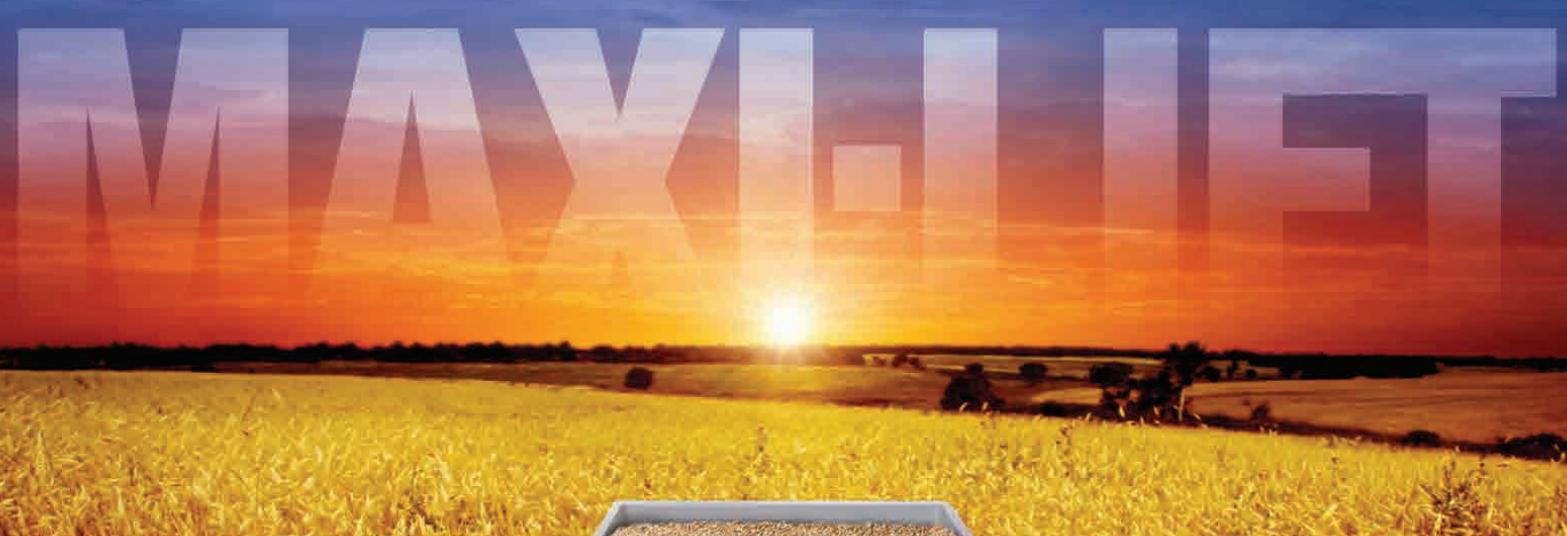


Maxi-Lift Inc.

ELEVATOR BELTING, BUCKETS & ACCESSORIES



Complete Product Catalog

800.527.0657



MAXILIFT.COM

MAXI-LIFT® FAMILY HISTORY

Our Commitment to You



Our Promise to You

A lot of things can happen over 40 plus years. For Maxi-Lift, it has been an amazing metamorphosis, in our business, our products and our services. We started out with a few plastic elevator buckets and a tireless work ethic, and this little company has grown into a world leader in elevator components. Through all of this growth, our core values have remained. Commitment to Innovation, Quality and Integrity drive our business every day.

- **Innovation** - Product development to make our customers' equipment more efficient, more reliable and safer.
- **Quality** - Our manufacturing procedures and operations are designed to give our customers reassurance that they get our best effort and product every time.
- **Integrity** - Above all else, the consistent integrity in our actions, values and principles keep us true to our core values, never accepting anything less.

We work hard every day to continue improving, growing and serving. Our promise is to keep these values at the center of everything we do, for you, and for ourselves.

Sincerely,

A handwritten signature in black ink that reads "Paul D. Phillips".

Paul Phillips
President

MAXI-LIFT CATALOG INDEX

Products, Accessories & Engineering Information



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MAXI-LIFT: Creating Innovative Plastic Solutions with Empowered People

At Maxi-Lift, we are defined by our strong brands, innovative products, technical expertise and friendly customer service. These are just a few of the many reasons our customers consider us the global leaders in plastic and metal elevator buckets.

GLOBAL LEADERS

Maxi-Lift manufactures and sells elevator buckets to customers in over 70 countries, and our client list continues to grow. We have stocking distributors throughout the world and our products fulfill the diverse needs of our clients. Our products are used on rice farms in Guyana, elevator upgrades in Romania, new feed plants in China, large river and port projects in North America, cement facilities in Mexico, and the largest soybean processing plants in Argentina. The Maxi-Lift name is known internationally for outstanding products and services. This is why we are proud to call ourselves the global leaders in the industry.

BUCKETS WORTHY OF THE MAXI-LIFT NAME

Our customers demand the toughest, longest lasting buckets, which is why we manufacture the strongest brand names in the world, **TIGER-TUFF**, **TIGER-CC**, **MAXI-TUFF**, **CC-MAX**, **HD-MAX** and **HD-STAX**. It's no surprise that the largest agricultural and industrial Fortune 500 companies ask for Maxi-Lift buckets by name.

NOT ALL BUCKETS ARE CREATED EQUALLY

With the last 20 years spent developing and introducing six new product lines of elevator buckets, we can say that we manufacture the toughest buckets in the world. Buckets that will outlast, out perform and carry more than our competitors. Maxi-Lift makes **over 700 different bucket sizes, shapes and materials**, designed to give our customers **longer life, better reliability, and a lower total cost of ownership**. Take a close look; while many buckets look similar, the fact remains that only Maxi-Lift gives you the reliability, performance, and value that you can measure. When looking for elevator buckets, don't be fooled by imitations. Our products consistently demonstrate the long-term value that is associated with the Maxi-Lift name.



ENGINEERING, UPGRADING, AND TROUBLESHOOTING IS OUR BUSINESS

Maxi-Lift's free technical service can help you, no matter what type of problem you may be facing. We can help you design, analyze, evaluate, or validate the technical details of your bucket elevators. Maxi-Lift is here to help you solve your elevator problems. We specialize in troubleshooting existing elevators, assessing upgrade capacity for new demands, and verifying your existing elevator setup. No problem is too big or too small for our team. Contact us today to find out more about our technical services.

OUR BUSINESS IS BUILT ON OUR CUSTOMERS

Our customers are the life blood of our business, and our long-term relationships are integral to our success. Not only do we develop, train and inspire our own team to grow, we want our relationships to grow as well. By working together and listening, we can solve your needs, provide better reliability, and lower the cost of operation. Don't simply take our word for it, see the difference yourself! Contact Maxi-Lift today to receive free samples, engineering support, or to place an order. Join thousands of Maxi-Lift customers, you too will love the results!



Maxi-Lift Inc.[®]

CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



AGRICULTURAL PRODUCT LINES

Products, Materials & Applications

MAXIMUM DUTY



TIGER-TUFF Pg 16, **TIGER-CC** Pg 22
Polyethylene: Food Grade Applications



TIGER-TUFF Pg 18, **TIGER-CC** Pg 24
Nylon: Hot, Abrasive Applications



TIGER-TUFF Pg 19, **TIGER-CC** Pg 25
Urethane: Sticky, Abrasive Applications

HEAVY DUTY



HD-STAX - Stackable Pgs 34,35
Polyethylene: Food Grade Applications



HD-MAX Pgs 28,29
Polyethylene: Food Grade Applications



HD-MAX Pgs 30,31
Urethane: Sticky, Abrasive Applications
Nylon: Hot, Abrasive Applications

HEAVY DUTY



CC-MAX Pgs 38,39
Polyethylene: Food Grade Applications



CC-MAX Pg 40
Nylon: Hot, Abrasive Applications



CC-MAX Pg 41
Urethane: Sticky, Abrasive Applications

STANDARD DUTY



DURA-BUKET Pg 44-46
Polyethylene: Food Grade Applications



STANDARD DUTY STEEL CC Pg 48
Fabricated Steel



STANDARD DUTY CC DIGGER Pg 49
Clears Packed Materials

ACCESSORIES



Belting
Pgs 90-91



Belt Splices
Pgs 92-95



Elevator Bolts & Accessories
Pgs 96-97



Pulleys & Lagging
Pg 98



Ceramic Tile
Pg 99



Urethane Sheet
Pg 100



Drag Flights, Custom UHMW Parts & Sheet
Pgs 101-103



Screw Conveyor Hanger Bearings
Pg 104

INDUSTRIAL PRODUCT LINES

Products, Materials & Applications

MAXIMUM DUTY



MAXI-TUFF AA Nylon Pg 58
Hot, Abrasive Applications



MAXI-TUFF AA Urethane Pg 59
Sharp Cutting Applications



MAXI-TUFF AA Polyethylene Pg 60
Food Grade Applications

MAXIMUM DUTY



TIGER-TUFF Pgs 66-69, **TIGER-CC** Pgs 72-75
Industrial Buckets



DI-MAX AA Pg 78
Ductile Iron Elevator Buckets



DI-MAX AC Pg 79
Ductile Iron Elevator Buckets

MAXIMUM DUTY



MAXI-TUFF MF (Medium Front) Pg 63
Nylon: Hot, Abrasive Applications



MAXI-TUFF MF (Medium Front) Pg 63
Urethane: Sharp Cutting Applications



MAXI-TUFF MF (Medium Front) Pg 63
Polyethylene: Food Grade Applications

FABRICATED STEEL



AA FABRICATED STEEL Pgs 80,81
Centrifugal Discharge



MF, HF & LF FABRICATED STEEL Pgs 84-86
Continuous Style



SC FABRICATED STEEL Pg 83
Super Capacity

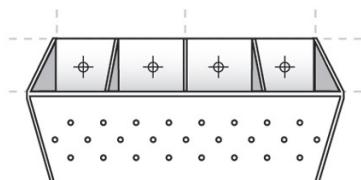
FABRICATED STEEL



AC FABRICATED STEEL Pg 82
Powdery Applications



ACS FABRICATED STEEL Pg 87
Saddle Bag Style



CUSTOMIZED FABRICATED STEEL Pg 88
Made To Order

HOW TO ORDER BUCKETS

Measuring, Style, Venting & Material Options

STEP 1. Measure Your Elevator Bucket

LENGTH = 12 7/8"

The bucket length is measured at the back mounting surface. Lay the bucket on its back for actual measurement dimensions.



PROJECTION = 8 7/8"

Projection is measured vertically to the lip, as it would project from the belt or chain.



DEPTH = 8 1/4"

Depth is measured for the overall side profile dimension.



STEP 2. Select Your Bucket Style

There are two main categories of elevator buckets; agricultural and industrial. Our agricultural buckets are located on pages 12-49 and the industrial buckets are on pages 54-88. More styles are available online at maxilift.com.

TIGER-TUFF MAXIMUM DUTY:
AGRICULTURAL



TIGER-CC MAXIMUM DUTY:
AGRICULTURAL



HD-MAX HEAVY DUTY:
AGRICULTURAL



CC-MAX CC-STYLÉ:
AGRICULTURAL



MAXI-TUFF HEAVY DUTY:
INDUSTRIAL



STEP 3. Choose Your Bucket Material

Buckets are available in the following materials, plus ductile iron and steel for industrial applications.

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

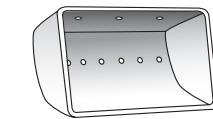
STEP 4. Pick Your Bucket Vent Pattern (*Call for Industrial Bucket venting recommendations*)

Venting an elevator bucket aids in bucket fill and discharge with light, fluffy materials. Lightweight, fluffy materials, and those that are extremely dense or flow poorly can be difficult to handle in bucket elevators at high speeds. Because these materials tend to trap air when being handled by an elevator bucket, it is necessary to provide air relief to assist in their filling and discharge. Materials in this category might be various flours, meals, feed mash or screenings. As these materials enter the bucket, air is released through a series of vent holes in the bottom of the bucket allowing for a more complete fill. These vent holes also allow air to re-enter the bucket, which facilitates full release of product into the discharge. Standard hole diameter is equal to the size of the bolt mounting holes. Anything different is considered a custom vent.

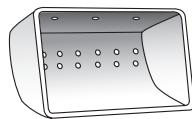
#1 VENT - Same holes in body as bolt mounting holes.



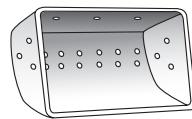
#2 VENT - One row of holes on 1-1/8" centers



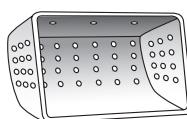
#3 VENT - Two rows of holes on 1-1/8" centers



#4 VENT - Same as #3, plus three holes in each end cap.



CUSTOM VENT - Vented as required



STEP 5. Contact Maxi-Lift For Quote

MAXI-LIFT



AGRICULTURAL ELEVATOR BUCKETS

UPGRADE TO THE TOUGHEST
ELEVATOR BUCKETS

- **TIGER-TUFF**
MAXIMUM DUTY
- **TIGER-CC**
MAXIMUM DUTY
- **HD-MAX**
HEAVY DUTY
- **HD-STAX**
STACKABLE
- **CC-MAX**
HEAVY DUTY
- **DURA-BUKET**
STANDARD DUTY



NEW PRODUCTS

HD-STAX Line Grows, ULTRA Splice Released!



MAXI-SPLICING®
SUPER

MAXI-SPLICING®
ULTRA



STACKABLE HD-STAX

THE PERFECT BUCKET
KEEPS GETTING BETTER

How do you improve on the perfect elevator bucket? You make more of them! Since its launch in 2015, the **HD-STAX** line has continued to expand, now featuring 24 sizes. This stackable bucket offers longer life, increased capacity and better reliability. The **HD-STAX**'s patented design allows nearly 3X as many buckets per skid / box... saving you space & money!

See Pages 32-35 for Details.

ULTRA & SUPER SPLICES

SUPER STRENGTH &
ULTRA COMPACT DESIGNS

The next generation of belt splices has arrived! With its larger, heavy duty twin-bolt design, the **MAXI-SPLICING SUPER** is ideal for the higher capacities / larger loads. It's counterpart, the smaller, single-bolt **MAXI-SPLICING ULTRA** is engineered to give you all of the **MAXI-SPLICING SUPER** advantages in a smaller package.

See Page 92-93 for Details.

NEW PRODUCTS

Continually Striving To Bring You Better Products

ELEVATOR BELTING



MAXI-LIFT BELTING

RUBBER & PVC BELTING
PUNCHED TO ORDER

Maxi-Lift is now proud to offer the highest quality **PVC** and **RUBBER ELEVATOR BELTING**. Our PVC Belting is heavy-duty interwoven-constructed and offers excellent service in applications requiring low stretch / good tear resistance properties. Our heavy-duty plied Rubber Belting is optimized for bucket elevators or conveyors handling oil-treated grain or natural fats where combustion properties are a concern.

See Page 90-91 for Details.

BUNDLES BUCKETS & BELT



ELEVATOR BUNDLES!

BELTING, BUCKETS, SPLICES &
BOLTS: ALL-IN-ONE BUNDLE

From Buckets to Belting, or Elevator Bolts to Splices, MAXI-LIFT is your Single Source for your elevator needs. MAXI-LIFT ELEVATOR BUCKET BUNDLES take the guess-work out of the process. You receive the right buckets, belt splices and hardware - all with a pre-cut, pre-drilled belt. Everything you need comes in a single bundle with a single invoice.

See Page 50-51 for Details.

TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT TIGER-TUFF

**UPGRADE TO THE TOUGHEST
ELEVATOR BUCKET**

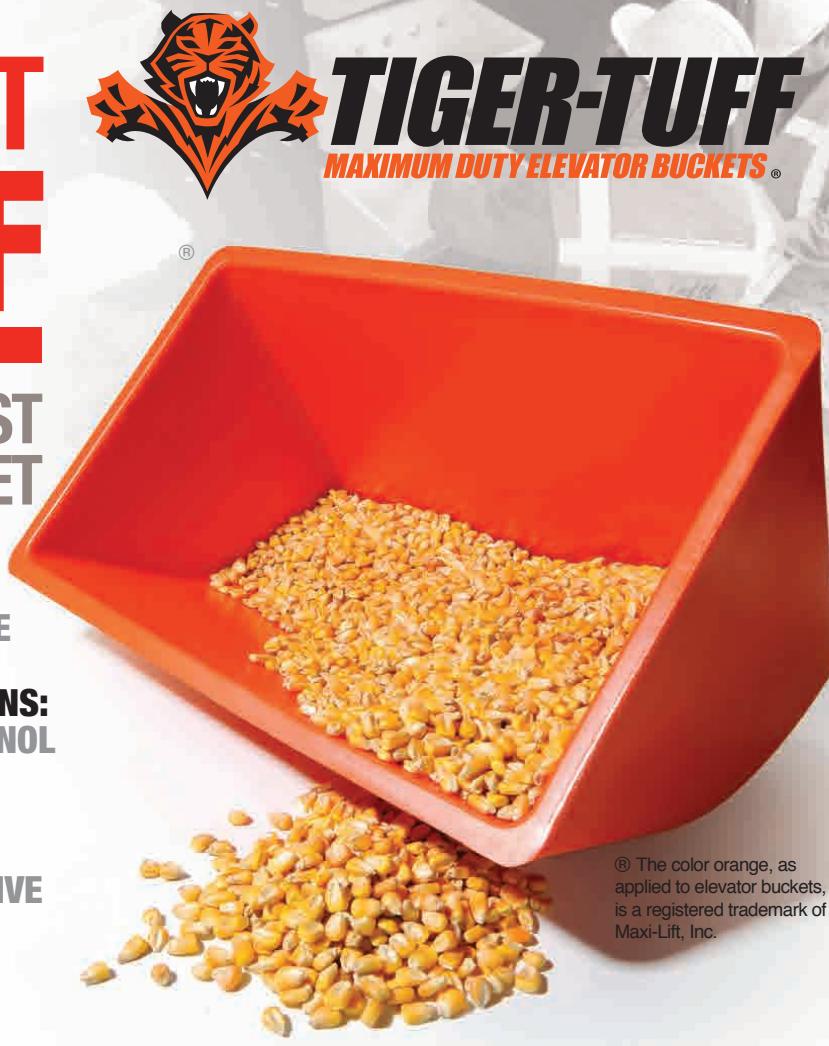
**THICKER. TOUGHER. LASTS LONGER:
WHEN YOU DON'T HAVE TIME FOR DOWN-TIME**

**DESIGNED FOR THE TOUGHEST APPLICATIONS:
PORT FACILITIES, RIVER TERMINALS, ETHANOL
AND PROCESSING PLANTS**

**ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS GIVE
LONGEST BUCKET LIFE**

FEATURES & BENEFITS

- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



Heavy Front Lip



Reinforced Corners



Thick Back Wall



Maximum Duty Design

TIGER-TUFF® MAXIMUM DUTY

On Location / Installation



CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.

SINGLE SOURCE
FOR
BUCKETS & BELTS

TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



TIGER-TUFF

MAXIMUM DUTY ELEVATOR BUCKETS ®

AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	Grain & Food Products	Hot, high impact, abrasive dense products -60° F to + 300° F (350° F Intermittent)	Heavy abrasion, sticky materials -60° F to + 180° F (210° F Intermittent)	Hot, high impact, abrasive food grade products -60° F to + 300° F
Temperature Range	-120° F to + 180° F (210° F Intermittent)			
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD
Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED
Bone Meal, Pellets, Meat Scrap, etc.



OTHER
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

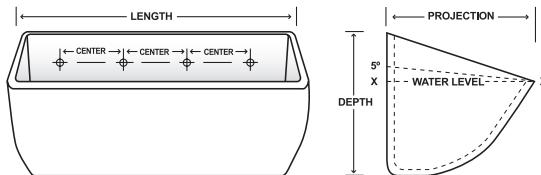
TIGER-TUFF®: PROFILES

Which Bucket is Right For You?



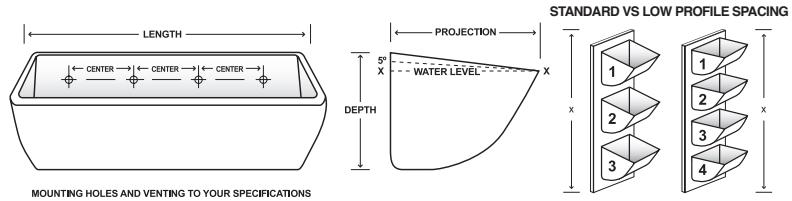
TIGER-TUFF® STANDARD PROFILE

The **TIGER-TUFF** is the original maximum duty elevator bucket, designed and engineered to increase bucket life and reduce breakage. This will reduce down time and lower maintenance costs. The **TIGER-TUFF** bucket has the thickest lip, back wall and corners to extend the life of the bucket. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. This is the best bucket for high volume applications. The recommended belt width for a single row of buckets is actual bucket width plus 1".



TIGER-TUFF® LOW PROFILE

The **TIGER-TUFF Low Profile** has all of the benefits of the original **TIGER-TUFF** bucket, with a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-TUFF Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

SPACING: See elevator bucket spacing details in the Tiger-Tuff® chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

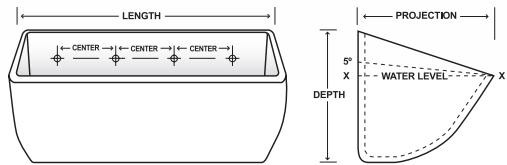
USABLE CAPACITY: Under normal usage, the Tiger-Tuff® elevator bucket will carry and deliver +5° of the water level cubic inch capacity.

Maxi-Lift recommends that water level capacity be used for design and engineering purposes.

® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-TUFF® Maximum Duty: Polyethylene

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	0.94	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16	3	1/4	1-5/8	1.10	79.72	89.24	6
8 x 5	8-5/8	5-3/4	5	0.33	3-1/16	3	1/4	1-5/8	1.25	88.54	97.98	6
9 x 5	9-5/8	5-3/4	5	0.33	3-5/8	3	1/4	1-5/8	1.41	107.37	121.27	6
10 x 5	10-5/8	5-3/4	5	0.33	4-1/8	3	1/4	1-5/8	1.57	121.30	138.89	6
11 x 5	11-5/8	5-3/4	5	0.33	3	4	1/4	1-5/8	1.72	140.70	153.16	6
12 x 5	12-5/8	5-3/4	5	0.33	3-3/8	4	1/4	1-5/8	1.88	159.87	167.14	6
8 x 6	8-5/8	6-7/8	6	0.40	3-1/16	3	1/4	1-5/8	1.82	135.56	150.85	7
9 x 6	9-5/8	6-7/8	6	0.40	3-5/8	3	1/4	1-5/8	1.97	150.26	165.87	7
10 x 6	10-5/8	6-7/8	6	0.40	4-1/8	3	1/4	1-5/8	2.13	170.69	185.62	7
11 x 6	11-5/8	6-7/8	6	0.40	3	4	1/4	1-5/8	2.29	185.18	200.36	7
12 x 6	12-5/8	6-7/8	6	0.40	3-3/8	4	1/4	1-5/8	2.44	200.37	220.58	7
13 x 6	13-5/8	6-7/8	6	0.40	3-5/8	4	1/4	1-5/8	2.60	220.78	240.48	7
12 x 7	12-7/8	7-7/8	7	0.42	3-3/8	4	5/16	2	3.60	269.24	298.12	8
13 x 7	13-7/8	7-7/8	7	0.42	3-5/8	4	5/16	2	3.86	292.51	323.22	8
14 x 7	14-7/8	7-7/8	7	0.42	3	5	5/16	2	4.14	315.77	350.58	8
15 x 7	15-7/8	7-7/8	7	0.42	3-1/4	5	5/16	2	4.47	346.64	383.38	8
16 x 7	16-7/8	7-7/8	7	0.42	2-7/8	6	5/16	2	4.68	377.41	415.14	8
11 x 8	11-7/8	8-7/8	8-1/4	0.50	3	4	5/16	2	4.45	340.02	374.70	9
12 x 8	12-7/8	8-7/8	8-1/4	0.50	3-3/8	4	5/16	2	4.71	373.00	411.05	9
13 x 8	13-7/8	8-7/8	8-1/4	0.50	3-5/8	4	5/16	2	4.92	404.85	446.15	9
14 x 8	14-7/8	8-7/8	8-1/4	0.50	3	5	5/16	2	5.30	436.80	481.35	9
16 x 8	17	9-1/4	8-1/4	0.50	2-7/8	6	5/16	2-1/2	5.35	512.57	566.39	9
18 x 8	19	9-1/4	8-1/4	0.50	3-1/8	6	5/16	2-1/2	5.89	567.49	627.08	9
20 x 8	21	9-1/4	8-1/4	0.50	3-1/2	6	5/16	2-1/2	6.62	646.81	714.73	9
22 x 8	23	9-1/4	8-1/4	0.50	4	6	5/16	2-1/2	7.85	701.90	757.40	9
24 x 8	25	9-1/4	8-1/4	0.50	3-1/2	7	5/16	2-1/2	8.50	763.40	831.08	9
16 x 10	17	11-1/4	10	0.75	2-7/8	6	5/16	2-1/2	8.87	795.70	875.37	11
18 x 10	19	11-1/4	10	0.75	3-1/8	6	5/16	2-1/2	9.83	910.00	1001.21	11
20 x 10	21	11-1/4	10	0.75	3-1/2	6	5/16	2-1/2	10.57	1032.50	1135.98	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings.

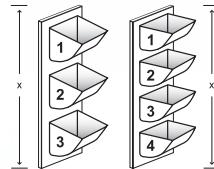
Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

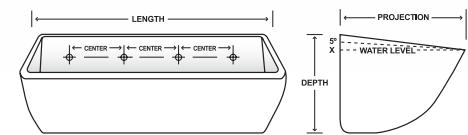
High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Low Profile: Polyethylene, Nylon, Urethane



STANDARD VS LOW PROFILE SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® LOW PROFILE Maximum Duty

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	4	0.33	4-3/8	2	1/4	1	0.84	0.96	1.05	67.20	73.98	4
7 x 5	7-5/8	5-3/4	4	0.33	2-11/16	3	1/4	1	0.98	1.12	1.22	79.72	89.24	4
8 x 5	8-5/8	5-3/4	4	0.33	3-1/16	3	1/4	1	1.11	1.27	1.39	88.54	97.98	4
9 x 5	9-5/8	5-3/4	4	0.33	3-5/8	3	1/4	1	1.25	1.43	1.56	107.37	121.27	4
10 x 5	10-5/8	5-3/4	4	0.33	4-1/8	3	1/4	1	1.40	1.61	1.75	121.30	138.89	4
11 x 5	11-5/8	5-3/4	4	0.33	3	4	1/4	1	1.53	1.75	1.91	140.70	153.16	4
12 x 5	12-5/8	5-3/4	4	0.33	3-3/8	4	1/4	1	1.67	1.92	2.08	159.87	167.14	4
8 x 6	8-5/8	6-7/8	5	0.40	3-1/16	3	1/4	1	1.64	1.88	2.05	135.56	150.85	5
9 x 6	9-5/8	6-7/8	5	0.40	3-5/8	3	1/4	1	1.77	2.03	2.21	150.26	165.87	5
10 x 6	10-5/8	6-7/8	5	0.40	4-1/8	3	1/4	1	1.92	2.20	2.40	170.69	185.62	5
11 x 6	11-5/8	6-7/8	5	0.40	3	4	1/4	1	2.06	2.36	2.57	185.18	200.36	5
12 x 6	12-5/8	6-7/8	5	0.40	3-3/8	4	1/4	1	2.20	2.52	2.75	200.37	220.58	5
13 x 6	13-5/8	6-7/8	5	0.40	3-5/8	4	1/4	1	2.34	2.68	2.92	220.78	240.48	5
12 x 7	12-7/8	7-7/8	5-3/4	0.42	3-3/8	4	5/16	1	3.24	3.55	3.98	269.24	298.12	6
13 x 7	13-7/8	7-7/8	5-3/4	0.42	3-5/8	4	5/16	1	3.47	3.82	4.29	292.51	323.22	6
14 x 7	14-7/8	7-7/8	5-3/4	0.42	3	5	5/16	1	3.73	4.07	4.56	315.77	350.58	6
15 x 7	15-7/8	7-7/8	5-3/4	0.42	3-1/4	5	5/16	1	4.02	4.19	4.72	346.64	383.38	6
16 x 7	16-7/8	7-7/8	5-3/4	0.42	2-7/8	6	5/16	1	4.21	4.32	4.84	377.41	415.14	6
11 x 8	11-7/8	8-7/8	6-3/4	0.50	3	4	5/16	1	4.01	4.33	5.08	340.02	374.70	7
12 x 8	12-7/8	8-7/8	6-3/4	0.50	3-3/8	4	5/16	1	4.24	4.58	5.45	373.00	411.05	7
13 x 8	13-7/8	8-7/8	6-3/4	0.50	3-5/8	4	5/16	1	4.43	4.66	5.60	404.85	446.15	7
14 x 8	14-7/8	8-7/8	6-3/4	0.50	3	5	5/16	1	4.77	5.02	5.99	436.80	481.35	7
16 x 8	17	9-1/4	6-3/4	0.50	2-7/8	6	5/16	1	4.82	5.68	6.96	512.57	566.39	7
18 x 8	19	9-1/4	6-3/4	0.50	3-1/8	6	5/16	1	5.89	6.39	-	567.49	627.08	7
20 x 8	21	9-1/4	6-3/4	0.50	3-1/2	6	5/16	1	6.62	6.94	-	646.81	714.73	7
22 x 8	23	9-1/4	6-3/4	0.50	4	6	5/16	1	7.85	8.45	-	701.90	757.40	7
24 x 8	25	9-1/4	6-3/4	0.50	3-1/2	7	5/16	1	8.50	9.27	-	763.40	831.08	7
16 x 10	17	11-1/4	8-1/2	0.75	2-7/8	6	5/16	1	8.87	9.12	-	795.70	875.37	9
18 x 10	19	11-1/4	8-1/2	0.75	3-1/8	6	5/16	1	9.83	10.17	-	910.00	1001.21	9
20 x 10	21	11-1/4	8-1/2	0.75	3-1/2	6	5/16	1	10.27	11.02	-	1032.50	1135.98	9

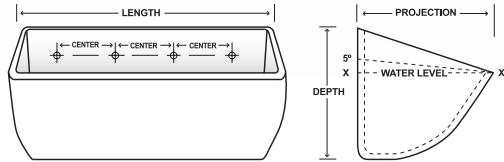
*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Nylon



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Nylon

BUCKET SIZE, INCHES*					PUNCHING, IN.**				Nylon	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Water Level	Usable 5 Deg.	Std. Spacing	
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	1.08	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16	3	1/4	1-5/8	1.26	79.72	89.24	6
8 x 5	8-5/8	5-3/4	5	0.33	3-1/16	3	1/4	1-5/8	1.44	88.54	97.98	6
9 x 5	9-5/8	5-3/4	5	0.33	3-5/8	3	1/4	1-5/8	1.60	107.37	121.27	6
10 x 5	10-5/8	5-3/4	5	0.33	4-1/8	3	1/4	1-5/8	1.80	121.30	138.89	6
11 x 5	11-5/8	5-3/4	5	0.33	3	4	1/4	1-5/8	1.98	140.70	153.16	6
12 x 5	12-5/8	5-3/4	5	0.33	3-3/8	4	1/4	1-5/8	2.16	159.87	167.14	6
8 x 6	8-5/8	6-7/8	6	0.40	3-1/16	3	1/4	1-5/8	2.09	135.56	150.85	7
9 x 6	9-5/8	6-7/8	6	0.40	3-5/8	3	1/4	1-5/8	2.26	150.26	165.87	7
10 x 6	10-5/8	6-7/8	6	0.40	4-1/8	3	1/4	1-5/8	2.40	170.69	185.62	7
11 x 6	11-5/8	6-7/8	6	0.40	3	4	1/4	1-5/8	2.63	185.18	200.36	7
12 x 6	12-5/8	6-7/8	6	0.40	3-3/8	4	1/4	1-5/8	2.81	200.37	220.58	7
13 x 6	13-5/8	6-7/8	6	0.40	3-5/8	4	1/4	1-5/8	2.99	220.78	240.48	7
12 x 7	12-7/8	7-7/8	7	0.42	3-3/8	4	5/16	2	4.00	269.24	298.12	8
13 x 7	13-7/8	7-7/8	7	0.42	3-5/8	4	5/16	2	4.44	292.51	323.22	8
14 x 7	14-7/8	7-7/8	7	0.42	3	5	5/16	2	4.75	315.77	350.58	8
15 x 7	15-7/8	7-7/8	7	0.42	3-1/4	5	5/16	2	5.00	346.64	383.38	8
16 x 7	16-7/8	7-7/8	7	0.42	2-7/8	6	5/16	2	5.50	377.41	415.14	8
11 x 8	11-7/8	8-7/8	8-1/4	0.50	3	4	5/16	2	5.16	340.02	374.70	9
12 x 8	12-7/8	8-7/8	8-1/4	0.50	3-3/8	4	5/16	2	5.10	373.00	411.05	9
13 x 8	13-7/8	8-7/8	8-1/4	0.50	3-5/8	4	5/16	2	5.20	404.85	446.15	9
14 x 8	14-7/8	8-7/8	8-1/4	0.50	3	5	5/16	2	5.40	436.80	481.35	9
16 x 8	17	9-1/4	8-1/4	0.50	2-7/8	6	5/16	2-1/2	6.25	512.57	566.39	9
18 x 8	19	9-1/4	8-1/4	0.50	3-1/8	6	5/16	2-1/2	6.95	567.49	627.08	9
20 x 8	21	9-1/4	8-1/4	0.50	3-1/2	6	5/16	2-1/2	7.40	646.81	714.73	9
22 x 8	23	9-1/4	8-1/4	0.50	4	6	5/16	2-1/2	9.00	701.90	757.40	9
24 x 8	25	9-1/4	8-1/4	0.50	3-1/2	7	5/16	2-1/2	10.15	763.40	831.08	9
16 x 10	17	11-1/4	10	0.75	2-7/8	6	5/16	2-1/2	10.75	795.70	875.37	11
18 x 10	19	11-1/4	10	0.75	3-1/8	6	5/16	2-1/2	11.20	910.00	1001.21	11
20 x 10	21	11-1/4	10	0.75	3-1/2	6	5/16	2-1/2	11.95	1032.50	1135.98	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings.

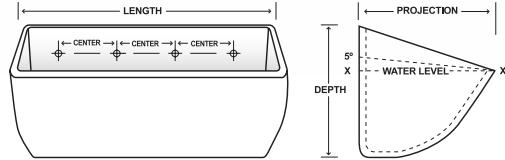
Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	1.18	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16	3	1/4	1-5/8	1.38	79.72	89.24	6
8 x 5	8-5/8	5-3/4	5	0.33	3-1/16	3	1/4	1-5/8	1.57	88.54	97.98	6
9 x 5	9-5/8	5-3/4	5	0.33	3-5/8	3	1/4	1-5/8	1.77	107.37	121.27	6
10 x 5	10-5/8	5-3/4	5	0.33	4-1/8	3	1/4	1-5/8	1.97	121.30	138.89	6
11 x 5	11-5/8	5-3/4	5	0.33	3	4	1/4	1-5/8	2.16	140.70	153.16	6
12 x 5	12-5/8	5-3/4	5	0.33	3-3/8	4	1/4	1-5/8	2.36	159.87	167.14	6
8 x 6	8-5/8	6-7/8	6	0.40	3-1/16	3	1/4	1-5/8	2.28	135.56	150.85	7
9 x 6	9-5/8	6-7/8	6	0.40	3-5/8	3	1/4	1-5/8	2.47	150.26	165.87	7
10 x 6	10-5/8	6-7/8	6	0.40	4-1/8	3	1/4	1-5/8	2.67	170.69	185.62	7
11 x 6	11-5/8	6-7/8	6	0.40	3	4	1/4	1-5/8	2.87	185.18	200.36	7
12 x 6	12-5/8	6-7/8	6	0.40	3-3/8	4	1/4	1-5/8	3.05	200.37	220.58	7
13 x 6	13-5/8	6-7/8	6	0.40	3-5/8	4	1/4	1-5/8	3.25	220.78	240.48	7
12 x 7	12-7/8	7-7/8	7	0.42	3-3/8	4	5/16	2	4.85	269.24	298.12	8
13 x 7	13-7/8	7-7/8	7	0.42	3-5/8	4	5/16	2	5.50	292.51	323.22	8
14 x 7	14-7/8	7-7/8	7	0.42	3	5	5/16	2	5.75	315.77	350.58	8
15 x 7	15-7/8	7-7/8	7	0.42	3-1/4	5	5/16	2	5.85	346.64	383.38	8
16 x 7	16-7/8	7-7/8	7	0.42	2-7/8	6	5/16	2	5.95	377.41	415.14	8
11 x 8	11-7/8	8-7/8	8-1/4	0.50	3	4	5/16	2	6.02	340.02	374.70	9
12 x 8	12-7/8	8-7/8	8-1/4	0.50	3-3/8	4	5/16	2	5.95	373.00	411.05	9
13 x 8	13-7/8	8-7/8	8-1/4	0.50	3-5/8	4	5/16	2	6.30	404.85	446.15	9
14 x 8	14-7/8	8-7/8	8-1/4	0.50	3	5	5/16	2	6.55	436.80	481.35	9
16 x 8	17	9-1/4	8-1/4	0.50	2-7/8	6	5/16	2-1/2	7.35	512.57	566.39	9
18 x 8												
20 x 8												
22 x 8												
24 x 8												
16 x 10												
18 x 10												
20 x 10												

Not Available in this Material.

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 **Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT **TIGER-CC**

UPGRADE TO THE TOUGHEST ELEVATOR BUCKET

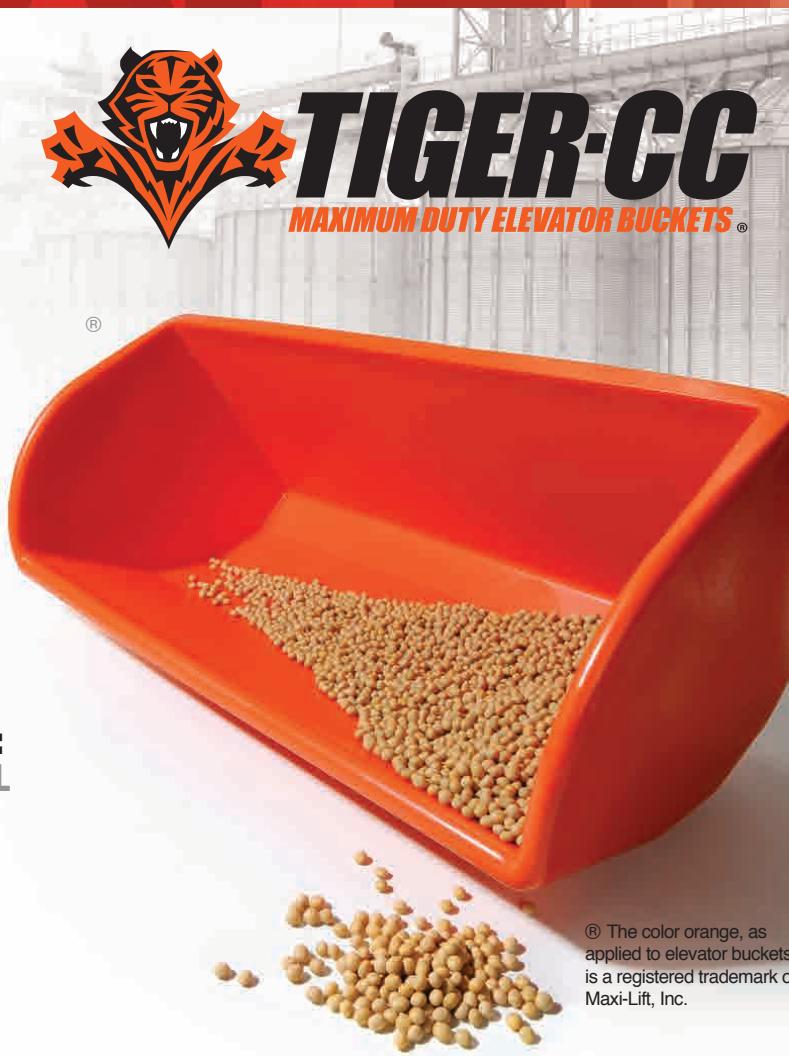
THICKER. TOUGHER. LASTS LONGER:
FOR THOSE WHO DON'T HAVE TIME TO BE DOWN

DESIGNED FOR THE TOUGHEST APPLICATIONS:
PORT FACILITIES, RIVER TERMINALS, ETHANOL
AND PROCESSING PLANTS

ENGINEERED FOR ULTIMATE RELIABILITY:
REINFORCED WEAR POINTS MAKE THE TIGER-
CC STRONGER EVERYWHERE IT COUNTS

FEATURES & BENEFITS

- Traditional CC Style w/ High Sides and Breaks in the Bottom of Bucket
- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- Heat, Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



Reinforced Corners



Heavy Front Lip



Traditional CC Breaks



Thick Back Wall

TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

AG
TIGER-CC



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

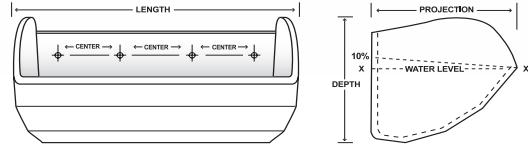
CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



TIGER-CC® MAXIMUM DUTY

Standard Profile: Polyethylene



® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-CC® Maximum Duty: Polyethylene

The TIGER-CC Maximum Duty Elevator Buckets was designed to combine the style of the traditional CC elevator bucket with the ruggedness and toughness of the TIGER-TUFF elevator bucket. This will increase bucket life and provide less breakage and more capacity. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. The recommended belt width for a single row of buckets is actual bucket width plus 1".

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level +10%	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	3.60	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	3.85	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	4.04	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	4.30	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	4.54	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	4.78	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	4.99	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	4.90	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	5.40	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	5.90	510	561	9
18 x 8	18-7/8	9-1/4	8-7/8	0.55	3-1/8	6	5/16	2	6.60	560	616	9
20 x 8	20-7/8	9-1/4	8-7/8	0.55	3-1/2	6	5/16	2	7.20	655	720	9
18 x 10	19	11-1/2	10-3/8	0.70	3-1/8	6	3/8	2-1/4	11.56	915	1005	11
20 x 10	21	11-1/2	10-3/8	0.70	3-1/2	6	3/8	2-1/4	12.20	1005	1106	11
21 x 10	22	11-1/2	10-3/8	0.70	3-5/8	6	3/8	2-1/4	12.60	1055	1161	11
22 x 10	23	11-1/2	10-3/8	0.70	4	6	3/8	2-1/4	13.00	1105	1216	11
23 x 10	24	11-1/2	10-3/8	0.70	3-3/8	7	3/8	2-1/4	13.50	1155	1271	11
24 x 10	25	11-1/2	10-3/8	0.70	3-1/2	7	3/8	2-1/4	14.00	1206	1327	11
25 x 10	26	11-1/2	10-3/8	0.70	3-5/8	7	3/8	2-1/4	14.40	1256	1381	11
26 x 10	27	11-1/2	10-3/8	0.70	3-7/8	7	3/8	2-1/4	14.80	1306	1437	11
27 x 10	28	11-1/2	10-3/8	0.70	3-3/8	8	3/8	2-1/4	15.30	1356	1492	11
28 x 10	29	11-1/2	10-3/8	0.70	3-5/8	8	3/8	2-1/4	15.80	1400	1540	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

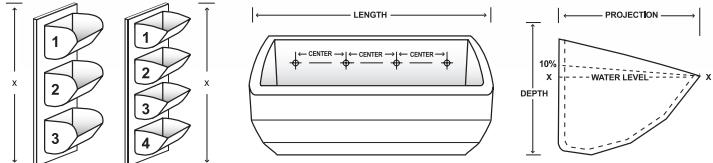
Low Profile: Polyethylene, Nylon, Urethane



**NEW SIZES!
ENHANCED
DESIGNS**



TIGER-CC
MAXIMUM DUTY ELEVATOR BUCKETS®



® The color orange, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-CC® Maximum Duty Low Profile

The **TIGER-CC Low Profile** Maximum Duty Elevator Bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-CC Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level + 5%	Std. Spacing
10 x 7	10-7/8	8-1/8	5-3/4	0.50	4-1/8	3	5/16	1	3.08	3.49	3.85	217	228	6
11 x 7	11-7/8	8-1/8	5-3/4	0.50	3	4	5/16	1	3.35	3.79	4.19	236	248	6
12 x 7	12-7/8	8-1/8	5-3/4	0.50	3-3/8	4	5/16	1	3.56	4.03	4.45	258	271	6
13 x 7	13-7/8	8-1/8	5-3/4	0.50	3-5/8	4	5/16	1	3.75	4.25	4.69	300	315	6
14 x 7	14-7/8	8-1/8	5-3/4	0.50	3	5	5/16	1	4.02	4.55	5.03	313	329	6
15 x 7	15-7/8	8-1/8	5-3/4	0.50	3-1/4	5	5/16	1	4.22	4.78	5.28	339	356	6
16 x 7	16-7/8	8-1/8	5-3/4	0.50	2-7/8	6	5/16	1	4.43	5.01	5.54	352	370	6
12 x 8	12-7/8	9-1/4	6-3/4	0.55	3-3/8	4	5/16	1	4.20	4.75	5.25	366	384	7
14 x 8	14-7/8	9-1/4	6-3/4	0.55	3	5	5/16	1	4.80	5.43	6.00	430	452	7
16 x 8	16-7/8	9-1/4	6-3/4	0.55	2-7/8	6	5/16	1	5.20	5.89	6.50	510	536	7
18 x 8	18-7/8	9-1/4	6-3/4	0.55	3-1/8	6	5/16	1	5.70	6.45	-	560	588	7
20 x 8	20-7/8	9-1/4	6-3/4	0.55	3-1/2	6	5/16	1	6.30	7.13	-	655	688	7
18 x 10	19	11-1/2	8-3/4	0.7	3-1/8	6	3/8	1-1/4	10.59	11.99	-	915	960	9
20 x 10	21	11-1/2	8-3/4	0.70	3-1/2	6	3/8	1-1/4	11.10	12.57	-	1005	1055	9
21 x 10	22	11-1/2	8-3/4	0.70	3-5/8	6	3/8	1-1/4	11.60	13.13	-	1055	1108	9
22 x 10	23	11-1/2	8-3/4	0.70	4	6	3/8	1-1/4	12.00	13.58	-	1105	1160	9
23 x 10	24	11-1/2	8-3/4	0.70	3-3/8	7	3/8	1-1/4	12.40	14.04	-	1155	1213	9
24 x 10	25	11-1/2	8-3/4	0.70	3-1/2	7	3/8	1-1/4	12.80	14.49	-	1206	1266	9
25 x 10	26	11-1/2	8-3/4	0.70	3-5/8	7	3/8	1-1/4	13.20	14.94	-	1256	1318	9
26 x 10	27	11-1/2	8-3/4	0.70	3-7/8	7	3/8	1-1/4	13.60	15.40	-	1306	1371	9
27 x 10	28	11-1/2	8-3/4	0.70	3-3/8	8	3/8	1-1/4	14.00	15.85	-	1356	1424	9
28 x 10	29	11-1/2	8-3/4	0.70	3-5/8	8	3/8	1-1/4	14.40	16.30	-	1400	1470	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

**Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

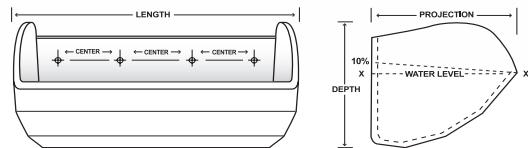
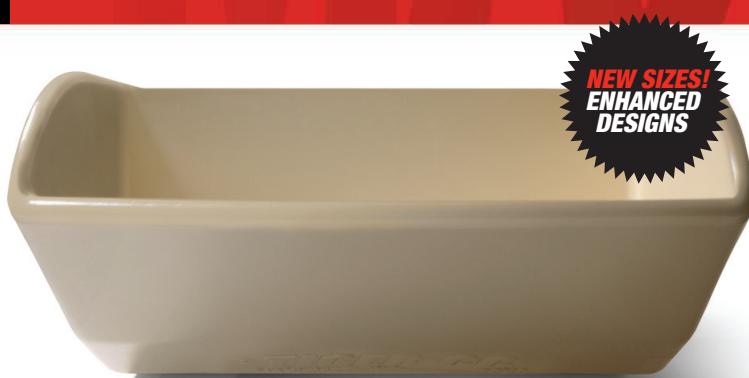
CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



TIGER-CC® MAXIMUM DUTY

Standard Profile: Nylon



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty: Nylon

BUCKET SIZE, INCHES*					PUNCHING, IN.**				Nylon	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Water Level	Water Level +10%	Std. Spacing	
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	4.18	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	4.47	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	4.69	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	4.99	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	5.27	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	5.54	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	5.79	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	5.68	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	6.26	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	6.84	510	561	9
18 x 8	18-7/8	9-1/4	8-7/8	0.55	3-1/8	6	5/16	2	7.66	560	616	9
20 x 8	20-7/8	9-1/4	8-7/8	0.55	3-1/2	6	5/16	2	8.35	655	720	9
18 x 10	19	11-1/2	10-3/8	0.70	3-1/8	6	3/8	2-1/4	13.41	915	1005	11
20 x 10	21	11-1/2	10-3/8	0.70	3-1/2	6	3/8	2-1/4	14.20	1005	1106	11
21 x 10	22	11-1/2	10-3/8	0.70	3-5/8	6	3/8	2-1/4	14.62	1055	1161	11
22 x 10	23	11-1/2	10-3/8	0.70	4	6	3/8	2-1/4	15.08	1105	1216	11
23 x 10	24	11-1/2	10-3/8	0.70	3-3/8	7	3/8	2-1/4	15.66	1155	1271	11
24 x 10	25	11-1/2	10-3/8	0.70	3-1/2	7	3/8	2-1/4	16.23	1206	1327	11
25 x 10	26	11-1/2	10-3/8	0.70	3-5/8	7	3/8	2-1/4	16.70	1256	1381	11
26 x 10	27	11-1/2	10-3/8	0.70	3-7/8	7	3/8	2-1/4	17.17	1306	1437	11
27 x 10	28	11-1/2	10-3/8	0.70	3-3/8	8	3/8	2-1/4	17.75	1356	1492	11
28 x 10	29	11-1/2	10-3/8	0.70	3-5/8	8	3/8	2-1/4	18.13	1400	1540	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

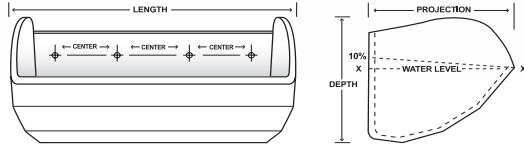
High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

Standard Profile: Urethane



**NEW SIZES!
ENHANCED
DESIGNS**



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level +10%	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	4.48	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	4.79	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	5.03	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	5.35	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	5.65	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	5.95	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	6.21	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	6.10	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	6.72	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	7.34	510	561	9
18 x 8												
20 x 8												
18 x 10												
20 x 10												
21 x 10												
22 x 10												
23 x 10												
24 x 10												
25 x 10												
26 x 10												
27 x 10												
28 x 10												

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

**Reference Punching Chart on page 112.

Not Available in this Material.

OTHER CONSIDERATIONS

DRILLING: Elevator buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

SPACING: See elevator bucket spacing details in the size chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT HD-MAX

UPGRADE TO THE BUCKET
THAT DEFINES “HEAVY DUTY”

HIGHER CAPACITY MEANS HD-MAX:
THE HD-MAX WILL HELP YOU ELEVATE
MORE MATERIAL FASTER TO MEET YOUR
HIGHER CAPACITY DEMANDS.

ENGINEERED WITH THICKER FRONT LIP:
WHEN BUCKET WEAR IS AN ISSUE, THE
HD-MAX GIVES YOU LONGER LIFE AT A MORE
ECONOMICAL PRICE.

PERFORMANCE BY DESIGN:
LOW SIDES AND SMOOTH BOTTOM GIVE
EXCELLENT CUP FILL & DISCHARGE.

FEATURES & BENEFITS

- Thicker Walls, Heavy Front Lip for Digging
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



Heavy Duty Construction



Reinforced Side Walls



Reinforced Corners



Heavy Front Lip

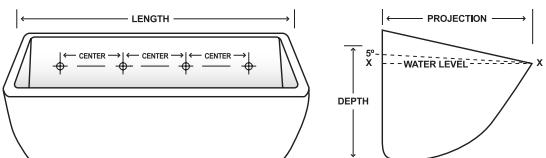
HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



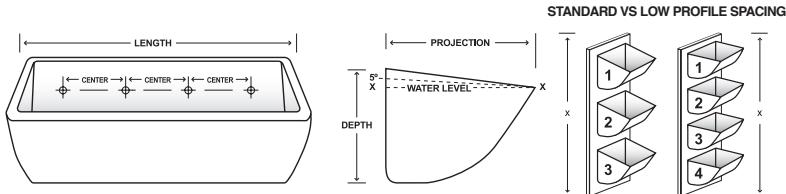
HD-MAX® HEAVY DUTY: STANDARD PROFILE

The **HD-MAX** Heavy Duty elevator bucket is engineered to exceed the performance requirements of the standard bucket. This bucket is designed with thicker walls and a reinforced front lip to increase bucket life and reduce breakage. Replacing existing Standard Duty buckets with the **HD-MAX** will create longer bucket life and less frequent replacements. The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications. The **HD-MAX** bucket stands second to the **TIGER-TUFF** in strength and thickness. Standard spacing is nominal projection plus 1". The recommended belt width for a single row of buckets is actual bucket width plus 1".



HD-MAX® HEAVY DUTY: LOW PROFILE

The **HD-MAX** Low Profile bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **HD-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

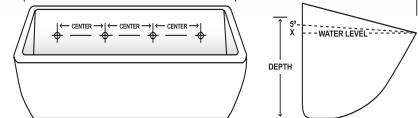
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

HD-MAX® HEAVY DUTY

Standard Profile: Polyethylene



® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Polyethylene

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.12	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.22	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.47	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.56	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.66	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	0.88	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	0.98	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.15	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.26	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.37	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	1.55	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.35	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	1.53	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	1.64	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	1.82	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	1.89	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.04	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	2.35	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	2.55	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	2.73	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	2.89	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	3.10	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	3.23	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	3.37	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	2.89	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	3.17	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	3.46	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	3.86	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	4.06	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	4.26	543.10	571.10	9
18 x 8	18-1/2	8-3/4	8	0.40	3-1/8	6	5/16	2	4.66	610.20	648.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

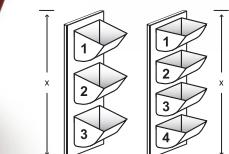
Low Profile: Polyethylene, Nylon, Urethane



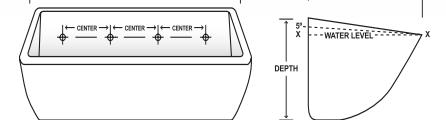
® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.

HD-MAX

HEAVY DUTY BUCKETS



STANDARD VS LOW PROFILE SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty Low Profile

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2-1/4	0.17	1-3/4	2	1/4	1	0.11	0.13	0.15	6.71	7.93	2-1/4
4 x 3	4-3/8	3-1/4	2-3/4	0.17	2-1/4	2	1/4	1	0.19	0.22	0.29	15.26	17.70	2-3/4
5 x 4	5-1/4	4-1/2	3-1/4	0.30	3-3/16	2	1/4	1	0.42	0.49	0.65	36.20	39.82	3-1/4
6 x 4	6-1/4	4-1/2	3-1/2	0.30	4-3/8	2	1/4	1	0.49	0.57	0.73	44.20	49.58	3-1/2
7 x 4	7-1/4	4-1/2	3-1/2	0.30	2-5/8	3	1/4	1	0.57	0.66	0.86	51.31	57.01	3-1/2
6 x 5	6-3/8	5-5/8	4	0.30	4-3/8	2	1/4	1	0.67	0.76	0.91	67.20	73.98	4
7 x 5	7-3/8	5-5/8	4	0.30	2-5/8	3	1/4	1	0.72	0.84	1.09	79.72	89.24	4
8 x 5	8-3/8	5-5/8	4	0.30	3-1/16	3	1/4	1	1.09	0.87	1.15	102.85	115.85	4
9 x 5	9-3/8	5-5/8	4	0.30	3-1/2	3	1/4	1	1.14	1.15	1.35	107.37	121.27	4
10 x 5	10-1/4	5-5/8	4-1/2	0.30	4	3	1/4	1	1.18	1.37	1.70	121.30	138.89	4-1/2
11 x 5	11-1/4	5-5/8	4-1/2	0.30	3-1/8	4	1/4	1	1.24	1.44	1.82	140.70	153.16	4-1/2
12 x 5	12-1/4	5-5/8	4-1/2	0.30	3-3/8	4	1/4	1	1.32	1.53	2.06	159.87	167.14	4-1/2
8 x 6	8-3/8	6-5/8	5	0.30	3-1/16	3	1/4	1	1.24	1.41	1.70	135.56	150.85	5
9 x 6	9-3/8	6-5/8	5	0.30	3-1/2	3	1/4	1	1.39	1.59	1.91	150.26	165.87	5
10 x 6	10-3/8	6-5/8	5	0.30	4	3	1/4	1	1.48	1.68	2.02	170.69	185.62	5
11 x 6	11-3/8	6-5/8	5	0.30	3	4	1/4	1	1.66	1.89	2.28	185.18	200.36	5
12 x 6	12-3/8	6-5/8	5	0.30	3-3/8	4	1/4	1	1.73	1.96	2.36	200.37	220.58	5
13 x 6	13-3/8	6-5/8	5	0.30	3-5/8	4	1/4	1	1.86	2.12	2.55	220.78	240.48	5
10 x 7	10-1/2	7-3/4	6	0.33	4	3	5/16	1	2.17	2.47	2.97	240.91	264.59	6
11 x 7	11-1/2	7-3/4	6	0.33	3	4	5/16	1	2.32	2.64	3.18	269.32	292.41	6
12 x 7	12-1/2	7-3/4	6	0.33	3-3/8	4	5/16	1	2.54	2.90	3.48	292.41	319.63	6
13 x 7	13-1/2	7-3/4	6	0.33	3-5/8	4	5/16	1	2.63	3.02	3.55	344.20	356.40	6
14 x 7	14-1/2	7-3/4	6	0.33	3	5	5/16	1	2.85	3.28	3.85	356.40	389.90	6
15 x 7	15-1/2	7-3/4	6	0.33	3-1/4	5	5/16	1	3.01	3.46	4.06	379.50	408.20	6
16 x 7	16-1/2	7-3/4	6	0.33	3-1/2	5	5/16	1	3.12	3.59	4.21	406.40	432.00	6
10 x 8	10-1/2	8-3/4	6	0.40	4-1/8	3	5/16	1	2.58	2.94	3.53	328.52	353.97	7
11 x 8	11-1/2	8-3/4	6-3/4	0.40	3-1/8	4	5/16	1	2.85	3.25	3.90	358.11	388.30	7
12 x 8	12-1/2	8-3/4	6-3/4	0.40	3-3/8	4	5/16	1	3.15	3.59	4.32	390.67	423.22	7
14 x 8	14-1/2	8-3/4	6-3/4	0.40	3	5	5/16	1	3.51	4.04	4.74	465.00	502.80	7
15 x 8	15-1/2	8-3/4	6-3/4	0.40	3-1/4	5	5/16	1	3.67	4.22	4.95	511.30	541.90	7
16 x 8	16-1/2	8-3/4	6-3/4	0.40	3-1/2	5	5/16	1	3.79	4.36	5.12	543.10	571.10	7
18 x 8	18-1/2	8-3/4	6-3/4	0.40	3-1/8	6	5/16	1	4.24	4.88	-	610.20	648.00	7

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

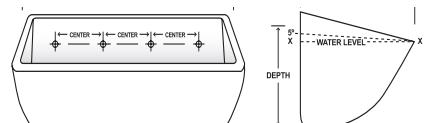
CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



HD-MAX® HEAVY DUTY

Standard Profile: Nylon



HD-MAX® Heavy Duty: Nylon

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	Nylon	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.15	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.25	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.60	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.70	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.80	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	0.85	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	0.95	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.30	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.40	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.55	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	1.70	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.65	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	1.75	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	1.85	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	2.05	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	2.15	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.35	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	2.68	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	2.85	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	3.20	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	3.25	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	3.45	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	3.71	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	3.90	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	3.29	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	3.55	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	4.00	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	4.35	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	4.67	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	4.70	543.10	571.10	9
18 x 8	18-1/2	8-3/4	8	0.40	3-1/8	6	5/16	2	5.10	610.20	648.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

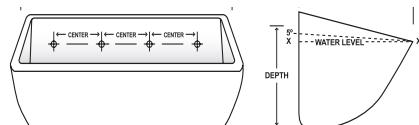
*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

HD-MAX® HEAVY DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.20	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.30	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.75	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.85	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.88	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	1.00	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	1.15	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.55	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.40	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.70	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.85	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	2.12	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.95	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	2.10	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	2.30	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	2.45	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	2.65	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.85	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	3.25	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	3.45	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	3.80	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	3.85	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	4.25	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	4.36	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	4.60	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	4.10	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	4.34	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	4.65	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	5.30	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	5.55	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	5.60	543.10	571.10	9
18 x 8					Not Available in this Material.							

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

SPACING: See elevator bucket spacing details in the HD-MAX chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

USABLE CAPACITY: Under normal usage, the HD-MAX plastic elevator bucket will carry and deliver +5° of the water level cubic inch capacity. Maxi-Lift recommends that water level capacity be used for design and engineering purposes.

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157

THE MAXI-LIFT HD-STAX

**THE PERFECT BUCKET
KEEPS GETTING BETTER!**

BETTER STACKING:

NESTED STACKS OF BUCKETS ARE
SEALED IN SHRINK-WRAPPED SLEEVES
FOR MORE EFFICIENT SHIPPING & STORAGE

MAXIMUM STACKABILITY = MAXIMUM SAVINGS:
MORE LIFE, MORE EFFICIENT, MORE CAPACITY...
LESS COST, LESS SPACE, LESS REPLACEMENT

23 SIZES (AND COUNTING) AVAILABLE:
FROM 3" TO 8" PROJECTIONS, WITH
MULTIPLE WIDTHS FOR EACH DEPTH AVAILABLE



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS

FEATURES & BENEFITS

- 3 Sided Reinforced Front Lip for Digging, Longer Life, More Reliability
- Stackable: Efficient Shipping, Reduced Storage
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



Stackable / Nesting Buckets



Reinforced 3-Sided Lip



Reinforced Front Lip



Compact Shipping / Storage

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157



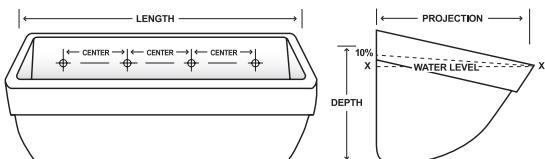
HD-STAX
STACKABLE HEAVY DUTY BUCKETS



HD-STAX
STACKABLE HEAVY DUTY BUCKETS

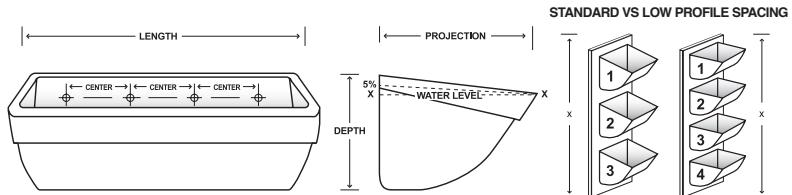
HD-STAX® STACKABLE: STANDARD PROFILE

The **HD-STAX** is a patented **stackable** elevator bucket, designed to give long life, more capacity, better reliability, and will optimize your shipping and storing costs. Designed to stack (nest) together, the **HD-STAX** gives you up to 3 times more buckets per box, skid and container. The **HD-STAX** bucket simply slides together to provide more savings in storage and shipping costs. The **HD-STAX** also features a thicker, heavier wear lip, molded across the front and sides of the bucket, for a tougher, stronger and longer lasting design. The wear lip is thicker in the corners to give you sustainable life when digging in tough agricultural applications. The recommended belt width for a single row of buckets is actual bucket width plus 1".



HD-STAX® STACKABLE: LOW PROFILE

The **HD-STAX Low Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **HD-STAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



AVAILABLE MATERIALS

	POLYETHYLENE
Color	 White
Application	Grain & Food Products
Temperature Range	-120° F to +180° F (210° F Intermittent)
FDA Approved Material	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.

BETTER STACKING, SHIPPING & STORAGE

The **HD-STAX** is designed to nest inside adjacent buckets for better stacking, shipping and storage. Saving up to 3 times the space while shipping saves you money. **HD-STAX's** stackability combined with Maxi-Lift's shrink-wrapped shipping system provides the most compact, economical freight solution of any comparable bucket.



APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

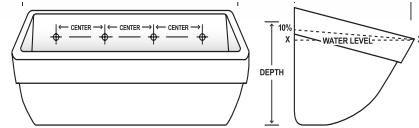
HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157



HD-STAX
STACKABLE HEAVY DUTY BUCKETS



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-STAX® Heavy Duty: Polyethylene

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable + 10%	Std. Spacing
4 x 3	4-1/4	3-5/8	2-7/8	0.25	2-1/4	2	1/4	7/8	0.22	16	17	4
5 x 4	5-5/8	4-5/8	4	0.32	3-3/16	2	1/4	1-1/8	0.47	38	42	5
6 x 4	6-5/8	4-5/8	4	0.32	4-3/8	2	1/4	1-1/8	0.55	46	51	5
7 x 4	7-5/8	4-5/8	4	0.32	2-5/8	3	1/4	1-1/8	0.61	52	57	5
6 x 5	6-3/4	5-3/4	5	0.35	4-3/8	2	1/4	1-5/8	0.81	72	79	6
7 x 5	7-3/4	5-3/4	5	0.35	2-5/8	3	1/4	1-5/8	0.92	85	94	6
8 x 5	8-3/4	5-3/4	5	0.35	3-1/16	3	1/4	1-5/8	1.00	103	113	6
9 x 5	9-3/4	5-3/4	5	0.35	3-1/2	3	1/4	1-5/8	1.10	110	121	6
8 x 6	8-11/16	6-7/8	6-1/8	0.36	3-1/16	3	1/4	1-5/8	1.39	140	154	7
9 x 6	9-11/16	6-7/8	6-1/8	0.36	3-1/2	3	1/4	1-5/8	1.51	158	173	7
10 x 6	10-11/16	6-7/8	6-1/8	0.36	4	3	1/4	1-5/8	1.63	176	193	7
11 x 6	11-11/16	6-7/8	6-1/8	0.36	3	4	1/4	1-5/8	1.75	194	213	7
12 x 6	12-11/16	6-7/8	6-1/8	0.36	3-3/8	4	1/4	1-5/8	1.88	212	233	7
13 x 6	13-11/16	6-7/8	6-1/8	0.36	3-5/8	4	1/4	1-5/8	1.99	230	253	7
10 x 7	10-15/16	7-1/8	0.38		4	3	5/16	1-7/8	2.30	246	271	8
11 x 7	11-15/16	7-1/8	0.38		3	4	5/16	1-7/8	2.51	272	299	8
12 x 7	12-15/16	7-1/8	0.38		3-3/8	4	5/16	1-7/8	2.68	296	325	8
13 x 7	13-15/16	7-1/8	0.38		3-5/8	4	5/16	1-7/8	2.83	320	352	8
14 x 7	14-15/16	7-1/8	0.38		3	5	5/16	1-7/8	2.98	345	380	8
16 x 7	16-15/16	7-1/8	0.38		3-1/2	5	5/16	1-7/8	3.34	400	440	8
12 x 8	13-1/8	8-15/16	8-1/8	0.40	3-3/8	4	5/16	2	3.69	395	435	9
14 x 8	15-1/8	8-15/16	8-1/8	0.40	3	5	5/16	2	4.14	470	517	9
16 x 8	16-1/8	8-15/16	8-1/8	0.40	3-1/2	5	5/16	2	4.58	550	578	9
18 x 8	19-1/8	8-15/16	8-1/8	0.40	3-1/8	6	5/16	2	5.04	615	650	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX. **Reference Punching Chart on page 112. Special punching available upon request.

High Speed Centrifugal Discharge 210 - 900 FPM

HD-STAX® STACKABLE

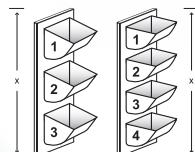
High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157

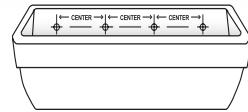


HD-STAX®

STACKABLE HEAVY DUTY BUCKETS



STANDARD VS LOW PROFILE SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-STAX® Heavy Duty Low Profile

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable +5%	Std. Spacing
4 x 3	4-1/4	3-5/8	2-3/4	0.25	2-1/4	2	1/4	7/8	0.19	16	17	2-3/4
5 x 4	5-5/8	4-5/8	3-1/2	0.32	3-3/16	2	1/4	1-1/8	0.41	38	40	3-1/2
6 x 4	6-5/8	4-5/8	3-1/2	0.32	4-3/8	2	1/4	1-1/8	0.48	46	48	3-1/2
7 x 4	7-5/8	4-5/8	3-1/2	0.32	2-5/8	3	1/4	1-1/8	0.54	52	55	3-1/2
6 x 5	6-3/4	5-3/4	4	0.35	4-3/8	2	1/4	1-5/8	0.69	72	76	4
7 x 5	7-3/4	5-3/4	4	0.35	2-5/8	3	1/4	1-5/8	0.75	85	89	4
8 x 5	8-3/4	5-3/4	4	0.35	3-1/16	3	1/4	1-5/8	0.82	103	108	4
9 x 5	9-3/4	5-3/4	4	0.35	3-1/2	3	1/4	1-5/8	0.90	110	116	4
8 x 6	8-11/16	6-7/8	4-7/8	0.36	3-1/16	3	1/4	1-5/8	1.26	140	147	5
9 x 6	9-11/16	6-7/8	4-7/8	0.36	3-1/2	3	1/4	1-5/8	1.37	158	165	5
10 x 6	10-11/16	6-7/8	4-7/8	0.36	4	3	1/4	1-5/8	1.45	176	184	5
11 x 6	11-11/16	6-7/8	4-7/8	0.36	3	4	1/4	1-5/8	1.61	194	203	5
12 x 6	12-11/16	6-7/8	4-7/8	0.36	3-3/8	4	1/4	1-5/8	1.72	212	222	5
13 x 6	13-11/16	6-7/8	4-7/8	0.36	3-5/8	4	1/4	1-5/8	1.82	230	241	5
10 x 7	10-15/16	7-15/16	6	0.38	4	3	5/16	1-7/8	2.17	246	258	6
11 x 7	11-15/16	7-15/16	6	0.38	3	4	5/16	1-7/8	2.29	272	286	6
12 x 7	12-15/16	7-15/16	6	0.38	3-3/8	4	5/16	1-7/8	2.50	296	311	6
13 x 7	13-15/16	7-15/16	6	0.38	3-5/8	4	5/16	1-7/8	2.63	320	336	6
14 x 7	14-15/16	7-15/16	6	0.38	3	5	5/16	1-7/8	2.76	345	362	6
16 x 7	16-15/16	7-15/16	6	0.38	3-1/2	5	5/16	1-7/8	3.06	400	420	6
12 x 8	13-1/8	8-15/16	6-3/4	0.40	3-3/8	4	5/16	2	3.41	395	414	7
14 x 8	15-1/8	8-15/16	6-3/4	0.40	3	5	5/16	2	3.81	470	493	7
16 x 8	16-1/8	8-15/16	6-3/4	0.40	3-1/2	5	5/16	2	4.23	550	578	7
18 x 8	19-1/8	8-15/16	6-3/4	0.40	3-1/8	6	5/16	2	4.64	615	650	7

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX. **Reference Punching Chart on page 112. Special punching available upon request.

NEW SIZES

High Speed Centrifugal Discharge 210 - 900 FPM

CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



CC-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent 8,240,070

THE MAXI-LIFT **CC-MAX**

UPGRADE TO THE ULTIMATE CC STYLE BUCKET

**TODAY'S ELEVATORS DEMAND THE
UPGRADED CC-MAX:
ALL THE ADVANTAGES OF THE TRADITIONAL CC STYLE
WITH THICKER WEAR POINTS**

PATENTED DESIGN:
HIGH ROUNDED SIDES, BREAKS IN THE BOTTOM
AND A HEAVIER, THICKER FRONT LIP

UPGRADE FROM BLUE* TO GRAY:
SET THEM SIDE BY SIDE AND DECIDE FOR YOURSELF

FEATURES & BENEFITS

- Thicker Lip - Up to 20%
- Thicker Corners - Up to 20%
- More Capacity - Up to 5%
- Clean Discharge
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increase & Maintain Capacity Longer
- Decreases Elevator Down Time
- Resists Hang-Ups



Reinforced Construction



Heavy Front Lip



Traditional CC Breaks



Traditional CC Style Ears

* The color blue, when used in connection with elevator buckets, is a U.S. registered trademark owned by Tapco Inc.

CC-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent 8,240,070



CC MAX®



CC MAX®

AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	Gray, White	Tan	Green	White
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.

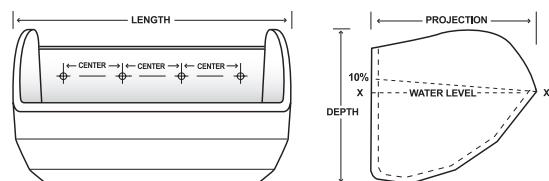


OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

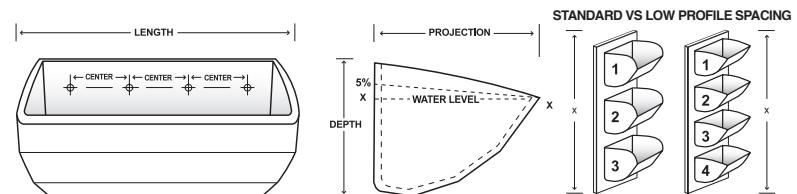
CC-MAX® STANDARD PROFILE

The **CC-MAX Heavy Duty** elevator bucket is a grade above older CC style buckets. It has the traditional shape, fill and discharge characteristics, with the thicker wear surfaces our buckets are famous for. The result is longer life and greater performance. **CC-MAX** buckets are direct replacements for CC and other standard bucket styles, and provide exceptional performance in most agricultural applications. Standard spacing is nominal projection plus 1". The recommended belt width for a single row of buckets is actual bucket width plus 1".



CC-MAX® LOW PROFILE

The **CC-MAX Low-Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **CC-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



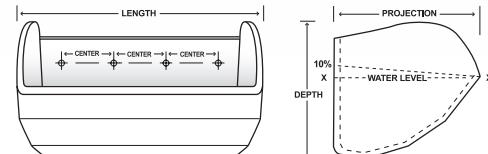
CC-MAX® HEAVY DUTY

Standard Profile: Polyethylene

U.S. Patent 8,240,070



CC MAX®



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

CC-MAX® Heavy Duty: Polyethylene

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level + 10%	Std. Spacing
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.53	38.30	42.13	5
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.58	45.38	49.92	5
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.65	52.10	57.31	5
6 x 5	6-1/2	5-1/2	5	0.26	4-3/8	2	1/4	1-11/16	0.89	70.87	77.96	6
7 x 5	7-1/2	5-1/2	5	0.26	2-11/16	3	1/4	1-11/16	0.99	80.75	88.83	6
8 x 5	8-1/2	5-1/2	5	0.26	3-1/16	3	1/4	1-11/16	1.10	90.85	99.94	6
9 x 5	9-1/2	5-1/2	5	0.26	3-5/8	3	1/4	1-11/16	1.18	100.99	111.09	6
10 x 5	10-1/2	5-1/2	5	0.26	4-1/8	3	1/4	1-11/16	1.31	114.22	125.64	6
11 x 5	11-1/2	5-1/2	5	0.26	3	4	1/4	1-11/16	1.45	127.44	140.18	6
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.40	136.00	149.6	7
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	1.52	149.19	164.11	7
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	1.64	166.89	183.58	7
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	1.73	180.62	198.68	7
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	1.91	200.76	220.83	7
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.13	215.00	236.50	7
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	2.35	236.00	259.60	8
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	2.44	247.74	272.52	8
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	2.63	267.27	293.99	8
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	2.78	284.60	316.93	8
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	2.94	303.57	333.93	8
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	3.10	335.00	368.50	8
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	3.29	350.87	385.95	8
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	3.25	373.00	409.00	9
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	3.51	404.00	440.00	9
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	3.76	435.07	478.58	9
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	4.30	515.62	567.18	9
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	4.79	580.61	638.67	9
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	5.85	655.00	720.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

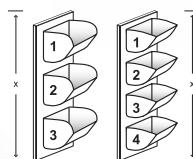
CC-MAX® HEAVY DUTY

Low Profile: Polyethylene, Nylon, Urethane

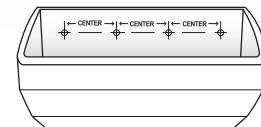
U.S. Patent 8,240,070



CC MAX®



STANDARD VS LP SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

CC-MAX® Heavy Duty Low Profile

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level + 5%	Std. Spacing
5 x 4	5-1/2	4-1/2	2-3/4	0.21	3-3/16	2	1/4	1	0.43	0.49	0.58	38.30	40.22	3
6 x 4	6-1/2	4-1/2	2-3/4	0.21	4-3/8	2	1/4	1	0.50	0.58	0.68	45.38	47.65	3
7 x 4	7-1/2	4-1/2	2-3/4	0.21	2-11/16	3	1/4	1	0.56	0.64	0.76	52.10	54.70	3
6 x 5	6-1/2	5-1/2	3-3/4	0.26	4-3/8	2	1/4	1	0.74	0.85	1	70.87	74.41	4
7 x 5	7-1/2	5-1/2	3-3/4	0.26	2-11/16	3	1/4	1	0.85	0.98	1.15	80.75	84.79	4
8 x 5	8-1/2	5-1/2	3-3/4	0.26	3-1/16	3	1/4	1	0.95	1.09	1.28	90.85	95.39	4
9 x 5	9-1/2	5-1/2	3-3/4	0.26	3-5/8	3	1/4	1	1.01	1.16	1.36	100.99	106.04	4
10 x 5	10-1/2	5-1/2	3-3/4	0.26	4-1/8	3	1/4	1	1.13	1.3	1.53	114.22	119.93	4
11 x 5	11-1/2	5-1/2	3-3/4	0.26	3	4	1/4	1	1.24	1.43	1.67	127.44	133.81	4
8 x 6	8-9/16	6-5/8	4-3/4	0.27	3-1/16	3	1/4	1	1.16	1.33	1.57	136.00	142.00	5
9 x 6	9-9/16	6-5/8	4-3/4	0.27	3-5/8	3	1/4	1	1.28	1.47	1.73	149.19	156.65	5
10 x 6	10-9/16	6-5/8	4-3/4	0.27	4-1/8	3	1/4	1	1.38	1.59	1.86	166.89	175.23	5
11 x 6	11-9/16	6-5/8	4-3/4	0.27	3	4	1/4	1	1.50	1.73	2.03	180.62	189.65	5
12 x 6	12-9/16	6-5/8	4-3/4	0.27	3-3/8	4	1/4	1	1.65	1.9	2.23	200.76	210.79	5
13 x 6	13-9/16	6-5/8	4-3/4	0.27	3-5/8	4	1/4	1	1.77	2.04	2.39	215.00	225.75	5
10 x 7	10-9/16	7-7/8	5-3/4	0.32	4-1/8	3	5/16	1	2.05	2.36	2.77	236.00	247.80	6
11 x 7	11-9/16	7-7/8	5-3/4	0.32	3	4	5/16	1	2.14	2.46	2.89	247.74	260.13	6
12 x 7	12-9/16	7-7/8	5-3/4	0.32	3-3/8	4	5/16	1	2.30	2.65	3.11	267.27	280.63	6
13 x 7	13-9/16	7-7/8	5-3/4	0.32	3-5/8	4	5/16	1	2.42	2.78	3.27	284.60	302.53	6
14 x 7	14-9/16	7-7/8	5-3/4	0.32	3	5	5/16	1	2.54	2.92	3.43	303.57	318.75	6
15 x 7	15-9/16	7-7/8	5-3/4	0.35	3-1/4	5	5/16	1	2.74	3.15	3.7	335.00	351.75	6
16 x 7	16-9/16	7-7/8	5-3/4	0.35	2-7/8	6	5/16	1	2.93	3.37	3.96	350.87	368.41	6
12 x 8	12-9/16	8-7/8	6-3/4	0.35	3-3/8	4	5/16	1	2.96	3.4	4	373.00	391.65	7
13 x 8	13-9/16	8-7/8	6-3/4	0.35	3-5/8	4	5/16	1	3.51	3.8	4.46	404.00	424.20	7
14 x 8	14-9/16	8-7/8	6-3/4	0.35	3	5	5/16	1	3.30	4.36	5.12	435.07	456.83	7
16 x 8	16-9/16	8-7/8	6-3/4	0.38	2-7/8	6	5/16	1	3.79	4.82	5.66	515.62	541.40	7
18 x 8	18-9/16	8-7/8	6-3/4	0.39	3-1/8	6	5/16	1	4.19	6.03	7.07	580.61	609.64	7
20 x 8	20-9/16	8-7/8	6-3/4	0.42	3-1/2	6	5/16	1	5.24	6.73	7.90	655.00	688.00	7

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

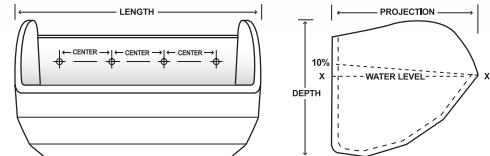
CC-MAX® HEAVY DUTY

Standard Profile: Nylon

U.S. Patent 8,240,070



CC MAX®



CC-MAX® Heavy Duty: Nylon

MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.		CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Water Level + 10%	Std. Spacing	
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.61	38.30	42.13	5	
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.70	45.38	49.92	5	
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.80	52.10	57.31	5	
6 x 5	6-1/2	5-1/2	5	0.26	4-3/8	2	1/4	1-11/16	1.02	70.87	77.96	6	
7 x 5	7-1/2	5-1/2	5	0.26	2-11/16	3	1/4	1-11/16	1.15	80.75	88.83	6	
8 x 5	8-1/2	5-1/2	5	0.26	3-1/16	3	1/4	1-11/16	1.25	90.85	99.94	6	
9 x 5	9-1/2	5-1/2	5	0.26	3-5/8	3	1/4	1-11/16	1.35	100.99	111.09	6	
10 x 5	10-1/2	5-1/2	5	0.26	4-1/8	3	1/4	1-11/16	1.51	114.22	125.64	6	
11 x 5	11-1/2	5-1/2	5	0.26	3	4	1/4	1-11/16	1.67	127.44	140.18	6	
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.61	136.00	149.6	7	
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	1.75	149.19	164.11	7	
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	1.89	166.89	183.58	7	
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	1.95	180.62	198.68	7	
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	2.20	200.76	220.83	7	
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.45	215.00	236.50	7	
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	2.70	236.00	259.60	8	
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	2.81	247.74	272.52	8	
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	3.02	267.27	293.99	8	
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	3.20	284.60	316.93	8	
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	3.40	303.57	333.93	8	
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	3.57	335.00	368.50	8	
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	3.78	350.87	385.95	8	
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	3.74	373.00	409.00	9	
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	4.03	404.00	443.79	9	
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	4.32	435.07	478.58	9	
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	4.85	515.62	567.18	9	
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	5.30	580.61	638.67	9	
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	6.73	655.00	720.00	9	

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

OTHER CONSIDERATIONS

DRILLING: Elevator buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

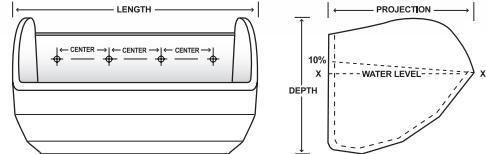
CC-MAX® HEAVY DUTY

Standard Profile: Urethane

U.S. Patent 8,240,070



CC MAX®



CC-MAX® Heavy Duty: Urethane

MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level + 10%	Std. Spacing
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.72	38.30	40.22	5
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.80	45.38	47.65	5
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.88	52.10	54.70	5
6 x 5	6-1/2	5	5	0.26	4-3/8	2	1/4	1-11/16	1.20	70.87	74.41	6
7 x 5	7-1/2	5	5	0.26	2-11/16	3	1/4	1-11/16	1.40	80.75	84.79	6
8 x 5	8-1/2	5	5	0.26	3-1/16	3	1/4	1-11/16	1.50	90.85	95.39	6
9 x 5	9-1/2	5	5	0.26	3-5/8	3	1/4	1-11/16	1.65	100.99	106.04	6
10 x 5	10-1/2	5	5	0.26	4-1/8	3	1/4	1-11/16	1.77	114.22	119.93	6
11 x 5	11-1/2	5	5	0.26	3	4	1/4	1-11/16	1.96	127.44	133.81	6
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.95	136.00	142.00	7
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	2.10	149.19	156.65	7
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	2.25	166.89	175.23	7
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	2.40	180.62	189.65	7
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	2.55	200.76	210.79	7
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.88	215.00	225.75	7
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	3.17	236.00	247.80	8
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	3.29	247.74	260.13	8
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	3.55	267.27	280.63	8
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	3.75	284.60	302.53	8
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	3.97	303.57	318.75	8
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	4.19	335.00	351.75	8
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	4.44	350.87	368.41	8
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	4.39	373.00	391.65	9
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	4.73	404.00	424.24	9
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	5.08	435.07	456.83	9
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	5.81	515.62	541.40	9
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	6.47	580.61	609.64	9
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	7.90	655.00	688.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings.

Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

SPACING: See elevator bucket spacing details in the size chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



DURA-BUKET® SS SUPER STRENGTH

High Speed Centrifugal Discharge 220 - 900 FPM

THE MAXI-LIFT DURA-BUKET

THE ORIGINAL PLASTIC ELEVATOR BUCKET

**THE BUCKET THAT STARTED IT ALL:
ELEVATING GRAINS, FERTILIZERS
AND FEED FOR OVER 60 YEARS.**

BETTER DISCHARGE:
**THE SS DISCHARGES EARLIER, GIVING MORE
TIME FOR MATERIAL TO FLOW OUT OF BUCKET.**

DURABLE. IT'S IN THE NAME:
**DURABLE-BUCKET: AFTER HALF A CENTURY,
NOT MUCH REMAINS TO BE SAID.**

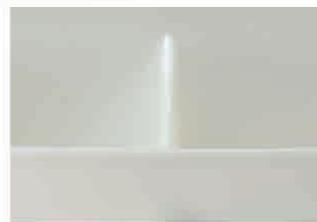


FEATURES & BENEFITS

- Lightweight
- Shape Memory
- Cleaner Discharge
- Tapered End Cap Design
- Non-Corrosive, Non-Sparking
- Resists Hang-Ups



Traditional Raised Ears



Front Lip



Center Brace



Corners

DURA-BUKET® SS

High Speed Centrifugal Discharge 220 - 900 FPM



Dura-Buket



Dura-Buket

AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	White Grain & Food Products	Tan (Special Run Buckets, Not Stock Item)	Green (Special Run Buckets, Not Stock Item)	White (Special Run Buckets, Not Stock Item)
Temperature Range	-120° F to + 180° F (210° F Intermittent)	Hot, high impact, abrasive dense products -60° F to + 300° F (350° F Intermittent)	Heavy abrasion, sticky materials -60° F to + 180° F (210° F Intermittent)	Hot, high impact, abrasive food grade products -60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

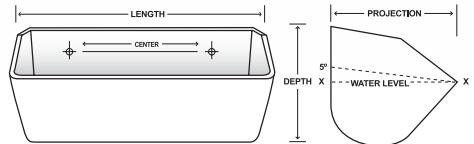
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

DURA-BUKET® SS

Standard Profile: Polyethylene



Dura-Buket®



DURA-BUKET SS: Polyethylene

BUCKET SIZE, INCHES*				PUNCHING, IN.**				LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Poly H.D.P.E.	Water Level x-x	Usable 5° over x - 5°	Minimum Spacing
4 x 3	4-1/4	3-1/8	3	2-1/4	2	1/4	1	0.17	10.40	11.00	4
5 x 4	5-1/4	4-1/8	3-3/4	3-3/16	2	1/4	1	0.31	24.40	29.90	5
6 x 4	6-1/4	4-1/8	3-3/4	4-3/8	2	1/4	1	0.35	30.80	33.10	5
7 x 4	7-1/4	4-1/8	3-3/4	2-11/16	3	1/4	1	0.40	33.60	36.70	5
6 x 5	6-3/8	5-1/4	4-7/8	4-3/8	2	1/4	1-1/4	0.59	47.10	52.00	6
7 x 5 +	7-3/8	5-1/4	4-7/8	2-5/8	3	1/4	1-1/4	0.61	61.60	62.40	6
8 x 5	8-3/8	5-1/4	4-7/8	3-1/16	3	1/4	1-1/4	0.73	67.70	69.80	6
9 x 5	9-3/8	5-1/4	4-7/8	3-1/4	3	1/4	1-1/4	0.80	69.60	77.10	6
8 x 6	8-3/8	6-3/8	6-1/4	3-1/16	3	1/4	1-1/4	1.02	104.40	107.70	7
9 x 6 +	9-3/8	6-5/8	6-1/4	3-1/2	3	1/4	1-1/4	1.12	124.50	132.20	7
10 x 6	10-3/8	6-3/8	6-1/4	4	3	1/4	1-3/4	1.14	128.20	145.80	7
11 x 6	11-3/8	6-3/8	6-1/4	3	4	1/4	1-3/4	1.26	147.70	157.90	7
12 x 6 ° +	12-3/8	6-3/4	6-1/2	3-3/8	4	1/4	1-3/4	1.70	172.10	183.60	7
13 x 6 °	13-3/8	6-3/4	6-1/2	3-5/8	4	1/4	1-3/4	1.95	196.50	208.70	7
10 x 7	10-3/8	7-3/8	7-1/4	4	3	5/16	1-3/4	1.54	175.80	187.30	8
11 x 7	11-3/8	7-3/8	7-1/4	3	4	5/16	1-3/4	1.65	210.50	216.70	8
12 x 7 °	12-3/8	7-3/8	7-1/4	3-3/8	4	5/16	1-3/4	2.02	223.20	241.10	8
13 X 7 °	13-3/8	7-3/8	7-1/4	3-5/8	4	5/16	1-3/4	2.17	236.80	244.80	8
14 X 7 °	14-3/8	7-3/8	7-1/4	3	5	5/16	1-1/2	2.29	269.70	290.10	8
15 x 7 °	15-3/8	7-3/8	7-1/4	3-1/4	5	5/16	1-1/2	2.35	284.40	295.00	8
16 x 7 °	16-3/8	7-3/8	7-1/4	3-1/2	5	5/16	1-1/2	2.55	289.90	304.80	8
12 x 8 °	12-3/8	8-3/8	8-1/4	3-3/8	4	5/16	1-3/4	2.33	272.50	299.90	9
14 x 8 °	14-3/8	8-3/8	8-1/4	3	5	5/16	1-1/2	2.58	324.70	364.80	9
16 x 8 °	16-3/8	8-3/8	8-1/4	3-1/2	5	5/16	2	3.33	362.50	407.60	9
18 x 8 °	18-3/8	8-3/8	8-1/4	3-1/8	6	5/16	2	3.75	404.90	440.60	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

Indicates SS and LP punch patterns differ. **Reference Punching Chart on page 112.

• Buckets with 12" lengths and up have a center brace. • Buckets are designed without ears on the ends of the parts.

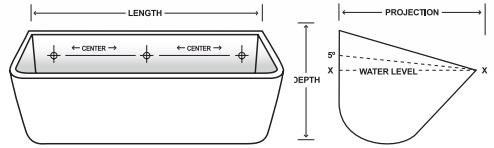
High Speed Centrifugal Discharge 220 - 900 FPM

DURA-BUKET® LP

Low Profile: Polyethylene



Dura-Buket®



DURA-BUKET LP: LOW PROFILE

BUCKET SIZE, INCHES*				PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Poly H.D.P.E.	Water Level X-X	Usable 5° over X - 5°	Minimum Spacing
4 x 3	4	3-1/8	3	2-1/4	2	1/4	1	0.15	10.4	11.0	3
5 x 4	5-1/8	4-1/8	3	3-3/16	2	1/4	1	0.25	24.4	29.9	3-1/4
6 x 4	6-1/8	4-1/8	3	4-1/4	2	1/4	1	0.29	30.8	33.1	3-1/4
7 x 4	7-1/8	4-1/8	3	2-5/8	3	1/4	1	0.34	33.6	36.7	3-1/4
6 x 5	6-1/8	5-1/4	3-3/4	4-1/4	2	1/4	1	0.47	47.1	52.0	3-3/4
7 x 5	7-1/8	5-1/4	3-3/4	2-5/8	3	1/4	1	0.51	61.6	62.4	3-3/4
8 x 5	8-1/8	5-1/4	3-3/4	3-1/16	3	1/4	1	0.52	67.7	69.8	3-3/4
9 x 5	9-1/8	5-1/4	3-3/4	3-1/4	3	1/4	1	0.64	69.6	77.1	3-3/4
8 x 6	8-1/8	6-3/8	4-1/2	2-11/16	3	5/16	1	0.80	104.4	107.7	4-3/8
9 x 6	9-1/8	6-5/8	4-1/2	3-1/2	3	5/16	1	0.93	124.5	132.2	4-3/8
10 x 6	10-1/8		4-1/2	4	3	5/16	1	0.87	128.2	145.8	4-3/8
11 x 6	11-1/8	6-3/8	4-1/2	2-7/8	4	5/16	1	0.98	147.7	157.9	4-3/8
12 x 6 °	12-1/8	6-3/4	5	3-1/4	4	5/16	1	1.43	172.1	183.6	5
13 x 6 °	13-1/8	6-3/4	5	3-5/8	4	5/16	1	1.61	196.5	208.7	5
10 x 7	10-1/8	7-3/8	5-1/4	4	3	5/16	1	1.25	175.8	187.3	5
11 x 7	11-1/8	7-3/8	5-1/4	3	4	5/16	1	1.25	210.5	216.7	5
12 x 7 °	12-1/8	7-3/8	5-1/4	3-1/4	4	5/16	1	1.64	223.2	241.1	5
13 X 7 °	13-1/8	7-3/8	5-1/4	3-5/8	4	5/16	1	1.71	236.8	244.8	5
14 X 7 °	14-3/8	7-3/8	5-1/4	4	4	5/16	1	1.83	269.7	290.1	5
15 x 7 °	15-1/8	7-3/8	5-1/4	2-5/8	6	5/16	1	1.97	284.4	295.0	5
16 x 7 °	16-1/8	7-3/8	5-1/4	2-5/8	6	5/16	1	2.06	289.9	304.8	5
12 x 8 °	12-1/8	8-3/8	5-3/4	3-1/4	4	5/16	1-1/4	1.87	272.5	299.9	5-1/2
14 x 8 °	14-1/8	8-3/8	5-3/4	4	4	5/16	1-1/4	2.05	324.7	364.8	5-1/2
16 x 8 °	16-1/8	8-3/8	5-3/4	2-5/8	6	5/16	1-1/4	2.72	362.5	407.6	5-1/2
18 x 8 °	18-1/4	8-3/8	5-3/4	3-1/8	6	5/16	1-1/4	3.00	404.9	440.6	5-1/2

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates SS and LP punch patterns differ. **Reference Punching Chart on page 112.

° Buckets with 12" lengths and up have a center brace.

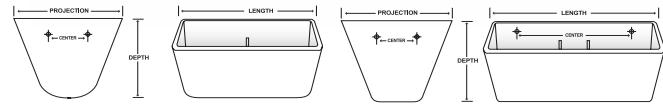
High Speed Centrifugal Discharge 220 - 900 FPM

DURA-BUKET® PEANUT BUCKET

No Ears - Style P: Polyethylene



Dura-Buket®



NO EARS - STYLE P: PEANUT BUCKET

BUCKET SIZE, INCHES*				PUNCHING, INCHES					WEIGHT, LBS.	CAPACITY, CU. IN.
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Top Side to Center	H.D.P.E.	Water Level X-X
6 x 4	6-1/4	4-1/8	3	2	2 (Ends)	1/4	1	1	0.33	47.47
7 x 5	7-3/8	5-1/4	4	2	2 (Ends)	1/4	7/8	7/8	0.60	91.53
9 x 5	9-3/8	5-1/4	4	2	2 (Ends)	1/4	1	1	0.79	117.77
9 x 6	9-3/8	6-5/8	5-1/2	2	2 (Ends)	1/4	1	1	1.09	192.82
12 x 6	12-3/8	6-3/4	5-1/2	2	2 (Ends)	1/4	1	1	1.63	257.08
18 x 6	17-3/4	7-3/4	5-1/2	2	2 (Ends)	1/4	1	1	2.85	408.83
24 x 6	24-3/16	7-3/4	5-1/2	2	2 (Ends)	1/4	1	1	3.23	610.23
11 x 7	11-3/8	7-3/8	6	2	2 (Ends)	1/4	1	1	1.56	314.25
14 x 7	14-3/8	7-3/8	6-1/4	2	2 (Ends)	1/4	1	1	2.23	414.94
16 x 7	16-3/8	7-3/8	6	2	2 (Ends)	1/4	1	1	2.53	434.46
12 x 8	12-3/8	8-3/8	7	2	2 (Ends)	1/4	1	1	2.26	408.83
18 x 8	18-1/8	8-7/8	7-1/16	2	2 (Ends)	1/4	1	1	3.25	404.90
24 x 10	24	9-1/8	7-5/8	2-1/2	2 (Ends)	3/8	3-1/4	1	5.86	1067.85

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier application.

VENTING: Available as needed. See venting options in this catalog.

CC STEEL, STEEL DIGGER BUCKETS

Fabricated Steel Buckets



CC-STEEL ELEVATOR BUCKET

(See Chart on Pg 48)



STEEL DIGGER ELEVATOR BUCKETS

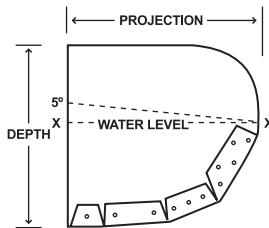
(CC-DIGGER SHOWN)

(See Chart on Pg 49)

**CUSTOM SIZES OF STEEL DIGGER
ELEVATOR BUCKETS
AVAILABLE UPON REQUEST**

STANDARD DUTY CC-STEEL

The **CC STEEL** Elevator Buckets is made of mild steel for mounting on belt or chain. Traditional agriculture style bucket can also be transformed into a heavier gauge steel for lighter weight industrial duty applications. Elevator buckets can be made from 18GA to 1/4" thick carbon steel and stainless steel. Buckets are vented as #3 standard. Buckets are spot welded.

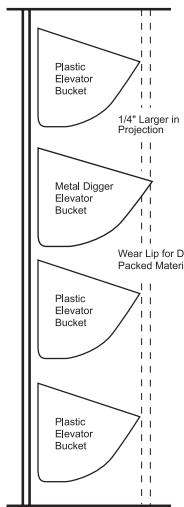


FEATURES & BENEFITS

- Traditional CC Shape
- High Speed
- High Capacity
- High Wear Resistance

STEEL DIGGER BUCKETS

Maxi-Lift **DIGGER** buckets aid in breaking up material in the boot section of a bucket elevator. Diggers extend 1/4" further than plastic elevator buckets. Weights and dimensions will vary. Tolerance is a 1/4" on all bucket dimensions except bolt hole diameter which is 1/16". Capacity is based off of plastic elevator buckets of similar style. Buckets available in carbon or stainless steel. Additional AR wear lips, back plates and venting available upon request. Buckets available in other gauges including 14GA, 12GA, 10GA, 7GA, 1/4" thick.

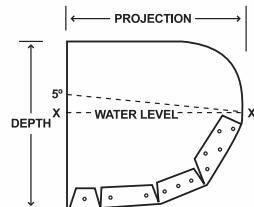


FEATURES & BENEFITS

- Thicker Walls, Heavy Front Lip for Digging
- Increase Plastic Bucket Life
- Breaks Packed Materials
- Easy to Install

STANDARD DUTY CC STEEL

Other Sizes Available Upon Request



CC-STEEL ELEVATOR BUCKET

STANDARD DUTY CC METAL

BUCKET SIZE, INCHES			PUNCHING, INCHES			WEIGHT, LBS.		CAPACITY, CU. IN.		
BUCKET SIZE	P Proj.	D Depth	Centers	# of Holes	Bolt Size	Standard Gauge	Approx. Weight - LBS.	Gross Capacity Cu. In.	Minimum Spacing	Number Per Carton
4 x 3	3-3/16	2-11/16	2-1/2	2	1/4	16	.62	22	5	84
4 x 4	4-3/16	4	2-1/2	2	1/4	18	.90	39	6	84
5 x 4	4-3/16	4	3-3/16	2	1/4	18	.95	52	6	84
6 x 4	4-3/16	4	4-3/8	2	1/4	18	1.10	62	6	84
7 x 4	4-3/16	4	2-11/16	3	1/4	18	1.25	70	6	84
8 x 4	4-3/16	4	3-1/16	3	1/4	18	1.50	79	6	84
9 x 4	4-3/16	4	3-5/8	3	1/4	18	1.70	90	6	56
6 x 5	5-1/4	5	4-3/8	2	1/4	16	1.60	94	7	54
7 x 5	5-1/4	5	2-11/16	3	1/4	16	1.75	110	7	54
8 x 5	5-1/4	5	3-1/16	3	1/4	16	2.00	125	7	54
9 x 5	5-1/4	5	3-5/8	3	1/4	16	2.50	140	7	36
10 x 5	5-1/4	5	4-1/8	3	1/4	16	2.70	155	7	36
11 x 5	5-1/4	5	3	4	1/4	16	2.90	170	7	36
12 x 5	5-1/4	5	3-3/8	4	1/4	16	3.00	185	7	36
7 x 6	6-5/16	6	2-11/16	3	1/4	16	2.85	155	8	36
8 x 6	6-5/16	6	3-1/16	3	1/4	16	3.10	178	8	36
9 x 6	6-5/16	6	3-5/8	3	1/4	16	3.40	202	8	24
10 x 6	6-5/16	6	4-1/8	3	1/4	16	3.50	222	8	24
11 x 6	6-5/16	6	3	4	1/4	16	3.75	244	8	24
12 x 6	6-5/16	6	3-3/8	4	1/4	16	4.00	267	8	24
13 x 6	6-5/16	6	3-5/8	4	1/4	16	4.50	289	8	24
14 x 6	6-5/16	6	3	5	1/4	16	4.75	312	8	24
8 x 7	7-3/16	7	3-1/16	3	5/16	14	4.60	242	9	24
9 x 7	7-3/16	7	3-5/8	3	5/16	14	4.80	276	9	24
10 x 7	7-3/16	7	4-1/8	3	5/16	14	5.00	302	9	16
11 x 7	7-3/16	7	3	4	5/16	14	5.25	333	9	16
12 x 7	7-3/16	7	3-3/8	4	5/16	14	6.25	362	9	16
13 x 7	7-3/16	7	3-5/8	4	5/16	14	6.75	393	9	16
14 x 7	7-3/16	7	3	5	5/16	14	7.00	424	9	16
15 x 7	7-3/16	7	3-1/4	5	5/16	14	7.50	454	9	8
16 x 7*	7-3/16	7	2-7/8	6	5/16	14	8.00	486	9	8
18 x 7*	7-3/16	7	3-1/8	6	5/16	14	8.50	544	9	8
20 x 7*	7-3/16	7	3-1/2	6	5/16	14	9.25	605	9	8
22 x 7*	7-3/16	7	4	6	5/16	14	10.00	664	9	8
24 x 7*	7-3/16	7	3-1/2	7	5/16	14	10.75	725	9	8
9 x 8	8-1/8	8	3-5/8	3	5/16	14	5.60	349	10	16
10 x 8	8-1/8	8	4-1/8	3	5/16	14	6.10	388	10	16
11 x 8	8-1/8	8	3	4	5/16	14	6.75	427	10	16
12 x 8	8-1/8	8	3-3/8	4	5/16	14	7.50	466	10	16
13 x 8	8-1/8	8	3-5/8	4	5/16	14	7.75	505	10	16
14 x 8	8-1/8	8	3	5	5/16	14	8.25	543	10	16
15 x 8	8-1/8	8	3-1/4	5	5/16	14	8.50	582	10	8
16 x 8*	8-1/8	8	2-7/8	6	5/16	14	9.00	621	10	8
17 x 8*	8-1/8	8	3	6	5/16	14	9.50	660	10	8
18 x 8*	8-1/8	8	3-1/8	6	5/16	14	9.75	698	10	8
20 x 8*	8-1/8	8	3-1/2	6	5/16	14	10.75	776	10	8
22 x 8*	8-1/8	8	4	6	5/16	14	11.50	854	10	8
24 x 8*	8-1/8	8	3-1/2	7	5/16	14	12.00	931	10	8

* Supplied with lip brace. Lip brace is optional on other sizes at slightly higher cost. ** Other sizes available on request *** Indicates buckets are stocked vented and non-vented.

#3 Vent pattern does not include holes on ends of elevator bucket. Usable capacity is based on 75% gross capacity.

STEEL DIGGER BUCKETS

HD-MAX® CC-MAX® & TIGER-TUFF®



HD-MAX® STEEL DIGGERS

BUCKET SIZE, INCHES			
BUCKET SIZE	Length	Proj.	Depth
3 x 2	3-3/4	2-9/16	2-1/4
4 x 3	4-7/8	3-1/2	3
5 x 4	5-3/4	4-3/4	4
6 x 4	6-3/4	4-3/4	4
7 x 4	7-3/4	4-3/4	4
6 x 5	6-7/8	5-7/8	5
7 x 5	7-7/8	5-7/8	5
8 x 5	8-7/8	5-7/8	5
9 x 5	9-7/8	5-7/8	5
10 x 5	10-3/4	5-7/8	5
11 x 5	11-3/4	5-7/8	5
12 x 5	12-3/4	5-7/8	5
8 x 6	8-7/8	6-7/8	6
9 x 6	9-7/8	6-7/8	6
10 x 6	10-7/8	7-1/8	6
11 x 6	11-7/8	7-1/8	6
12 x 6	12-7/8	7-1/8	6
13 x 6	13-7/8	7-1/8	6
10 x 7	10-3/4	8	7-1/8
11 x 7	11-3/4	8	7-1/8
12 x 7	12-3/4	8	7-1/8
13 x 7	13-3/4	8	7-1/8
14 x 7	14-3/4	8	7-1/8
15 x 7	15-3/4	8	7-1/8
16 x 7	16-3/4	8	7-1/8
10 x 8	10-3/4	9	8
11 x 8	11-3/4	9	8
12 x 8	12-3/4	9	8
13 x 8	13-3/4	9	8
14 x 8	14-3/4	9	8
15 x 8	15-3/4	9	8
16 x 8	16-3/4	9	8
18 x 8	18-3/4	9	8

CC-MAX® STEEL DIGGERS

BUCKET SIZE, INCHES			
BUCKET SIZE	Length	Proj.	Depth
5 x 4	6	4-3/4	4-1/4
6 x 4	7	4-3/4	4-1/4
7 x 4	8	4-3/4	4-1/4
6 x 5	7	5-3/4	5
7 x 5	8	5-3/4	5
8 x 5	9	5-3/4	5
9 x 5	10	5-3/4	5
10 x 5	11	5-3/4	5
11 x 5	11-13/16	5-3/4	5
8 x 6	8-13/16	7-1/8	6
9 x 6	9-13/16	7-1/8	6
10 x 6	10-13/16	7-1/8	6
11 x 6	11-13/16	7-1/8	6
12 x 6	12-13/16	7-1/8	6
13 x 6	13-13/16	7-1/8	6
10 x 7	10-13/16	8-1/8	7
11 x 7	11-13/16	8-1/8	7
12 x 7	12-13/16	8-1/8	7
13 x 7	13-13/16	8-1/8	7
14 x 7	14-13/16	8-1/8	7
15 x 7	15-13/16	8-1/8	7
16 x 7	16-13/16	8-1/8	7
12 x 8	12-13/16	9-1/8	8-1/4
13 x 8	13-13/16	9-1/8	8-1/4
14 x 8	14-13/16	9-1/8	8-1/4
16 x 8	16-13/16	9-1/8	8-1/4
18 x 8	18-13/16	9-1/8	8-1/4
20 x 8	20-13/16	9-1/8	8-1/4

TIGER-TUFF® STEEL DIGGERS (Additional Sizes Available, Call for Details)

BUCKET SIZE, INCHES				PUNCHING, IN.			LBS.	CAP., CU. IN.	
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	10 GA Carbon Steel	Water Level X-X	Usable 5° over X-5°
12 x 7	13-3/8	8-1/8	7	3-3/8	4	5/16	15.70	283.18	312.06
13 x 7	14-3/8	8-1/8	7	3-5/8	4	5/16	16.35	292.51	323.22
14 x 7	15-3/8	8-1/8	7	3	5	5/16	17.00	331.49	365.30
15 x 7	16-3/8	8-1/8	7	3-1/4	5	5/16	17.65	346.64	383.38
16 x 7	17-3/8	8-1/8	7	2-7/8	6	5/16	18.30	379.90	418.65
11 x 8	12-3/8	8-1/8	8-1/4	3	4	5/16	17.33	340.02	374.70
12 x 8	13-3/8	9-1/8	8-1/4	3-3/8	4	5/16	18.90	373.00	411.08
13 x 8	13-7/8	9-1/8	8-1/4	3-5/8	4	5/16	19.90	404.85	446.15
14 x 8	15-7/8	9-1/8	8-1/4	3	5	5/16	21.30	436.80	481.35
16 x 8	17-1/2	9-3/4	8-1/8	2-7/8	6	5/16	23.10	512.57	566.39
18 x 8	19-1/2	9-3/4	8-1/4	3-1/8	6	5/16	25.20	567.49	627.08
20 x 8	21-1/2	9-3/4	8-1/4	3-1/2	6	5/16	27.00	646.81	714.73
22 x 8	23-1/2	9-3/4	8-1/4	4	6	5/16	29.43	701.90	757.40
24 x 8	25-1/2	9-3/4	8-1/4	3-1/2	7	5/16	31.37	763.40	831.08
16 x 10	17-1/2	11-3/4	10	2-7/8	6	5/16	30.00	795.70	875.37
18 x 10	19-1/4	11-1/2	10	3-1/8	6	5/16	32.50	910.00	1001.21
20 x 10	21-1/2	11-1/2	10	3-1/2	6	5/16	35.60	1032.5	1135.98

ELEVATOR BUNDLES

The Ultimate Belt Splice

NEW! ELEVATOR BUNDLES

ONE SOURCE, ONE SHIPMENT AND ONE INVOICE!

SAVINGS & CONVENIENCE FOR YOU
LESS PAPERWORK, PHONE CALLS,
AND WORRY... LOWER COSTS, FASTER
SHIPMENTS, AND LESS RISK

YOUR BENEFITS

NO HEADACHE OF RECEIVING
MULTIPLE SHIPMENTS...
LESS WORRY - BUCKET HOLES & BELT HOLES
MATCH EVERY TIME

SINGLE SOURCE: MAXI-LIFT
MAXI-LIFT STANDS BEHIND EVERY
COMPONENT OF YOUR ELEVATOR BUNDLE

MAXI-LIFT IS YOUR SINGLE SOURCE FOR...

- A Comprehensive Range of Agricultural & Industrial Duty Elevator Buckets
- A Complete Line of Elevator Belting, Available in Both Rubber & PVC
- A Full Array of Belt Splices / Belt Fastening Systems
- A Wide Scope of Elevator Bolts & Hardware Options...

All Available in a Single Order & Delivered in a Single Shipment!

BUNDLES BUCKETS & BELT



Buckets



Belting



Belt Splices



Elevator Bolts

HOW TO ORDER BUNDLES

One Source, One Invoice, One Shipment



HOW TO ORDER MAXI-LIFT BUNDLES

Plastic elevator buckets, belting, and hardware all from one source? That's MAXI-LIFT, your One-Stop-Shop for all your elevator needs. You get the most reliable elevator buckets and all the other bucket elevator components.

BUNDLE COMPONENTS:

STEP 1 Select Your Bucket

Bucket Style/Material: _____
 Bucket Size: _____
 Standard / Low Profile: _____
 Punching: _____
 Quantity: _____



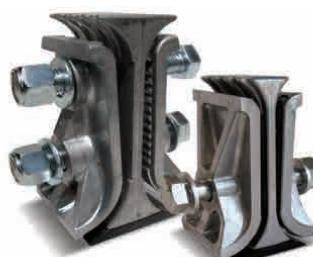
STEP 2 Select Your Belting

Belt Type (Rubber / PVC): _____
 Belt Thickness: _____
 Belt Width: _____
 Belt Length: _____
 Drilling / Buckets Per Row (see Punching above): _____
For more information on selecting the correct belting, see pgs 90-91.



STEP 3 Select Your Splices

Splice Type: _____
 Quantity: _____
For more information on selecting the correct splices, see pgs 92-94.



STEP 4 Select Your Elevator Bolts & Hardware

Bolt Type: _____
 Bolt Size: _____
 Quantity: _____
For more information on selecting the correct hardware, see pgs 96-97.



STEP 5 Select Other Items

Lagging, Pulleys, Urethane Sheet or Other Items?: _____

For more information on other products, see pgs 98-104.



STEP 6 Contact Maxi-Lift For a Quote

Call Toll Free 1-800-527-0657, and speak to a Maxi-Lift Representative who will walk you through your order one step at a time!

THREE FOR FREE ORDER FORM

Complete and Fax Back to: 972-735-8896

To begin seeing the unique advantages of our tougher, thicker, and longer lasting maximum duty elevator buckets, please complete the following information and fax this page to 972-735-8896. We will send you 3 FREE BUCKETS.

USER INFORMATION (Primary Bucket Contact)

Name _____ Title _____

Company Name _____

Shipping Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Current Bucket Supplier _____

1. Average Bucket Life _____

2. Current Bucket Brand Name _____

3. Size & Style Now in Use _____

4. Current Bucket Problem _____

5. Material Being Elevated _____

6. Current Belt Spacing _____

7. Hole Punch Spacing _____

8. Belt Width _____

SELECT BUCKET STYLE:



MAXIMUM DUTY



MAXIMUM DUTY



STACKABLE



HEAVY DUTY



HEAVY DUTY



MAXIMUM DUTY
INDUSTRIAL



MAXIMUM DUTY
INDUSTRIAL



MAXIMUM DUTY
INDUSTRIAL



MAXIMUM DUTY
INDUSTRIAL



* We are unable to pay for shipping expenses on samples shipping outside the U.S.
Free samples limited to injection molded designs

AGRICULTURAL

INDUSTRIAL

MAXI-LIFT



INDUSTRIAL ELEVATOR BUCKETS

UPGRADE TO THE TOUGHEST
ELEVATOR BUCKETS

- **MAXI-TUFF AA & MF**
MAXIMUM DUTY
- **TIGER-TUFF**
INDUSTRIAL
- **TIGER-CC**
INDUSTRIAL
- **DI-MAX AA & AC**
DUCTILE IRON
- **DIGGER BUCKETS**
WELDED STEEL
- **WELDED**
STEEL



MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM

THE MAXI-LIFT MAXI-TUFF AA

UPGRADE TO THE TOUGHEST INDUSTRIAL BUCKET

**THE #1 CONTINUOUS DISCHARGE
BUCKET IN NORTH AMERICA!
THE BEST BUCKET FOR TOUGH, ABRASIVE
INDUSTRIAL APPLICATIONS.**

**DESIGNED AND ENGINEERED FOR THE
TOUGHEST INDUSTRIAL MATERIALS
SAND, CEMENT, GLASS, AGGREGATE & MORE.**

FEATURES & BENEFITS

- Reduces Weight on Elevator up to 80%
- Up to 25% More Capacity than Cast Iron Buckets
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Easier to Install and Replace
- Cleaner Discharge than Steel Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel



Reinforced Corners



Heavy Front Lip



Front Ribs



Thick Back Wall

MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM



LAFARGE CEMENT TERMINAL REDUCES WEAR & NOISE WITH MAXI-TUFF®

When heavy cast iron buckets were in use at the Lafarge cement distribution terminal in Carrollton, Michigan, wear on steel chain and the head and tail sprockets resulted in excessive maintenance and replacement costs. According to Gene Meyers, manager of the Lafarge terminal, chains had to be replaced at 5-year intervals. "After more than two years of operation with MAXI-TUFF buckets, we see almost no chain or sprocket wear and the drive components are holding up much better than they did with iron buckets," said Meyers. Quieter operation is another bonus with the MAXI-TUFF buckets. "This gives us a real improvement in working conditions," Meyers said. Lafarge's 80 ft. elevator uses a total of 180 MAXI-TUFF buckets to convey upwards of 600 tons of cement daily. The nylon buckets tip the scales at only 4.25 lbs. each, versus 23 lbs. for the old cast iron buckets. The total weight of the MAXI-TUFF buckets is only 765 lbs., compared with 4,140 lbs. for the cast iron, a weight savings of more than 3,300 lbs.! Built to handle the toughest applications, the MAXI-TUFF paves the way for more efficient operation at Lafarge.

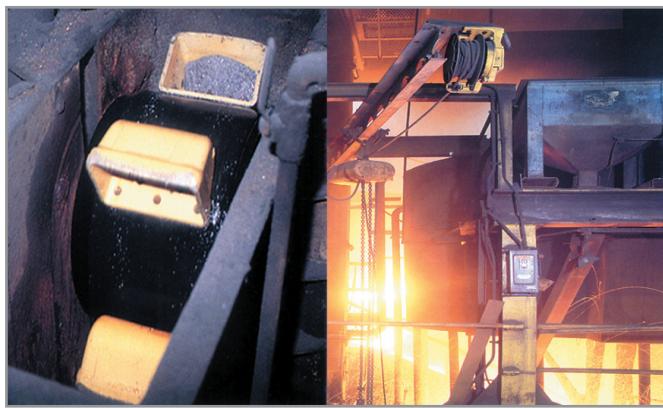
SILICA SAND PLANT REDUCES DOWN-TIME, CUTS COST WITH MAXI-TUFF®

Osburn Materials operates ten hours a day, six days a week cleaning and processing silica sand for use in foundries, oil field applications and water filtration facilities. Annually, they process over 300,000 tons of silica sand. Initially, Osburn Materials used heavy chain and steel buckets to convey their sand. It only took one chain failure for Bob Tooke to look for a more efficient solution. "When all that steel came crashing down, there was just too much damage," said Tooke, President of Osburn Materials. They decided to switch to the MAXI-TUFF nylon elevator buckets and after 4 years of service, an inspection of the buckets revealed almost no wear. "Not only is there no wear, but we have never had a MAXI-TUFF crack or break," said Clay Tooke. Osburn fitted their expansion elevators with MAXI-TUFF nylon AA style buckets. "We never considered any other buckets for the new legs," said Tooke. For their tough silica sand operation, Osburn Materials will rely on the MAXI-TUFF.



'HOT SHOT' ABRASIVES PLANT RACKS UP SAVINGS WITH MAXI-TUFF®

At National Metal Abrasives Inc., Wadsworth, Ohio, MAXI-TUFF elevator buckets are racking up cost savings as they transport 300 tons of steel shot daily. The fully automated plant runs 24 hours a day, seven days a week. Its two 102-foot tall bucket elevators remove freshly-formed shot from quenching pits and deliver it to dryers. In the past, cast iron buckets used on the elevator wore out every six months. Also, the uneven wear of the cast iron buckets caused frequent shutdowns for replacements. "We're getting three times as much life out of each (MAXI-TUFF) bucket. MAXI-TUFF buckets are tougher, lighter and they cost about the same as cast iron," says Maintenance Manager, Clyde Robison. Now, more than 2 1/2 years later, the MAXI-TUFF buckets are actually outlasting the belts themselves. "We have to replace the belts every 18 months; but when we do replace the belts, the buckets are still in serviceable condition," reports National Metal's Executive VP, Bob Fuller. In the most severe of applications, the MAXI-TUFF once again proves why it is considered the standard in industrial elevator buckets.



MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM



MAXI-TUFF® AA

ELEVATOR BUCKET

AVAILABLE MATERIALS

	NYLON	URETHANE	POLYETHYLENE	FDA NYLON
Color	Tan	Green	White	White
Application	Hot, high impact, abrasive, dense products -60° F to + 300° F (350° F Intermittent)	Heavy abrasion, sticky materials -60° F to + 180° F (210° F Intermittent)	Food Products -120° F to + 180° F (210° F Intermittent)	Hot, high impact, abrasive, dense products -60° F to + 300° F
Temperature Range				
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS



AGGREGATES

Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.



POWDERS

Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.



AND MORE

Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

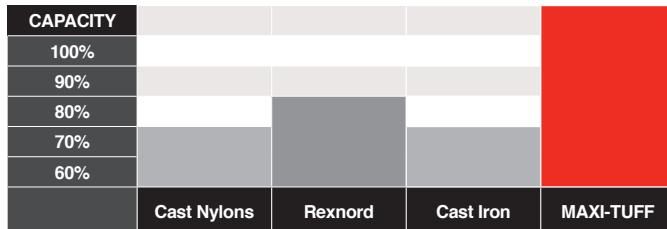
MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM



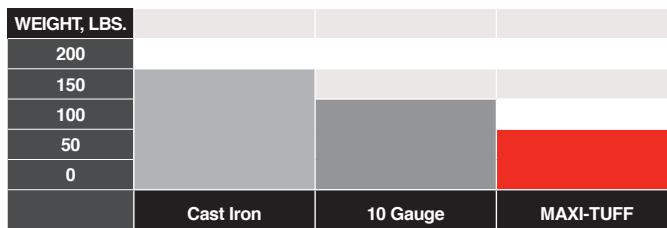
MAXI-TUFF® AA
ELEVATOR BUCKET

MORE CAPACITY: MORE CAPACITY



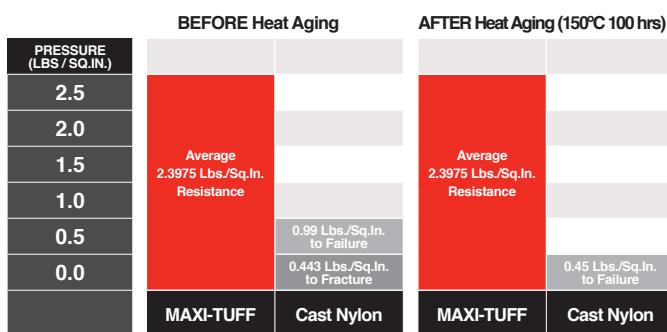
Call Maxi-Lift for specific size comparison. Data taken from published literature for each brand.

WEIGHT COMPARISON: LESS WEIGHT



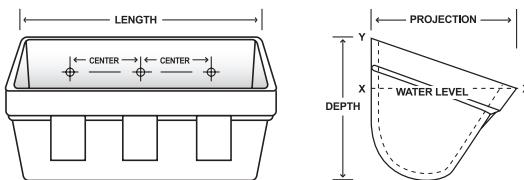
Lower value means lower weight.

IZOD IMPACT TEST: IMPACT RESISTANCE



MAXI-TUFF® AA MAXIMUM DUTY

The MAXI-TUFF AA centrifugal elevator bucket has the traditional shape of a cast iron bucket. This bucket has a heavy reinforced lip and corners with a thickened back wall for mounting strength. Standard spacing is projection x 2. The most common applications include handling stone, sand, gravel, coal, fertilizer, clay, salt, limestone and cement. **MAXI-TUFF AA** bucket is the best bucket for tough, abrasive industrial applications.



INCREASE YOUR CARRYING CAPACITY

MAXI-TUFF's deeper profile and straighter sides give more carrying capacity than competing brands and cast iron buckets. Maximize your elevated capacity by installing like size MAXI-TUFF's. MAXI-TUFF elevator buckets average more capacity than other AA buckets.

LOWER THE WEIGHT IN YOUR ELEVATOR

MAXI-TUFF's non-metallic material reduces weight on your drives and other elevating components. It reduces wear and tear on the most costly elevator parts and reduces energy consumption; that saves money. MAXI-TUFF also reduces operating noise - a great secondary benefit. MAXI-TUFF weighs on average:

78.2% LESS THAN CAST IRON

69.3% LESS THAN 10 GAUGE STEEL

MORE IMPACT RESISTANT

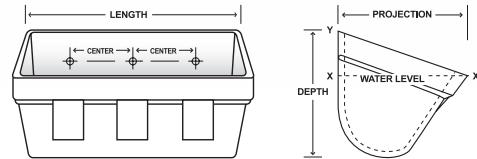
Maxi-Lift uses high pressure injection molding to manufacture the **MAXI-TUFF** bucket. The high pressure eliminates pockets and bubbles in the material. The result is a uniformly solid part. Other companies use a casting process to mold their buckets. Methods used to make the material pourable for castings leave bubbles and pockets in the finished part. The result is a bucket with a much lower impact resistance. Lab testing shows a significant difference in impact strength, tensile strength and elongation to break. Cast nylon also becomes brittle in heat testing, while our injection molded Nylon stays tough. **MAXI-TUFF's** superior impact strength means longer life in your rugged industrial application!

MAXI-TUFF® AA MAXIMUM DUTY

Nylon



MAXI-TUFF® AA ELEVATOR BUCKET



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® AA: NYLON

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std. Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.20	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.51	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.56	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.65	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	0.93	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.17	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.17	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.45	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.54	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.63	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	2.21	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	2.47	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	2.91	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	4.12	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	4.62	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	5.24	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	7.80	692.60	0.401	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of the catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. Call for recommendations.

DIGGER BUCKETS: Use slightly larger metal digger buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on a chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products. Special food grade nylon is also available for high heat applications.

SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, closer or wider spacing may be used).

MAXI-TUFF® AA MAXIMUM DUTY

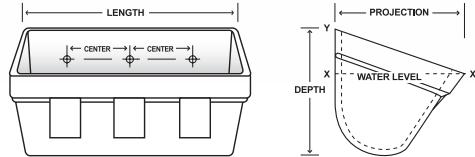
Urethane



MAXI-TUFF AA



MAXI-TUFF® AA ELEVATOR BUCKET



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® AA: URETHANE

BUCKET SIZE, INCHES					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Urethane	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std. Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.24	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.60	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.69	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.78	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	1.14	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.40	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.41	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.72	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.88	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.99	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	2.62	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	3.00	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	3.50	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	4.93	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	5.58	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	6.09	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	9.40	692.60	0.401	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

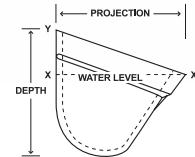
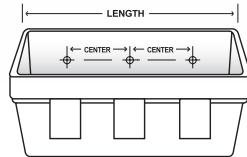
Slow Speed Centrifugal Discharge 125-450 FPM

MAXI-TUFF® AA MAXIMUM DUTY

Polyethylene



MAXI-TUFF® AA ELEVATOR BUCKET



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® AA: POLYETHYLENE

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	HDPE	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std. Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.18	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.44	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.49	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.56	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	0.82	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.02	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.02	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.23	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.39	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.43	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	1.95	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	2.21	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	2.57	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	3.64	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	4.12	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	4.52	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	6.83	692.60	0.401	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

Slow Speed Centrifugal Discharge 125-450 FPM

MAXI-TUFF® MF (MEDIUM FRONT)

Slow Speed Continuous Discharge 1-250 FPM



THE MAXI-LIFT MAXI-TUFF MF

MAXI-TUFF® MF
ELEVATOR BUCKET

UPGRADE TO THE TOUGHEST INDUSTRIAL BUCKET

**THE #1 SELLING PLASTIC INDUSTRIAL
BUCKET IN NORTH AMERICA!**

**THE BEST BUCKET FOR TOUGH,
ABRASIVE INDUSTRIAL APPLICATIONS.**

**DESIGNED AND ENGINEERED FOR THE
TOUGHEST INDUSTRIAL MATERIALS
SAND, CEMENT, GLASS, AGGREGATE, ETC.**



FEATURES & BENEFITS

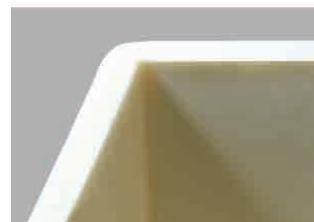
- Reduces Weight on Elevator up to 80%
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Cleaner Discharge than Steel Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel



Reinforced Corners



Heavy Front Lip



Thick Side Walls



Thick Back Wall

MAXI-TUFF® MF MAXIMUM DUTY

Slow Speed Continuous Discharge 1-250 FPM



MAXI-TUFF® MF

ELEVATOR BUCKET

AVAILABLE MATERIALS

	NYLON	URETHANE	POLYETHYLENE	FDA NYLON
Color	Tan	Green	White	White
Application	Hot, high impact, abrasive, dense products	Heavy abrasion, sticky materials	Food Products	Hot, high impact, abrasive, dense products
Temperature Range	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



AGGREGATES

Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.



POWDERS

Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.



AND MORE

Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

MAXI-TUFF® MF (MEDIUM FRONT)

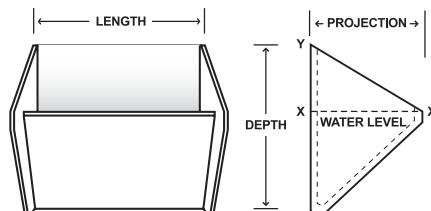
Nylon, Urethane, Polyethylene



MAXI-TUFF® MF
ELEVATOR BUCKET

MAXI-TUFF® MF MAXIMUM DUTY

The MAXI-TUFF MF Medium Front continuous elevator bucket has the traditional shape of an MF steel elevator bucket. It also has a heavy reinforced lip and corners with a thickened back wall for mounting strength. Standard vertical spacing is depth + 1/4". The most common applications include fertilizer, clay, alumina and pellets. The MAXI-TUFF MF is the best bucket for fluffy or free flowing materials or those which require gentle handling.



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® MF: CONTINUOUS DISCHARGE

BUCKET SIZE, INCHES*					WEIGHT, LBS.			CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Urethane	HDPE	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std. Spacing
8 x 5 x 7	8-1/4	5-1/2	7-1/2	0.380	1.97	2.37	1.70	80.56	0.047	8
10 x 5 x 7	10-1/4	5-1/2	7-1/2	0.395	2.32	2.86	2.04	94.90	0.055	8
12 x 7 x 11	12-1/4	7-1/2	11-1/2	0.350	4.00	4.80	3.62	172.63	0.100	12
14 x 7 x 11	14-1/4	7-1/2	11-1/2	0.325	4.53	5.33	3.88	201.30	0.117	12
16 x 7 x 11	16-1/4	7-1/2	11-1/2	0.325	4.97	5.97	4.39	238.81	0.138	12
18 x 7 x 11	18-1/4	7-1/2	11-1/2	0.325	5.83	6.74	4.95	244.31	0.141	12
12 x 8 x 11	12-1/4	8-1/2	11-1/2	0.325	4.81	5.65	4.32	274.60	0.159	12
14 x 8 x 11	14-1/4	8-1/2	11-1/2	0.325	5.26	-	4.57	335.61	0.194	12
16 x 8 x 11	16-1/4	8-1/2	11-1/2	0.325	5.81	-	5.17	396.63	0.230	12
18 x 8 x 11	18-1/4	8-1/2	11-1/2	0.325	6.77	-	5.83	467.65	0.271	12

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. Call for recommendations.

DIGGER BUCKETS: Use slightly larger metal digger buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

SPACING: Depth + 1/4" = most practical vertical spacing (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat washers and hex or locking nuts. If buckets are being installed on a chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

Special food grade nylon is also available for high heat applications.

Slow Speed Continuous Discharge 1-250 FPM

TIGER-TUFF® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

THE MAXI-LIFT **TIGER-TUFF**



THE INDUSTRIAL STRENGTH TIGER-TUFF

THICKER. TOUGHER. LASTS LONGER:
DESIGNED FOR THE TOUGHEST
APPLICATIONS - FOR THOSE WHO
DON'T HAVE TIME TO BE DOWN

ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS
GIVE THE LONGEST BUCKET LIFE



FEATURES & BENEFITS

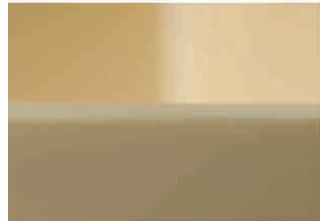
- More Capacity Than Typical AA Buckets
- Thicker Than Most AA Plastic Buckets
- Reduces Weight on Elevator up to 80%
- More Capacity than Cast Iron Buckets
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Easier to Install and Replace
- Cleaner Discharge
- Reduces Build-Up in Bottom of Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel



Thick Back Wall



Heavy Duty Construction



Heavy Front Lip



Reinforced Corners

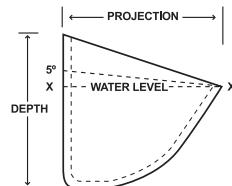
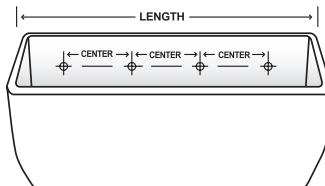
TIGER-TUFF® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM



TIGER-TUFF® INDUSTRIAL

The TIGER-TUFF Industrial is a maximum duty industrial elevator bucket, designed and engineered to maximize bucket life and elevated capacity. This will reduce down time and lower maintenance costs. The TIGER-TUFF Industrial bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include aggregate, sand, gravel, coal, gypsum, limestone, clay, cement and many, many more. The TIGER-TUFF Industrial is the maximum duty industrial bucket for your most demanding industrial applications.



AVAILABLE MATERIALS

	NYLON	POLYETHYLENE	URETHANE	FDA NYLON
Color	Tan	Orange	Green	White
Application	Hot, high impact, abrasive, dense products	Food Products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 300° F (350° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS



AGGREGATES

Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.



POWDERS

Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.



AND MORE

Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

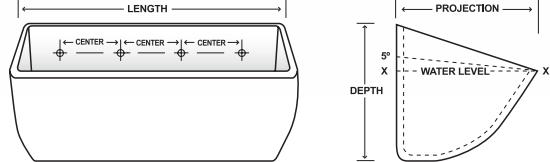
INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, closer or wider spacing may be used).

TIGER-TUFF® INDUSTRIAL

Nylon



TIGER-TUFF® INDUSTRIAL: Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness		Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std. Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.08	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.26	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.44	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.62	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.80	121.30	0.070	10
11 x 5	11 5/8	5 3/4	5	0.33	1.98	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.16	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.09	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.26	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.44	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.63	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.81	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.99	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.12	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.44	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.72	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.15	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.37	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	5.16	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	5.42	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	5.66	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	6.09	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	6.18	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	6.91	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	7.51	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	9.23	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	9.55	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	10.03	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	11.13	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	12.05	1032.50	0.598	20

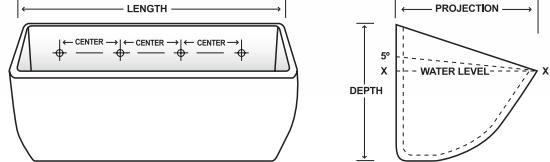
*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

FDA Nylon

All Special Run-minimum quantities and set up fees may occur



TIGER-TUFF® INDUSTRIAL: FDA Nylon

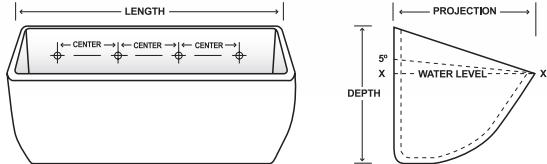
BUCKET SIZE, INCHES*					FDA Nylon	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness		Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std. Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.08	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.26	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.44	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.62	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.80	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	1.98	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.16	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.09	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.26	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.44	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.63	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.81	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.99	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.12	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.44	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.72	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.15	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.37	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	5.16	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	5.42	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	5.66	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	6.09	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	6.18	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	6.91	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	7.51	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	9.23	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	9.55	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	10.03	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	11.13	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	12.05	1032.50	0.598	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

Urethane



TIGER-TUFF® INDUSTRIAL: Urethane

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Urethane	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std. Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.18	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.38	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.57	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.77	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.97	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	2.16	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.36	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.28	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.47	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.67	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.87	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	3.05	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	3.25	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.48	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.82	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	5.14	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.56	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.79	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	6.02	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	6.36	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	6.65	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	7.15	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	7.35	512.57	0.297	16
18 x 8								
20 x 8								
22 x 8								
24 x 8								
16 x 10								
18 x 10								
20 x 10								

Not Available in this Material.

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

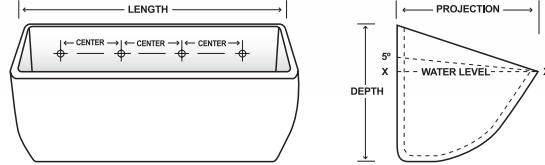
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

Polyethylene



TIGER-TUFF



® The color orange, as applied to buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-TUFF® INDUSTRIAL: Polyethylene

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness		HDPE	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.
6 x 5	6 5/8	5 3/4	5	0.33	0.94	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.10	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.25	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.41	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.57	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	1.72	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	1.88	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	1.82	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	1.97	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.13	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.29	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.44	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.60	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	3.60	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	3.86	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.14	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	4.47	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	4.68	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	4.45	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	4.71	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	4.92	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	5.30	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	5.35	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	5.89	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	6.62	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	7.85	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	8.50	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	8.87	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	9.83	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	10.57	1032.50	0.598	20

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Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

THE INDUSTRIAL **TIGER-CC**



TIGER-CC

INDUSTRIAL ELEVATOR BUCKETS®

THE INDUSTRIAL STRENGTH TIGER-CC

THICKER. TOUGHER. LASTS LONGER:
FOR THOSE WHO DON'T HAVE TIME
FOR DOWN-TIME

ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS
GIVE THE LONGEST BUCKET LIFE

ALL TIGER. ALL CC.



FEATURES & BENEFITS

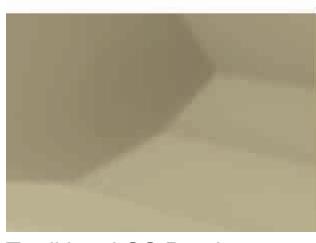
- Largest Capacity - Move More Material in a Single Row
- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- Heat, Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



Reinforced Corners



Heavy Front Lip



Traditional CC Breaks



Thick Back Wall

TIGER-CC® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM



AVAILABLE MATERIALS

	NYLON	POLYETHYLENE	URETHANE	FDA NYLON
Color				
Application	Hot, high impact, abrasive, dense products	Food Products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 300° F (350° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS



AGGREGATES

Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.



POWDERS

Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.



AND MORE

Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA NYLON: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

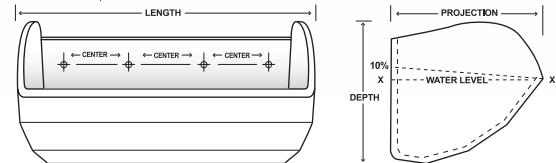
SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, closer or wider spacing may be used).

TIGER-CC® INDUSTRIAL

Nylon



TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



TIGER-CC® INDUSTRIAL: Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4.18	217	0.126	14
11 x 7	11-7/8	8-1/8	6-7/8	0.50	4.47	236	0.137	14
12 x 7	12-7/8	8-1/8	6-7/8	0.50	4.69	258	0.149	14
13 x 7	13-7/8	8-1/8	6-7/8	0.50	4.99	300	0.173	14
14 x 7	14-7/8	8-1/8	6-7/8	0.50	5.27	313	0.181	14
15 x 7	15-7/8	8-1/8	6-7/8	0.50	5.54	339	0.196	14
16 x 7	16-7/8	8-1/8	6-7/8	0.50	5.79	352	0.204	14
12 x 8	12-7/8	9-1/4	8-7/8	0.55	5.68	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	6.26	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	6.84	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	7.66	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	8.35	655	0.379	16
18 x 10	19	11-1/2	10-3/8	0.70	13.41	915	0.529	20
20 x 10	21	11-1/2	10-3/8	0.70	14.20	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	14.62	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	15.08	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	15.66	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	16.23	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	16.70	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	17.17	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	17.75	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	18.13	1400	0.810	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings.

Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

FDA Nylon

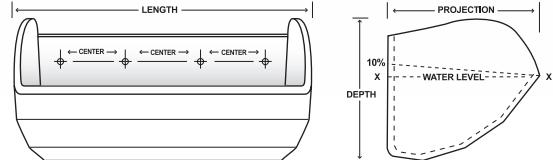
All Special Run-minimum quantities and set up fees may occur



**NEW SIZES!
ENHANCED DESIGNS**



TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



TIGER-CC® INDUSTRIAL: FDA Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	FDA Nylon	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4.18	217	0.126	14
11 x 7	11-7/8	8-1/8	6-7/8	0.50	4.47	236	0.137	14
12 x 7	12-7/8	8-1/8	6-7/8	0.50	4.69	258	0.149	14
13 x 7	13-7/8	8-1/8	6-7/8	0.50	4.99	300	0.173	14
14 x 7	14-7/8	8-1/8	6-7/8	0.50	5.27	313	0.181	14
15 x 7	15-7/8	8-1/8	6-7/8	0.50	5.54	339	0.196	14
16 x 7	16-7/8	8-1/8	6-7/8	0.50	5.79	352	0.204	14
12 x 8	12-7/8	9-1/4	8-7/8	0.55	5.68	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	6.26	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	6.84	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	7.66	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	8.35	655	0.379	16
18 x 10	19	11-1/2	10-3/8	0.70	13.41	915	0.529	20
20 x 10	21	11-1/2	10-3/8	0.70	14.20	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	14.62	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	15.08	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	15.66	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	16.23	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	16.70	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	17.17	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	17.75	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	18.13	1400	0.810	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings.

Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

 Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

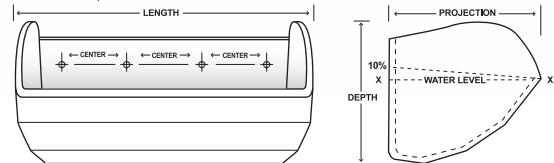
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Urethane



**NEW SIZES!
ENHANCED DESIGNS**



TIGER-CC® INDUSTRIAL: Urethane

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Urethane	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4.48	217	0.126	14
11 x 7	11-7/8	8-1/8	6-7/8	0.50	4.79	236	0.137	14
12 x 7	12-7/8	8-1/8	6-7/8	0.50	5.03	258	0.149	14
13 x 7	13-7/8	8-1/8	6-7/8	0.50	5.35	300	0.173	14
14 x 7	14-7/8	8-1/8	6-7/8	0.50	5.65	313	0.181	14
15 x 7	15-7/8	8-1/8	6-7/8	0.50	5.95	339	0.196	14
16 x 7	16-7/8	8-1/8	6-7/8	0.50	6.21	352	0.204	14
12 x 8	12-7/8	9-1/4	8-7/8	0.55	6.10	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	6.72	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	7.34	510	0.295	16
18 x 8								
20 x 8								
18 x 10								
20 x 10								
21 x 10								
22 x 10					Not Available in this Material.			
23 x 10								
24 x 10								
25 x 10								
26 x 10								
27 x 10								
28 x 10								

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

**Reference Punching Chart on page 112.

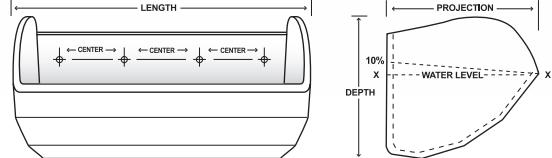
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Polyethylene



**NEW SIZES!
ENHANCED DESIGNS**



® The color orange, as applied to buckets, is a registered trademark of Maxi-Lift, Inc.

TIGER-CC® INDUSTRIAL: Polyethylene

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	HDPE	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	3.60	217	0.126	14
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3.85	236	0.137	14
12 x 7	12-7/8	8-1/8	6-7/8	0.50	4.04	258	0.149	14
13 x 7	13-7/8	8-1/8	6-7/8	0.50	4.30	300	0.173	14
14 x 7	14-7/8	8-1/8	6-7/8	0.50	4.54	313	0.181	14
15 x 7	15-7/8	8-1/8	6-7/8	0.50	4.78	339	0.196	14
16 x 7	16-7/8	8-1/8	6-7/8	0.50	4.99	352	0.204	14
12 x 8	12-7/8	9-1/4	8-7/8	0.55	4.90	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	5.40	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	5.90	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	6.60	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	7.20	655	0.379	16
18 x 10	19	11-1/2	10-3/8	0.70	11.56	915	0.529	20
20 x 10	21	11-1/2	10-3/8	0.70	12.20	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	12.60	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	13.00	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	13.50	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	14.00	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	14.40	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	14.80	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	15.30	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	15.80	1400	0.810	20

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

Slow Speed Centrifugal Discharge 125-450 FPM

DI-MAX® AA, AC & AA DIGGER

Ductile Iron Elevator Buckets

THE MAXI-LIFT DI-MAX

DUCTILE IRON AA & AC

**THERE'S DUCTILE IRON, AND THERE'S
MAXI-LIFT DUCTILE IRON:
THE DI-MAX AA, AC & AA DIGGER BUCKETS
PERFORM AT THE TOP OF THEIR CLASS**

**OUTPERFORMS MALLEABLE IRON:
BETTER WEAR, MORE IMPACT
RESISTANCE**

FEATURES & BENEFITS

- Mill Duty, Thick Walls with Reinforced Back and Corners
- Extremely High Impact and Abrasion Resistance
- Applications up to 600 Degrees
- Designed to Handle Sand, Glass Cullet, Stone, Shot Blast, Rock, Concrete and Other Abrasive Products
- Long Wearing Digging Edge
- Stronger than Steel of the Same Gauge
- Smooth Surface to Ensure Proper Filling
- Strong Impact and Abrasion Resistance for Long Life



Reinforced Corners



Heavy Duty Back Wall



Heavy Front Lips



Heavy Front Lip

DI-MAX® AA, AC & AA DIGGER

Ductile Iron Elevator Buckets

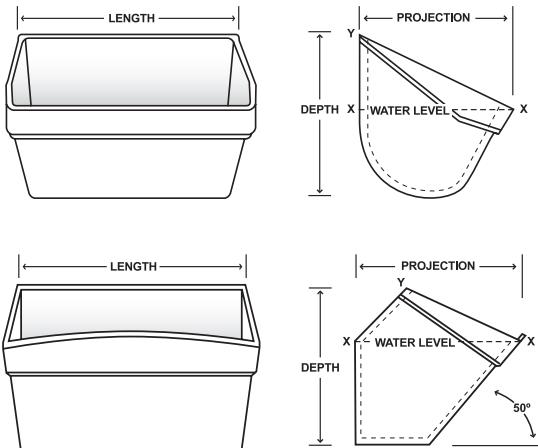
IND
DI-MAX



DI-MAX® AA & AA DIGGER, DI-MAX® AC

Designed to act as a Digger for MAXI-TUFF® AA Style plastic elevator buckets.

The DI-MAX AA style ductile iron elevator buckets are engineered to exceed the performance requirements of any industrial application. These buckets are designed with thicker walls and a reinforced front lip to increase bucket life in tough industrial environments. Ductile iron is far superior to malleable iron in both impact and abrasion resistance. Replacing malleable iron with DI-MAX ductile iron elevator buckets will result in longer bucket life and more efficient operation.



DI-MAX® DUCTILE IRON VS. MALLEABLE IRON

DI-MAX DUCTILE IRON



Capacity: 67.0 cubic inches

MALLEABLE IRON



Capacity: 23.1 cubic inches

WEAR AND CAPACITY COMPARISON

Run side by side in a durability test, the DI-MAX Ductile Iron Bucket demonstrates superior abrasion resistance, while the malleable bucket shows severe signs of wear. With a maximum volume of 67.0 cubic inches (compared to only 23.1 cubic inches for the malleable iron bucket) the DI-MAX delivers 65.5% more carrying capacity after an equal period of wear.

* Buckets run side by side on belt moving 1" minus aggregate 24 hours a day for a three month period of time.



DI-MAX Ductile Iron Bucket



Competitors' Malleable Iron Bucket

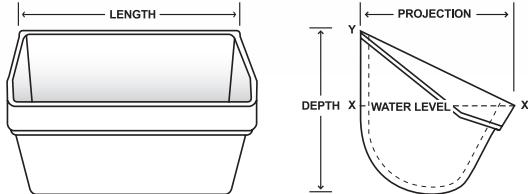
CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.

SOURCE
BUCKETS & BELTS

DI-MAX® AA, & AA DIGGER

Ductile Iron Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

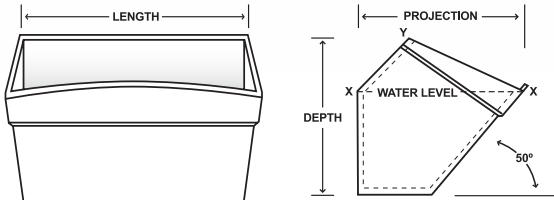
DI-MAX® AA, DI-MAX® AA DIGGER

BUCKET SIZE, INCHES				THICKNESS			CAPACITY		WEIGHT, LBS.
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y	
4 x 3	4-1/2	3-3/8	3-1/2	.185	.275	.250	17.10	24.20	1.7
6 x 4	6-1/2	4-3/8	4-1/2	.250	.350	.275	42.30	63.50	3.8
7 x 4-1/2	7-1/2	4-3/8	4-1/2	.250	.350	.275	49.50	76.20	4.0
7 x 5	7-7/8	5-1/8	5-1/2	.250	.250	.210	68.60	102.90	6.1
8 x 5	8-1/2	5-3/8	5-1/2	.250	.400	.375	83.10	126.30	6.5
9 x 5	9-1/2	5-3/8	5-1/2	.250	.400	.375	90.70	138.80	7.5
11 x 5	11-7/8	5-1/4	5-1/2	.210	.250	.210	102.60	153.90	7.0
15 x 5	15-7/8	5	5-1/2	.210	.400	.350	154.20	235.90	10.7
19 x 5	19-7/8	5-1/4	5-1/2	.250	.400	.350	198.20	303.20	14.1
9 x 6	9-5/8	6-3/8	6-1/2	.300	.400	.375	124.70	190.80	10.2
10 x 6	10-5/8	6-3/8	6-1/2	.300	.400	.375	143.40	219.70	11.2
11 x 6	11-5/8	6-3/8	6-1/2	.300	.400	.375	159.80	244.50	12.2
12 x 6	12-5/8	6-3/8	6-1/2	.300	.400	.375	175.40	268.30	13.1
12 x 7	12-5/8	7-3/8	7-1/2	.330	.625	.450	219.70	350.90	18.5
14 x 7	14-5/8	7-3/8	7-1/2	.330	.625	.450	265.20	407.00	20.4
16 x 7	16-5/8	7-3/8	7-1/2	.330	.625	.450	301.20	460.90	22.9
14 x 8	14-5/8	8-3/8	8-1/2	.375	.625	.500	366.00	526.00	24.6
16 x 8	16-5/8	8-3/8	8-1/2	.375	.625	.500	381.40	599.20	26.8
18 x 8	18-5/8	8-3/8	8-1/2	.375	.625	.525	450.30	695.00	30.0
20 x 8	20-5/8	8-3/8	8-1/2	.375	.625	.525	499.30	763.90	34.3
24 x 8	24-5/8	8-3/8	8-1/2	.375	.625	.525	597.40	914.00	42.9
18 x 10	18-3/4	10-3/8	10-1/2	.440	.800	.750	661.50	1012.90	44.6

* Actual dimensions may vary slightly on all elevator buckets, depending on specified raw material.

DI-MAX® AC

Ductile Iron Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

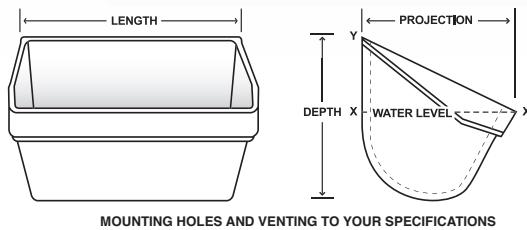
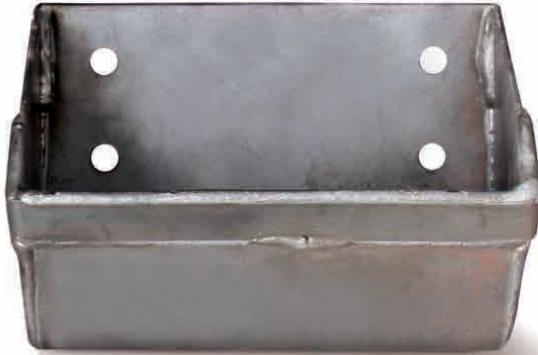
DI-MAX® AC

BUCKET SIZE, INCHES				THICKNESS			CAPACITY		WEIGHT, LBS.
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y	
12 x 8	12-1/2	9-1/4	9	.425	.575	.550	368.90	472.40	28
16 x 8	16-1/2	9-1/4	9	.425	.600	.550	508.10	651.40	38
18 x 10	18-3/4	11-1/2	11	.550	.675	.700	874.50	1139.20	70
24 x 10	24-3/4	11-3/4	11	.410	.725	.600	1231.60	1570.90	72

* Actual dimensions may vary slightly on all elevator buckets, depending on specified raw material.

AA DIGGER

Industrial Welded Metal Elevator Buckets



AA DIGGER

WELDED STEEL

AA DIGGER WELDED STEEL

AA Digger Buckets are manufactured to fit with **MAXI-TUFF AA** plastic elevator buckets but are 1/4" to 1/2" longer in length and projection. The **AA Digger Bucket** clears a path through the boot section of the elevator in order to remove excess material and reduce wear. Digger buckets are mounted every fifth to every tenth space between the **MAXI-TUFF AA** plastic buckets. **AA Digger Buckets** will extend the life of the **MAXI-TUFF AA** buckets in materials that pack or cake tightly in the boot section.

FEATURES & BENEFITS

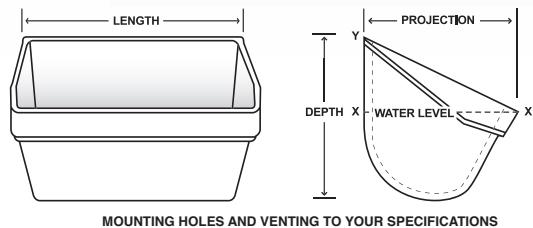
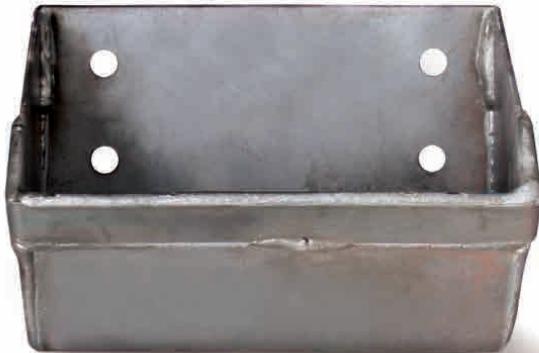
- Thick Reinforced Lip
- Buckets Continuously Welded
- Works with MAXI-TUFF AA or Welded Steel Buckets
- Long Wearing Digging Edge
- Smooth Surface to Ensure Proper Filling
- Strong Impact and Abrasion Resistance for Long Life
- Carbon or Stainless Steel
- Options: AR Plate, Hardened Surface or Hard Bead Weld
- Designed To Handle Sand, Glass Cullet, Stone, Shot Blast, Rock, Concrete and Other Abrasive Products

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	7 Gauge Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
4 x 3	4-3/4	3-3/8	3-1/8	1.35	1.80	2.35	-	0.01	0.01
5 x 4	5-3/4	4-3/8	4-1/8	2.25	2.65	3.50	-	0.01	0.02
6 x 4	6-3/4	4-3/8	4-1/8	2.75	3.25	4.20	5.50	0.02	0.05
7 x 4	7-3/4	4-3/8	4-1/8	3.00	3.95	5.50	7.30	0.04	0.05
7 x 5	7-5/8	5-3/8	5-1/4	3.75	4.75	6.50	8.35	0.04	0.06
8 x 5	8-5/8	5-3/8	5-1/4	4.25	5.45	7.15	9.45	0.05	0.08
9 x 5	9-5/8	5-3/8	5-1/4	4.95	6.25	8.05	10.45	0.05	0.08
9 x 6	9-7/8	6-3/8	6-1/8	5.60	7.00	9.30	12.20	0.07	0.12
10 x 6	10-7/8	6-3/8	6-1/8	6.10	7.70	10.10	13.35	0.08	0.13
11 x 6	11-7/8	6-3/8	6-1/8	6.60	8.40	10.90	14.40	0.09	0.14
12 x 6	12-7/8	6-3/8	6-1/8	7.10	9.00	11.80	15.55	0.10	0.15
12 x 7	12-7/8	7-3/8	7-1/8	8.75	11.05	14.55	19.05	0.13	0.21
14 x 7	14-7/8	7-3/8	7-1/8	-	12.35	16.35	21.45	0.15	0.24
14 x 8	14-7/8	8-3/8	8-1/8	-	14.35	19.30	25.45	0.21	0.33
16 x 8	16-7/8	8-3/8	8-1/8	-	16.05	21.30	28.25	0.24	0.38
18 x 8	18-5/8	8-3/8	8-1/8	-	17.55	23.30	30.80	0.27	0.43
18 x 10	19	10-3/8	10-1/8	-	22.05	29.45	39.40	0.35	0.66

* Weights are estimated. ** Made to order. Available in other sizes. ***Style A also available (w/o reinforced lip)

AA WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

AA WELDED STEEL

AA Welded Steel generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket. The reinforced wear lip is attached to the front of the bucket.

FEATURES & BENEFITS

- Thick Reinforced Lip for Superior Abrasion Resistance
- Resistance to Distortion From Scooping Heavy or Packed Materials
- Typical in Sand, Glass or Gravel
- Long Wearing Digging Edge
- Buckets are Continuously Welded
- Mounted on Chain Or Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available in 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

AA WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
4 x 2 3/4	4	2-3/4	3	1.15	1.48	1.95	-	0.006	0.009
5 x 3 1/2	5	3-1/2	3-3/4	1.81	2.33	3.15	-	0.013	0.022
6 x 4	6	4	4-1/4	2.35	3.02	3.96	5.27	0.020	0.032
7 x 4 1/2	7	4- 1/2	5	3.17	4.08	5.35	7.12	0.034	0.051
8 x 5	8	5	5-1/2	4.15	5.33	7.06	9.39	0.047	0.072
10 x 6	10	6	6-1/4	5.73	7.37	9.79	13.02	0.076	0.120
11 x 6	11	6	6-1/4	6.16	7.93	10.46	13.91	0.084	0.133
12 x 6	12	6	6-1/4	6.60	8.49	11.29	15.02	0.091	0.145
12 x 7	12	7	7-1/4	8.11	10.42	13.93	18.53	0.124	0.199
14 x 7	14	7	7-1/4	-	11.72	15.70	20.88	0.145	0.232
14 x 8	14	8	8-1/2	-	13.9	18.64	24.80	0.202	0.316
15 x 7	15	7	7-1/4	-	12.37	16.58	22.05	0.155	0.248
16 x 7	16	7	7-1/4	-	13.03	17.47	23.24	0.165	0.265
16 x 8	16	8	8-1/2	-	15.41	20.67	27.49	0.231	0.362
18 x 8	18	8	8-1/2	-	16.92	22.70	30.19	0.260	0.407
18 x 10	18	10	10-1/2	-	21.48	28.88	38.41	0.336	0.632
20 x 8	20	8	8-1/2	-	18.42	24.74	32.90	0.289	0.452
24 x 8	24	8	8-1/2	-	21.43	28.81	38.32	0.347	0.543

* Weights are estimated. ** Made to order. Available in other sizes.

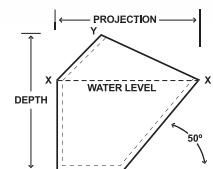
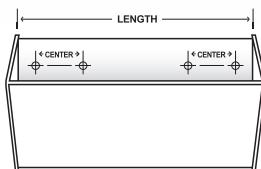
CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

Maxi-Lift Inc.



AC WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

AC WELDED STEEL

AC Welded Steel buckets generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket. There is approximately a 50° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- High Front for Greater Capacity
- Buckets are Continuously Welded
- Hooded Back for Closer Spacing
- Typical In Cement, Gypsum or Other Powdery Materials
- Mounted on Chain or Belt
- Venting Available for Clean Filling and Discharge
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

AC WELDED STEEL

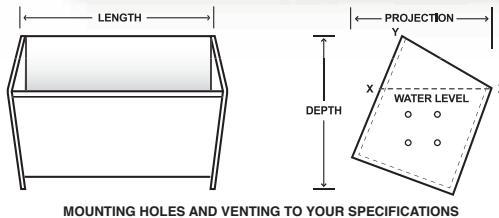
BUCKET SIZE, INCHES				WEIGHT, LBS.		CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
12 x 8	12	8	8-1/2	18.25	24.30	0.231	0.303
14 x 8	14	8	8-1/2	20.30	27.00	0.271	0.356
16 x 8	16	8	8-1/2	22.48	29.98	0.311	0.408
18 x 10	18	10	10-1/2	31.15	38.95	0.488	0.691
20 x 10	20	10	10-1/2	33.68	42.10	0.542	0.768
24 x 10	24	10	10-1/2	39.67	52.69	0.651	0.921
27 x 12	27	12	12-1/2	53.84	71.46	1.072	1.474

* Weights are estimated and do not include bolt reinforcing plates. Bolt reinforcing plates are recommended if less than 8 bolts are used. Vent holes in bottom are optional in style AC buckets.

** Made to order. Available in other sizes.

SC WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

SC WELDED STEEL

SC Welded Steel buckets generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket.

FEATURES & BENEFITS

- Mounted Between Two Strands of Chain
- Suitable for Heaviest Materials
- Designed for Super Capacity Elevators
- Buckets are Continuously Welded
- Design Offers Increased Capacity
- Typical in Aggregate and Cement Applications
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel
- See punching for chain and belt

SC WELDED STEEL

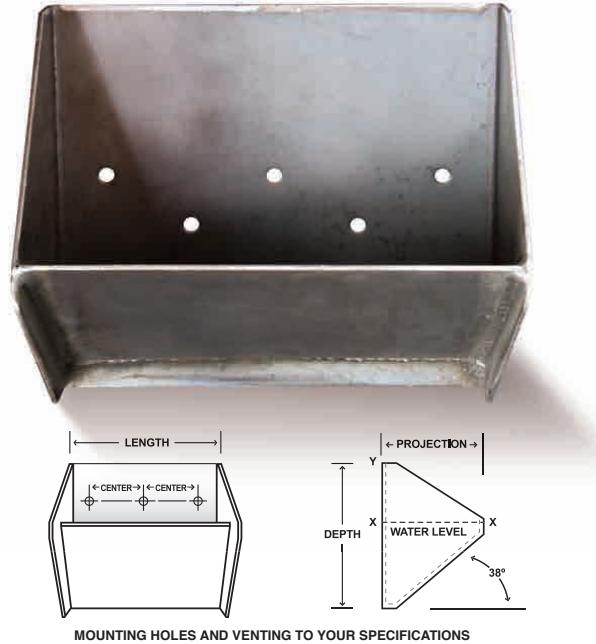
BUCKET SIZE, INCHES				WEIGHT, LBS			CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
12 x 8 x 11	12	8-3/4	11-5/8	22	29	39	0.35	0.54
14 x 8 x 11	14	8-3/4	11-5/8	23	31	41	0.41	0.63
16 x 8 x 11	16	8-3/4	11-5/8	25	34	45	0.46	0.72
16 x 12 x 17	16	12	17-5/8	43	58	76	1.11	1.55
18 x 8 x 11	18	8-3/4	11-5/8	27	36	48	0.52	0.81
20 x 8 x 11	20	8-3/4	11-5/8	29	39	52	0.58	0.9
20 x 12 x 17	20	12	17-5/8	49	67	88	1.4	1.94
24 x 12 x 17	24	12	17-5/8	55	75	104	1.68	2.33
30 x 12 x 17	30	12	17-5/8	65	88	117	2.11	2.91
36 x 12 x 17	36	12	17-5/8	73	99	132	2.53	3.49

* Weights are estimated. Actual capacity depends on angle of material handled and inclination of elevator. Weight is dependent upon metal gauge used.

** Made to order. Available in other sizes.

MF WELDED STEEL

Industrial Welded Metal Elevator Buckets



WELDED STEEL

MF CONTINUOUS (MEDIUM FRONT) WELDED STEEL

MF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 38° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- Buckets are Continuously Welded
- Typical In Cement, Gypsum or Other Powdery Materials
- Mounted on Chain or Belt
- Venting Available for Clean Filling and Discharge
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

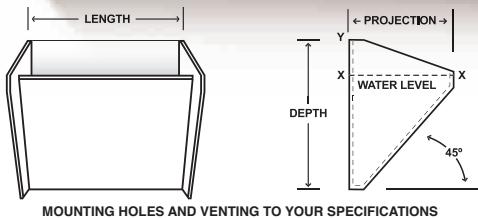
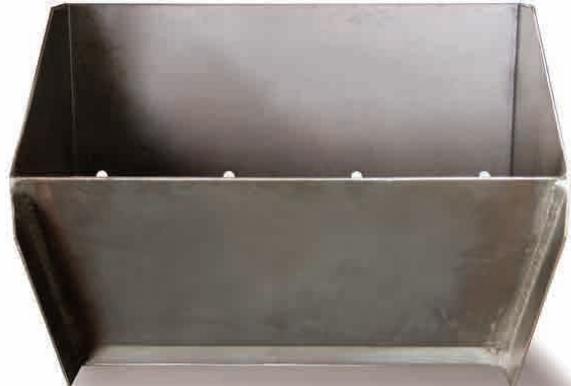
MF WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line Y-Y
8 x 5 x 7	8	5	7-3/4	5.1	6.3	8.7	-	0.040	0.070
9 x 6 x 9	9	6	9-1/4	6.7	8.6	11.9	-	0.068	0.118
10 x 5 x 7	10	5	7-3/4	5.9	7.4	10.2	-	0.050	0.090
10 x 6 x 9	10	6	9-1/4	7.2	9.2	12.7	-	0.075	0.130
10 x 7 x 11	10	7	11-5/8	9.3	11.9	16.5	-	0.103	0.180
10 x 8 x 11	10	8	11-5/8	9.9	12.8	17.8	23.20	0.135	0.235
11 x 6 x 9	11	6	9-1/4	7.7	9.9	13.6	18.13	0.081	0.145
12 x 6 x 9	12	6	9-1/4	8.1	10.5	14.5	19.33	0.091	0.155
12 x 7 x 11	12	7	11-5/8	10.4	13.4	18.6	24.80	0.125	0.218
12 x 8 x 11	12	8	11-5/8	11.2	14.4	20.0	26.10	0.163	0.275
14 x 7 x 11	14	7	11-5/8	11.6	14.9	20.7	27.60	0.145	0.253
14 x 8 x 11	14	8	11-5/8	12.4	16.0	22.2	29.10	0.190	0.325
16 x 8 x 11	16	8	11-5/8	13.7	17.6	24.5	32.00	0.220	0.375
16 x 12 x 17	16	12	17-5/8	-	29.9	40.6	54.80	0.490	0.852
18 x 8 x 11	18	8	11-5/8	-	19.2	26.7	35.00	0.250	0.420
18 x 10 x 15	18	10	15	-	25.9	36.1	47.30	0.379	0.662
20 x 8 x 11	20	8	11-5/8	-	20.8	29.0	38.00	0.270	0.470
20 x 12 x 17	20	12	17-5/8	-	34.8	48.5	63.90	0.620	1.075
24 x 10 x 11	24	10	11-5/8	-	27.4	38.2	50.00	0.512	0.850
24 x 12 x 17	24	12	17-5/8	-	39.8	55.4	73.10	0.745	1.295

* Weights are estimated. ** Made to order. Available in other sizes.

HF WELDED STEEL

Industrial Welded Metal Elevator Buckets



WELDED STEEL

HF CONTINUOUS (HIGH FRONT) WELDED STEEL

HF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 45° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- High Front for Increased Capacity
- Reduces Damage to Materials
- Buckets are Continuously Welded
- Mounted on Chain or Belt
- See Punching for Chain and Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

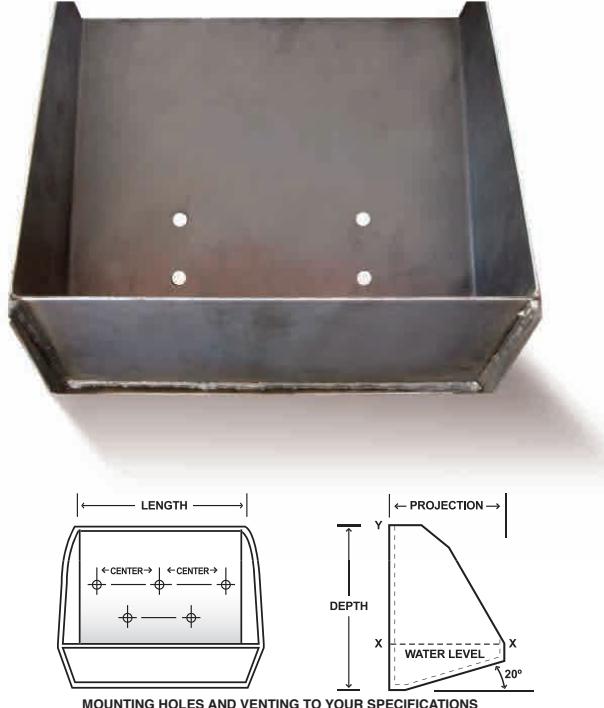
HF WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
8 x 5 x 7	8	5	7 3/4	4.9	6.2	8.5	-	0.052	0.080
10 x 5 x 7	10	5	7 3/4	5.7	7.3	10.0	-	0.065	0.100
10 x 6 x 9	10	6	9 1/4	7.2	9.1	12.6	-	0.098	0.145
10 x 7 x 11	10	7	11 5/8	9.1	11.6	16.0	20.9	0.130	0.190
12 x 6 x 9	12	6	9 1/4	8.3	10.4	14.4	19.2	0.115	0.175
12 x 7 x 11	12	7	11 5/8	10.3	13.2	18.2	23.9	0.155	0.240
12 x 8 x 11	12	8	11 5/8	11.3	14.3	20.0	26.0	0.205	0.295
14 x 7 x 11	14	7	11 5/8	11.5	14.8	20.4	26.7	0.184	0.280
14 x 8 x 11	14	8	11 5/8	12.6	16.0	22.4	28.1	0.240	0.350
16 x 8 x 11	16	8	11 5/8	13.9	17.7	24.7	32.2	0.275	0.395
16 x 12 x 17	16	12	17 5/8	-	30.3	41.9	55.0	0.635	0.900
18 x 10 x 15	18	10	15	-	26.2	36.1	47.7	0.485	0.720
20 x 12 x 17	20	12	17 5/8	-	35.1	49.1	64.6	0.800	1.150
24 x 12 x 17	24	12	17 5/8	-	40.5	56.3	74.3	0.960	1.305

* Weights are estimated. ** Made to order. Available in other sizes.

LF WELDED STEEL

Industrial Welded Metal Elevator Buckets



WELDED STEEL

LF CONTINUOUS (LOW FRONT) WELDED STEEL

LF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 20° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- Designed for Inclined Elevators
- Mounted on Chain or Belt
- Suitable for Fine or Wet Materials
- Buckets are Continuously Welded
- See Punching for Chain and Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

LF WELDED STEEL

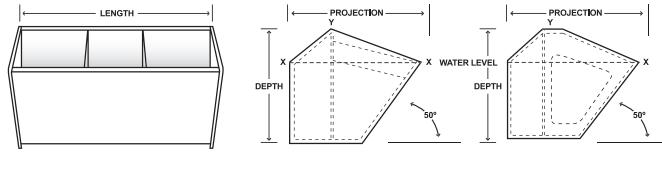
BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
10 x 6 x 9	10	6	9-1/4	6.8	8.8	12.1	-	0.035	0.168
10 x 7 x 11	10	7	11-5/8	8.5	10.8	15.1	-	0.050	0.242
12 x 6 x 9	12	6	9-1/4	7.8	10	13.8	-	0.042	0.201
12 x 7 x 11	12	7	11-5/8	9.6	12.3	17.1	22.8	0.060	0.302
12 x 8 x 11	12	8	11-5/8	11.2	14.4	20.1	26.8	0.075	0.347
14 x 7 x 11	14	7	11-5/8	10.7	13.7	19.1	25.5	0.070	0.345
16 x 8 x 11	16	8	11-5/8	13.6	17.4	24.3	32.4	0.101	0.463
16 x 12 x 17	16	12	17-5/8	-	29.3	40.7	53.6	0.229	1.093
18 x 10 x 15	18	10	15	-	25.4	35.0	46.5	0.183	0.494
20 x 8 x 11	20	8	11-5/8	-	20.5	28.5	38.0	0.126	0.573
20 x 12 x 17	20	12	17-5/8	-	33.9	47.1	62.0	0.287	1.365
24 x 12 x 17	24	12	17-5/8	-	38.5	53.5	70.5	0.346	1.643

* Weights are estimated. Actual capacity depends on angle of material handled and inclination of elevator. Weight is dependent upon metal gauge used.

** Made to order. Available in other sizes.

ACS WELDED STEEL

Industrial Welded Metal Elevator Buckets



WELDED STEEL

ACS WELDED STEEL

ACS Welded Steel buckets generally utilize a 7-piece construction consisting of end plates, a body, interior braces and bearing plate; the end caps fit on the inside edge of the body and are continuously welded to the body. There is no taper on the sides of the bucket. Bearing plates are tack welded to inside of the body. There is approximately a 50 degree angle from horizontal to the front plate

FEATURES & BENEFITS

- High Front, Saddlebag or Wrap-around Feature Increases Capacity
- Center Braces and Bearing Plates Standard
- Buckets are Continuously Welded
- Suitable for Handling Abrasive Materials Such as Cement, Aggregate, etc.
- Hooded Back Permits Closer Bucket Spacing
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga, 12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel
- See Punching (pg 101) for Chain and Belt

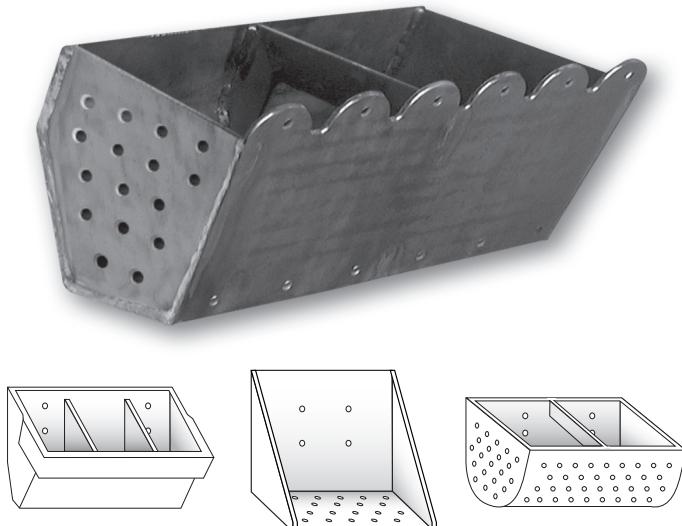
ACS WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS			CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	Steel w/ Lip	Steel w/o Lip	Aluminum	Filled to Line X-X	Filled to Line X-Y
14 x 12 x 11	14	12	11 3/8	36	32	15.3	0.37	0.53
16 x 12 x 11	16	12	11 3/8	39	35	17.2	0.44	0.62
18 x 12 x 11	18	12	11 3/8	42	37	19.0	0.51	0.71
21 x 14 x 13	21	14	13 3/8	56	51	25.3	0.78	1.08
24 x 14 x 13	24	14	13 3/8	62	56	27.3	0.93	1.28
27 x 15 x 13	27	15	13 3/8	72	65	32.3	1.29	1.62
30 x 15 x 13	30	15	13 3/8	84	77	37.3	1.47	2.84

* Weights are estimated. ** Made to order. Available in other sizes.

CUSTOM BUCKETS

Fabricated Steel Bucket Policy



CUSTOM ELEVATOR BUCKETS BUILT TO YOUR SPECIFICATIONS. Call Us For A Custom Quote.

Providing customized solutions to solve your problems is important to Maxi-Lift. With our large custom metal fabrication shop, we can build products in almost any size, style, or design. Our engineers can work from your drawings, create CAD drawings for approval or copy a sample bucket. We can recommend a combination of materials to help solve wear and performance problems in difficult applications.

FABRICATED STEEL BUCKET POLICY

General Standards

- Elevator buckets are generally constructed of 14 Gauge, 12 Gauge, 10 Gauge, 7 Gauge, 1/4" or 3/8" materials. Bucket thicknesses may vary slightly in accordance with normal raw materials variances.
- Bucket tolerances for the length, projection and depth are + or - 1/8", and all dimensions on fabricated steel buckets are measured from the outside of the bucket, including wear lips or customizing options.
- Bolt holes are generally created using a plasma burner. There may be a small rounding perimeter of the hole where the plasma burner begins to cut. The holes will be approximately 1/16" larger than the bolt to be installed.
- Buckets are generally MIG (Metal Inert Gas) welded which is standard in the industry.
- Buckets are generally MIG welded continuously on the outside with approximately 1" of weld on the inside top corners of the elevator bucket. Small amounts of weld splatter are possible.
- Wear lips are generally MIG welded continuously on the top and sides and stitch welded on the bottom.
- Metal buckets may have some rust/oxidation due to uncontrollable factors such as condensation.

Customizing Options Available by Special Request

- Wear lips; Hard bead surface weld; Center braces; Vent holes
- Backing plates (outside of the bucket) or Bearing plates (inside of the bucket)
- Continuous welding on the inside of the bucket
- Food Grade Polishing

Special Notes / Disclaimer

It is critical that all dimensions, angles, and bolt holes be field checked prior to equipment start up to avoid any conflict with existing structures and machinery and to insure proper functioning in the elevator. Please report any errors or discrepancies immediately by calling us toll-free at 800-527-0657 or 972-735-8855. All buckets are custom fabricated and are non-returnable.

MAXI-LIFT



OTHER PRODUCTS & SERVICES

UPGRADE TO THE TOUGHEST ACCESSORIES

- ELEVATOR BELTING, SPLICES & BOLTS & ACCESSORIES
- PULLEYS, LAGGING, UHMW & URETHANE SHEET
- ACCESSORIES SCREW CONVEYORS, HANGER BEARINGS, DRAG FLIGHTS
- MIGHTY-MAX FENCE FEEDERS



ELEVATOR BELTING

Heavy Duty PVC Elevator Belt

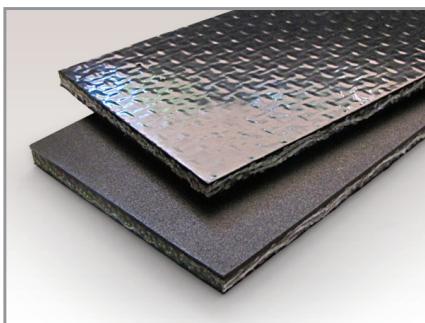
PVC BELTING - Elevator & Conveyor

This heavy-duty interwoven-constructed belt offers excellent service in bucket elevators, grain, feed, seed, fertilizer & applications requiring a low stretch & good tear resistance all polyester carcass and PVC cover compounds that are moderately oil resistant. The belt construction meets and exceeds safety standards established by OSHA for static conductivity and MSHA for flame resistant properties. All stocked belts are North American made.

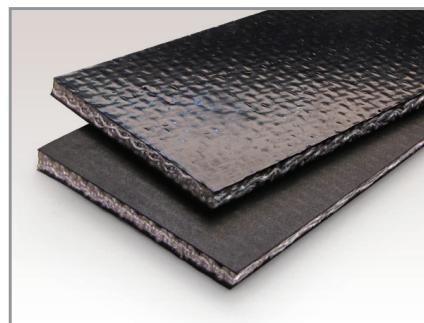
Product Construction: Solid woven polyester carcass with black PVC top and bottom covers.

Special Standards: Fire resistant to MSHA 2G/ASTM D378. Static conductive to OSHA 29 CFR.

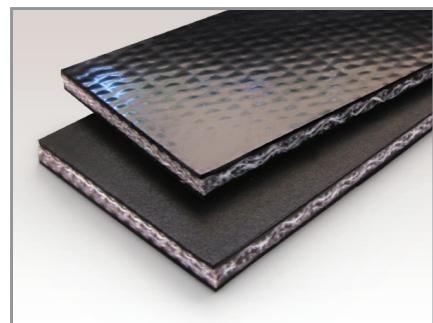
Top / Bottom Cover: Smooth PVC, Black



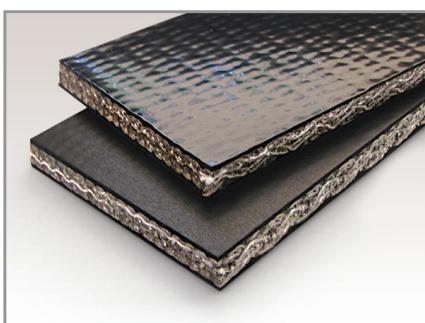
PVC 200 Black PVC Cover x Cover



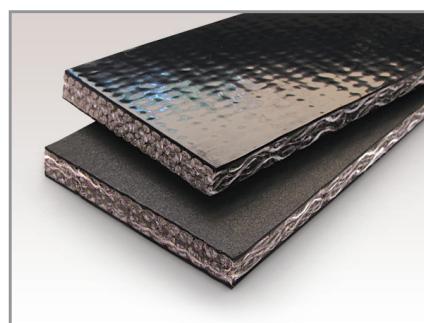
PVC 250 Black PVC Cover x Cover



PVC 350 Black PVC Cover x Cover



PVC 450 Black PVC Cover x Cover



PVC 600 Black PVC Cover x Cover



PVC 200, White PVC Cover x Cover
350, 450 Also available in FDA White

PVC BELTING														
STYLE	Rated Working Tension, lbs / in.	Rated Working Tension, N/mm	Nominal Overall Gauge, in.	Nominal Overall Gauge, mm	Nominal Weight, lbs. sq/ft	Nominal Weight, #PIW	Nominal Weight, kg/sq.m	Minimum Pulley, in.	Minimum Pulley, mm	Maximum Bucket Proj., in.*	Maximum Bucket Proj., mm*	Temp. Range F*	Temp. Range C*	
PVC 200	200	35	.240	6.1	1.60	.133	7.8	4	102	5	127	0° to 180°	-18° to 82°	
PVC 250	250	44	.260	6.6	1.75	.146	8.5	6	152	6	152	0° to 180°	-18° to 82°	
PVC 350	350	61	.300	7.6	2.00	.167	9.8	8	203	8	203	0° to 180°	-18° to 82°	
PVC 450	450	79	.360	9.1	2.40	.200	11.7	10	254	9	229	0° to 180°	-18° to 82°	
PVC 600	600	105	.375	9.5	2.50	.208	12.0	12	304	11	279	0° to 180°	-18° to 82°	

* Maximum Bucket Projections based on Agricultural Applications. Lower temperature options available upon request.

Please contact Maxi-Lift for information on heavier belts.

ELEVATOR BELTING

Heavy Duty Rubber Elevator Belt

RUBBER BELTING - Elevator & Conveyor

This heavy-duty plied rubber constructed belt is ideal for bucket elevators or conveyors handling oil-treated grain, crushed soybeans and other material where, animal or vegetable fats are a deteriorating factor and where combustion properties are a concern. The belt construction meets and exceeds safety standards established by OSHA for static conductivity and MSHA for flame resistant properties. All stocked belts are North American made.

Product Construction: Plied Polyester/Nylon fabric w/ NBR formulated Grain Handling Compound.

Special Standards: Fire resistant to MSHA 2G/ASTM D378. Static Resistivity to ISO 284.

Top / Bottom Cover: 1/16" Smooth Rubber, Black



RUB 220 2 PLY, 1/16 x 1/16 SOR-SC-FR
(EP400/2 1.5 + 1.5 NBR)



RUB 330 3 PLY, 1/16 x 1/16 SOR-SC-FR
(EP600/3 1.5 + 1.5 NBR)



RUB 440 4 PLY, 1/16 x 1/16 SOR-SC-FR
(EP600/3 1.5 + 1.5 NBR)



RUB 600 3 PLY, 1/16 x 1/16 SOR-SC-FR
(EP1050/3 1.5 + 1.5 NBR)



RUB 800 4 PLY, 1/16 x 1/16 SOR-SC-FR
(EP1400/4 1.5 + 1.5 NBR)

RUBBER BELTING														
STYLE	Rated Working Tension, lbs / in.	Rated Working Tension, N/mm	Nominal Overall Gauge, in.	Nominal Overall Gauge, mm	Nominal Weight, lbs. sq/ft	Nominal Weight, #PIW	Nominal Weight, kg/sq.m	Minimum Pulley, in.	Minimum Pulley, mm	Maximum Bucket Proj., in.*	Maximum Bucket Proj., mm*	Temp. Range F*	Temp. Range C*	
RUB 220	220	40	.225	6.5	1.74	.145	8.4	12	305	6	153	-40° to 225°	-40° to 107°	
RUB 330	330	60	.340	8.6	2.10	.175	10.0	14	356	8	203	-40° to 225°	-40° to 107°	
RUB 440	440	80	.365	9.3	2.40	.200	11.7	18	457	10	254	-40° to 225°	-40° to 107°	
RUB 600	600	105	.375	9.5	2.45	.205	13.0	18	457	12	305	-40° to 225°	-40° to 107°	
RUB 800	800	140	.460	11.7	2.88	.240	15.0	24	610	14	356	-40° to 225°	-40° to 107°	

* Maximum Bucket Projections based on Agricultural Applications.

Please contact Maxi-Lift for information on heavier belts.

BELT SPLICES: MAXI-SPlice SUPER® & ULTRA®

Super Strength, Ultra-Light

ULTRA & SUPER SPLICES

THE PERFECT COMBINATION OF SUPER-STRONG & ULTRA-LIGHT.

THE PERFECT COMBO

HEAVY DUTY OPERATION?

THE "SUPER" IS IDEAL SOLUTION.

HEAVY WEIGHT BELTING

THE "ULTRA" IS THE PERFECT FIT.

SUPER-STRONG

THE SUPER & ULTRA ARE CONSTRUCTED OF HIGH GRADE ALUMINUM, NBR RUBBER WEDGES & GRADE 5 BOLTS

ULTRA-PERFORMANCE

ULTRA & SUPER ARE ENGINEERED TO OUT-PERFORM TRADITIONAL SPLICES

FEATURES & BENEFITS

- Large Radius for Heavy Belts
- High Grade Aluminum Construction
- Non Sparking / Corrosion Resistant
- NBR Rubber Wedges



**MAXI-SPICE®
SUPER**
**MAXI-SPICE®
ULTRA**



Interlocking Teeth Grip Belt



Heavy Duty Bolts



3-Piece Construction



NBR Rubber Wedge

MAXI-SPlice SUPER® & ULTRA®

Call 1-800-527-0657, Visit MAXILIFT.COM for More Info



MAXI-SPlice®
SUPER



MAXI-SPlice®
ULTRA

MAXI-SPlice SUPER

Named for its superior design, performance and size, the **MAXI-SPlice SUPER** (along with its counterpart the **MAXI-SPlice ULTRA**) defines the next generation of elevator belt splices. The unique design embraces our **MAXI-SPlice** three piece construction, with the addition of an NBR rubber wedge to protect against belt wear for long life. Designed with a larger radius for improved belt life, the larger **SUPER** has two bolts for additional clamping force and plate friction.

FEATURES

- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- Weight: 4.8 lbs. each
- Two Bolt Design
- 3/4" x 5" and 3/4" x 5-1/2" Hex Head Bolts
- Usable on Belts Rated 800-1200 PIW tensile.

MAXI-SPlice ULTRA

The aptly named **MAXI-SPlice ULTRA** is perfect companion to the larger **SUPER**. The **ULTRA** features all the advantages of the larger splice, but with a smaller frame and a single bolt design. Designed for belts up to 800 PIW, the **ULTRA** also features the **MAXI-SPlice** three piece construction and NBR rubber wedge for protection against belt wear and longer life. Like the **SUPER**, the **ULTRA** is designed with a larger radius for improved belt life.

FEATURES

- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- Weight: 1.93 lbs. each
- One Bolt Design
- 5/8" x 5" Hex Head Bolt
- Rated for belts up to 800 PIW



BELT SPLICES: MAXI-SPlice® AB & CI, TITAN

For More Information, Call 1-800-527-0657

MAXI-SPlice AB

- New 9/16" Diameter Grade 5 Bolt
- 9/16" x 5" Hex Head Bolts
- Non-Ferrous Metal of Very High Tensile Strength
- Usable On Belts of up to 800 PIW Tensile
- Non-Sparking, Non-Corroding and Non-Rusting
- Bronze Color
- Weight: 2.9 Lbs. Each



MAXI-SPlice® BELT FASTENING SYSTEMS

MAXI-SPlice AB



MAXI-SPlice CI

MAXI-SPsplice CI

- Ferrous Metal of Moderately High Tensile Strength
- 1/2" x 5" Hex Head Bolts
- Usable on Belts of Up to 600 PIW Tensile
- Silver Color
- Weight: 2.6 Lbs. Each

DESCRIPTION

- The MAXI-SPsplice is a mechanical clamping device with a simple 3-piece construction. The design is for use on PVC and rubber belting.
- Maximum operating temperatures: AB: 500°F, CI: 600°F.
- Each splice set accommodates two inches of belt width.
- It is tested and approved by leading manufacturers of PVC and rubber belting.

TEMPLATE TAPE - FREE

- Peel and stick directly on belt
- Improves belt-punching convenience
- Marks hole locations for odd or even width belts
- Clearly marked in white and red lettering
- Included with every splice order

POWER PUNCH (*Drill bits are not recommended*)

- Made with durable heat treated carbon-steel
- Reinforced blade easily cuts 1/2", 9/16", 5/8" and 3/4" diameter holes
- Impact adapter available when necessary
- Use with a hand-held mallet, impact wrench, or drill
- Always wear eye protection

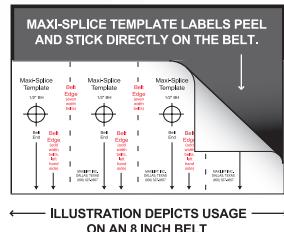
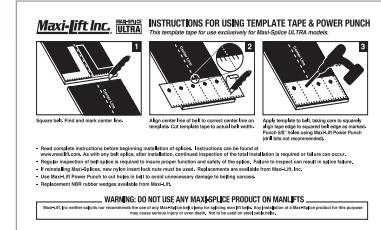


ILLUSTRATION DEPICTS USAGE
ON AN 8 INCH BELT.



WARNING: DO NOT USE ANY MAXI-SPsplice ON MANLIFTS!

Please read all instructions before installing any Maxi-Splice product. Instructions can be found at www.maxilift.com. Failure to follow installation instructions may result in splice failure. As with any belt splice, continuous, regular inspections are required or failure can occur.

Never mix Maxi-Splice products on a single installation. Reduced or uneven clamping pressure may occur compromising splice integrity and could result in splice failure.

Maxi-Lift neither solicits nor recommends the use of any Maxi-Splice belt clamp for splicing man-lift belts. Maxi-Spliances were neither designed for nor tested for this purpose. Any installation of a Maxi-Splice product for this purpose may result in splice failure causing serious bodily harm or even death. Do not use on steel cable belts.

Do not re-use nylon insert lock nuts when reinstalling Maxi-Spliances. Please use new nylock nuts for reinstallation. Replacements are available from Maxi-Lift.

For applications exceeding 250° F, nylon insert lock nuts may not be used, as this temperature range exceeds the manufacturer's threshold for nylon integrity. Compression locking nuts should be utilized instead.

While the AB and CI Maxi-Splice may be used on wing pulleys, they may contribute to wear on the backside of the belt at the splice. It is the user's responsibility to inspect the splice at regular maintenance intervals to prevent failure. Noise may also be heard as the splice contacts the wings of the pulley.

MAXI-LIFT BELT SPLICES

Splice Comparison

BELT SPLICE TECHNICAL DATA SHEET

Maxi-Lift Inc. ELEVATOR SPLICES		MAXI-SPLICER	MAXI-SPLICER	MAXI-SPLICER ULTRA	MAXI-SPLICER SUPER	TITAN
PART DETAILS	Product	MAXI-SPLICER	MAXI-SPLICER	MAXI-SPLICER	MAXI-SPLICER	MAXI-SPLICER
	Brand	CI	AB	ULTRA	SUPER	TITAN
	Part No.	CI5	AB5	ULTRA5	SUPER5	TITAN
SPLICE CONSTRUCTION	Color	Silver	Manganese Bronze	Silver	Silver	Silver
	Construction	3 Piece Mechanical Clamping Device	3 Piece Mechanical Clamping Device	3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge	3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge	3 Piece Mechanical Clamping Device with HNBR Rubber Wedge
	Metal Material	Galvanized Cast Iron	Manganese Bronze	Aluminum	Aluminum	Aluminum
	Metal Description	Ferrous Cast Iron	Non-Ferrous Bronze	High Grade, Lightweight Aluminum	High Grade, Lightweight Aluminum	High Grade, Lightweight Aluminum
	Rubber Material	None	None	Replaceable NBR Rubber Wedge	Replaceable NBR Rubber Wedge	Replaceable HNBR Rubber Wedge
SPLICE SPECIFICATIONS	Weight (Lbs.)	2.60	2.90	1.93	4.80	Per Application
	Length	3"	3"	4-1/2"	6-1/4"	6"
	Width	2"	2"	2-1/2"	3"	Per Application
	PIW Rated	Up to 600 PIW Tensile	Up to 800 PIW Tensile	Up to 800 PIW Tensile	800-1200 PIW Tensile	Over 1200 PIW
	Recommended Belt Thickness	1/4" to 5/8"	1/4" to 5/8"	1/4" to 5/8"	3/8" to 3/4"	Per Application
BOLT SPECIFICATIONS	No of Bolts	1	1	1	2	Per Application
	Bolt Grade	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	M16 10.9 Hex Head Bolt
	Bolt Diameter (Inches)	1/2"	9/16"	5/8"	3/4"	Per Application
	Bolt Length (Inches)	5"	5"	4-1/2"	5" and 5-1/2"	Per Application
	Washers	Yes	Yes	Yes	Yes	Yes
	Nuts	Nylock	Nylock	Nylock	Nylock	Oval Lock Nut
	Recommended Torque *	75 ft./lbs.	100 ft./lbs.	125 ft./lbs.	150 ft./lbs.	Per Application
	Template Tape Included	Yes	Yes	Yes	Yes	Requires Special Template
SHIMS	Required Shims Per Belt Thickness	N/A	N/A	Under 5/16" - No Shims 5/16" to 3/8" - 1 Shim 3/8" to 1/2" - 2 Shims	Under 1/2" - No Shims 1/2" to 5/8" - 1 Shim 5/8" to 3/4" - 2 Shims	N/A
TEMPERATURE RATINGS	Max. Operating Temps	600° F / 350° C	500° F / 260° C	200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures	200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures	320° F / 160° C (HNBR Hydrogenated Nitrile Butadiene Rubber Wedge Limiting Factor)
	Nylock Nut Max. Temp	250° F	250° F	250° F	250° F	320° F
MINIMUM HEAD PULLEY	Agricultural (High Speed) **	12"	12"	24"	30"	48"
	Industrial (Centrifugal/Gravity)	12"	12"	20"	36"	48"
BUCKET PROJECTION	Minimum Recommended	4"	4"	5"	7"	8"
FEATURES/ BENEFITS		Strong, Standard, Mechanical Splice	Non-Sparking, Non-Corroding, Non-Rusting	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life

** When torquing splice bolts, do not use impact wrench as over-torquing will cause both belt and splice failure. In addition, under torquing could lead to insufficient clamp pressure and could create splice failure, and tracking issues. ** On smaller pulleys, the metal shims must be installed correctly, or the rubber wedge could fail.

Customer is responsible for checking the splices on a consistent basis for correct torque during splice operation. Do not reuse hardware (bolts, nylock or oval nuts) when reinstalling splices. Please always read Maxi-Lift Installation Instructions and apply template tape when installing splices for correct installation. See website for more details.

Do not use Maxi-Lift splices on any type of belt manlifts.

U.S. Utility Patent: "U.S. Pat. 9,605,730 B2. U.S. Design Patent: "U.S. Des. Pat. D724,289 S. European Patent Application No. 15154390.7

ELEVATOR BOLTS

Same Day Shipping Available

STANDARD ELEVATOR BOLT

Standard #1 Norway

- Carbon • Stainless Steel
- Zinc Plated



STANDARD ELEVATOR BOLT

SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY.	KEG BULK QTY.
1/4 x 3/4	2.94	1200	2000
1/4 x 1 *	3.24	1200	1700
1/4 x 1-1/4 *	3.43	1200	1500
1/4 x 1-1/2 *	3.73	1200	1300
1/4 x 1-3/4	3.98	1200	1200
1/4 x 2	4.29	1200	1000
1/4 x 2-1/4	4.88	600	900
1/4 x 2-1/2	4.92	600	800
5/16 x 3/4	4.76	1200	1200
5/16 x 1 *	5.05	1200	1000
5/16 x 1-1/4 *	5.55	1200	900
5/16 x 1-1/2 *	6.38	600	800
5/16 x 1-3/4	6.50	600	700
5/16 x 2 *	7.12	600	600
5/16 x 2-1/4	7.43	600	550
5/16 x 2-1/2	7.78	600	500
3/8 x 1-1/4	6.54	600	750
3/8 x 1-1/2	7.10	600	700
3/8 x 1-3/4	7.66	600	600
3/8 x 2 *	8.31	600	500
3/8 x 2-1/4	9.35	600	450
3/8 x 2-1/2	9.83	600	400
3/8 x 3	10.79	600	300

RELIANCE ELEVATOR BOLT

#3 Slotted Head

- Carbon Steel



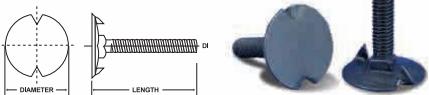
RELIANCE ELEVATOR BOLT

SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY.	KEG BULK QTY.
1/4 x 3/4	2.7	1200	2400
1/4 x 1	1.9	1800	2500
1/4 x 1-1/4	3.0	1200	1800
1/4 x 1-1/2	3.5	1200	1800
5/16 x 1-1/4	4.9	1200	1200

SABRE-TOOTH® ELEVATOR BOLT

Sabre-Tooth®

- Carbon • Stainless Steel
- Zinc Plated



SABRE-TOOTH ELEVATOR BOLT

SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY.	KEG BULK QTY.
1/4 x 3/4	2.94	1200	2000
1/4 x 1 *	3.24	1200	1700
1/4 x 1-1/4 *	3.43	1200	1500
1/4 x 1-1/2 *	3.73	1200	1300
1/4 x 1-3/4	3.98	1200	1200
1/4 x 2 *	4.29	1200	1000
1/4 x 2-1/4	4.88	600	900
1/4 x 2-1/2	4.92	600	800
5/16 x 3/4	4.76	1200	1200
5/16 x 1 *	5.05	1200	1000
5/16 x 1-1/4 *	5.55	1200	900
5/16 x 1-1/2 *	6.38	600	800
5/16 x 1-3/4 *	6.50	600	700
5/16 x 2 *	7.12	600	600
5/16 x 2-1/4	7.43	600	550
5/16 x 2-1/2	7.78	600	500
3/8 x 1-1/4	6.54	600	750
3/8 x 1-1/2	7.10	600	700
3/8 x 1-3/4	7.66	600	600
3/8 x 2 *	8.31	600	500
3/8 x 2-1/4	9.35	600	450
3/8 x 2-1/2	9.83	600	400
3/8 x 3	10.79	600	300

SABRE-TOOTH® BOLT (POINTED)

Sabre-Tooth®

- Carbon Steel



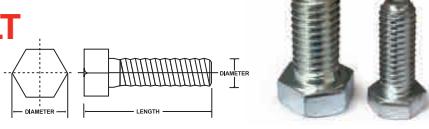
SABRE-TOOTH ELEVATOR BOLT

SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY.	KEG BULK QTY.
1/4 x 1-1/4	2.52	1800	2100
1/4 x 1-1/2	2.78	1300	1800
5/16 X 1-1/4	4.60	900	1200
5/16 X 1-1/2	4.15	1000	1500

HEX HEAD BOLT

- Zinc Plated • Grade 5

- Used with Chain Attachments



HEX-HEAD ELEVATOR BOLT

SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY.	KEG BULK QTY.
1/2 X 1	8.50	1200	1700
1/2 x 1-1/4	9.45	1200	1500
1/2 x 1-1/2	10.70	1200	1300
3/8 x 1	4.15	1200	1700
3/8 x 1-1/4	4.80	1200	1500
3/8 x 1-1/2	5.65	1200	1300

Maxi-Lift continually applies metallography tests to our fasteners to ensure the finest quality parts are upheld.

Maxi-Lift exceeds all industry standards for grade 2 elevator bolts.

*Available in 302 Stainless Steel

WASHERS, NUTS & SPACERS

Call 1-800-527-0657, Visit MAXILIFT.COM for More Info

NUTS

STANDARD HEX



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.
1/4-20	100	0.7
5/16-18	100	1.1
3/8-16	100	1.6
1/2	100	3.8

Available in zinc and stainless.

STANDARD FLANGE SERRATED LOCK



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.
1/4-20	100	0.9
5/16-18	100	1.2
3/8-16	100	1.8

Available in zinc and stainless.

LARGE FLANGE SERRATED LOCK



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.
1/4-20	100	1.2
5/16-18	100	2.3
3/8-16	100	2.8

Available in zinc.

NYLON INSERT LOCK

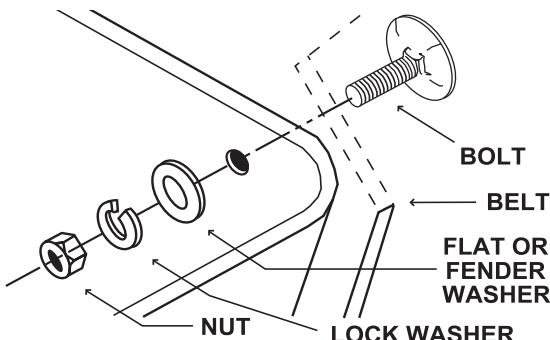


SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.
1/4-20	100	0.8
5/16-18	100	1.1
3/8-16	100	2.8

Available in zinc and stainless.

RECOMMENDED BUCKET INSTALLATION

A locking device should be used on all elevator bucket installations.



DIRECTIONS FOR PROPER ELEVATOR BOLT TORQUE ON BELT

- To tighten the nuts, use a torque wrench that will "click" out when proper setting is reached.
- Run the elevator with the buckets empty for 4 hours.
- Check all bolts to insure that the proper torque is maintained.

WASHERS AND SPACERS

FLAT



Available in stainless.

SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	1.3	1
5/16	100	2.0	7/8
3/8	100	3.0	1
1/2	100	3.8	1-3/8

SPLIT RING LOCK



Available in zinc and stainless.

SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	0.2	1-1/4
5/16	100	0.4	7/8
3/8	100	0.6	1
1/2	100	1.4	1-3/8

FENDER*



Available in zinc and stainless.

SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	1.3	1
Large 1/4	100	1.3	1-1/4
5/16	100	2.0	7/8
Large 5/16	100	3.0	1-1/2
3/8	100	3.0	1-1/2
1/2	100	3.8	1-3/8

*When installing urethane buckets always use Fender Washers.

LEATHER



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	0.3	1
5/16	100	0.3	1
3/8	100	0.3	1

POLY SPACERS



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	2.0	-
5/16	100	1.8	-

Available in 1/4" and 1/2" thick.

NEOPRENE



SIZE, INCHES (ID)	PKG. QTY., PCS.	PKG. WEIGHT, LBS.	O.D. INCHES
1/4	100	1.1	-
5/16	100	1.1	-
3/8	100	1.1	-

Available in 1/4" thick.

RECOMMENDED TORQUE FOR ELEVATOR BOLTS

CALL TODAY, TOLL FREE 1-800-527-0657 OR VISIT US ONLINE AT WWW.MAXILIFT.COM

SHANK DIAMETER	STEEL			STAINLESS		
	IN./LBS.	KGM/M.	FT./LBS.	IN./LBS.	KGM/M.	FT./LBS.
1/4"	50	0.57	4	86	.99	7.16
5/16"	96	1.10	8	177	2.04	14.75
3/8"	180	2.07	15	-	-	-

Maxi-Lift Inc.



PULLEYS & LAGGING

High Performance Elevator Lagging & Pulleys

PULLEYS & LAGGING

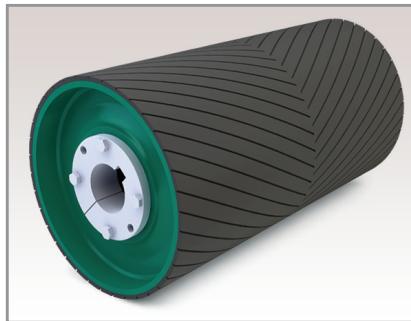
Maxi-Lift is pleased to offer elevator and conveyor pulleys from some of the nation's best manufacturers. Drum or Wing Pulleys, with or without lagging and complete with hubs and bushings for a complete pulley package. Pulleys are constructed with a standard crown face unless otherwise specified. Our sales team can help you select the pulley that is right for your application.

Maxi-Lift Lagging / Traction Pads with neoprene, 60 durometer, static conductive, oil resistant and flame resistant (SOF) rubber compound for use on drive pulleys, in 72" lengths, formed to specific pulley diameters. Also available in standard rubber or special compounds with standard or stainless steel (SS) backing plates.



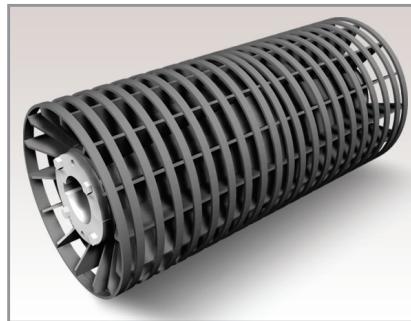
SOF & Standard Lagging

Agricultural Applications, SOF - Oil Resistant, Static Resistant (OSHA compliant), Flame Resistant (MSHA compliant)



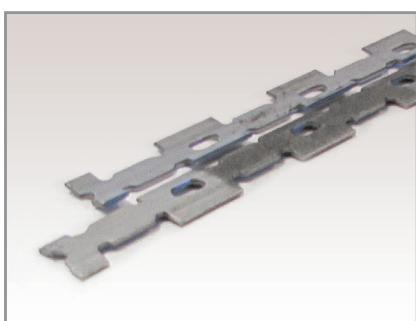
Pulley w/ Lagging

Available in Heavy Duty, Mine Duty, and Pro Duty



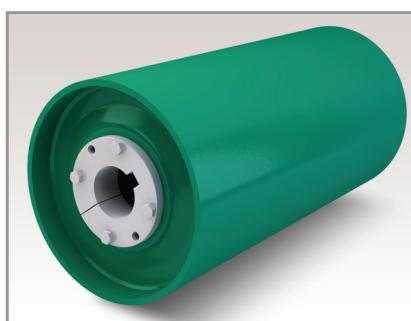
Spiral Wing Pulley

Available in Heavy Duty, Mine Duty, and Pro Duty



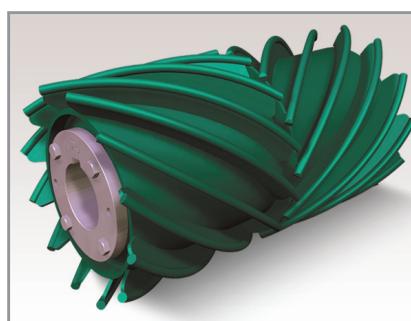
Metal Retainers

Rust Resistant



Pulley (no Lagging)

Available in Heavy Duty, Mine Duty, and Pro Duty



Herringbone Wing Pulley

Available in Heavy Duty, Mine Duty, and Pro Duty

* Other sizes available on request. Please contact Maxi-Lift for information on product sizes, pricing and availability.

CERAMIC TILE LINERS

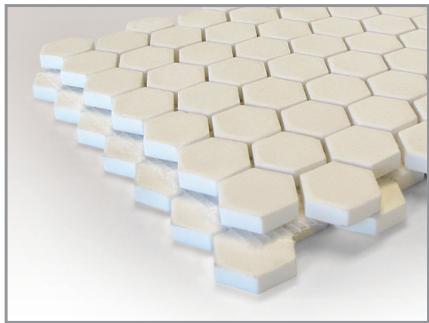
High Grade Ceramic Tile & Accessories



CERAMIC TILE

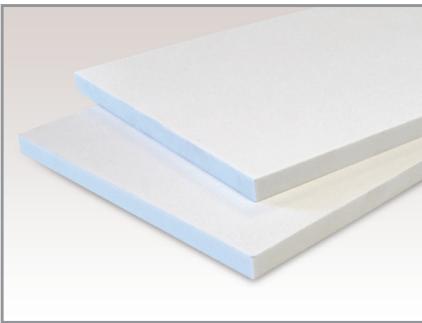
Maxi-Lift Tile Lining Systems are 90% fine-grain, high grade alumina made from exceptionally pure, uniformly controlled aluminum oxide. Our tile lines offer excellent mechanical properties, superior wear resistance, good corrosion performance - and are available in a variety of standard sizes and shapes that can be installed economically in the shop or in the field.

Applications: Chutes/Hoppers, Classifier, Cyclone Separators, Elbows, Fan Housing & Blades, Lined Piping, Nozzles, Wear Panels



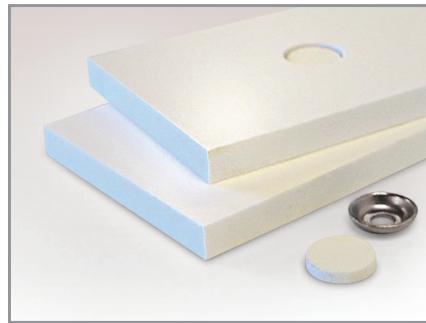
Hexagonal Tile

Size: 6" x 6"
Thickness: 1/8", 1/4", 3/8", 1/2"



Standard Tile Attached with Adhesive

Standard Size: 6" x 4"
Optional Sizes: 6" x 2", 4" x 2"
Thickness: 1/4", 1/2"



Weld-Al Tile Attached Mechanically by Welding (MIG or Stick) or Bolting

Standard Size: 6" x 4"
Optional Size: 6" x 2"
Thickness: 1/2"



1 Part Silicone Sealant

10.2 fl. oz. Caulking Cartridges
UV, Chemical, Weather & Temperature Resistant



2 Part Adhesive Kits

Includes (2) 1 gal. pails of Adhesive, Trowel, Mixing Paddle & Gloves

* Other sizes available on request. Please contact Maxi-Lift for information on product sizes, pricing and availability.

URETHANE SHEET

Heavy Duty Urethane Sheeting

URETHANE SHEET

Urethane Sheet is tough, resilient elastomeric urethane specifically designed for use in applications requiring abrasion resistance. Urethane sheet also provides lightweight, easy installation, excellent impact resistance, good low temperature properties, noise reduction, corrosion resistance and chemical resistance to aliphatic hydrocarbons, mild acids and bases. All urethane sheet is FDA approved.

Applications: Round and Square Spouts, Chutes, Ducts, Flumes, Elbows, Belt Overshot Areas, Belt Scrapers, Skirtboards, Truck Beds, Hoppers, Bins, Surge Tanks, Conveyor Troughs, Cyclones (velocities less than 4000 ft/min.), Distributors, Turnheads



US XMB - Expanded Metal Back

Overall Thickness: 3/16" - 1/2"
Standard Metal Thickness: 18 Ga. (*Also 13 Ga.*)
Standard Sheet Size: 4'x10'



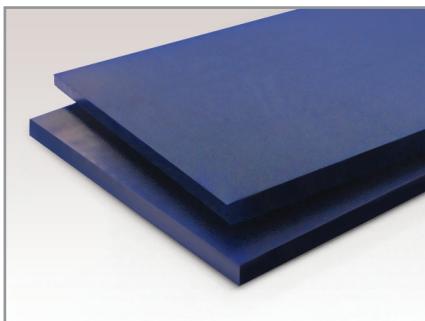
US SSMB - Semi-Solid Metal Back

Overall Thickness: 3/16" - 1/2"
Metal Thickness: 16 Ga., 2mm
Standard Sheet Size: 4'x10'



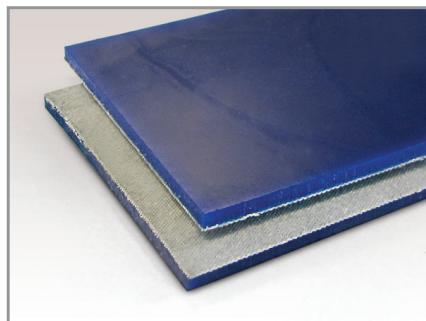
US SMB - Solid Metal Back

Overall Thickness: 3/16" - 1/2"
Metal Thickness: 16 Ga., 2mm
Standard Sheet Size: 4'x10'



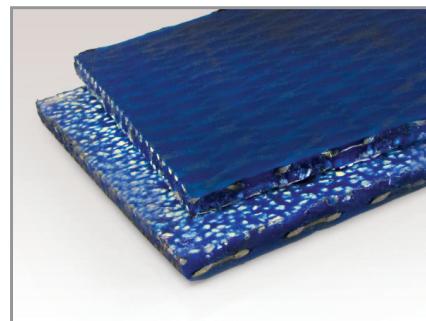
US Plain

Overall Thickness: 3/16" - 1/2"
Standard Sheet Size: 4'x10', 4' x 25'-150'



US FB - Fabric Back (Cotton)

Overall Thickness: 3/16" - 1/2"
Standard Sheet Size: 4'x10', 4' x 25'-150'



US CCB - Ceramic Chip / Expanded Metal Back

Overall Thickness: 5/16", 3/8", 1/2"
Standard Sheet Size: 4'x10'
Also Available in Semi-Solid & Solid Metal Back



► HIGH ENERGY - Plain Back

Expanded Metal, Fabric Back Optional
Thickness: 3/16" - 1/2"
Size: 4'x10'
Other thicknesses available upon request

* Please contact Maxi-Lift for information on product sizes, pricing and availability.

UHMW SHEET

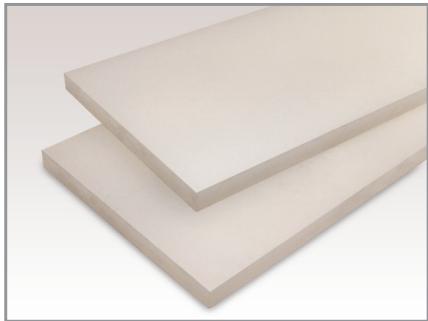
For Liners or Machined Parts



UHMW SHEET

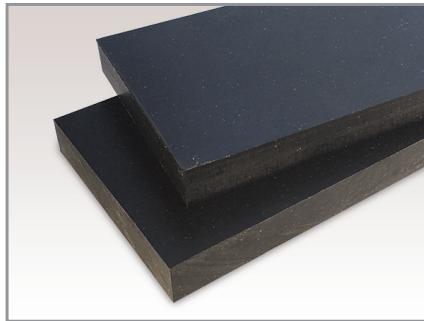
Maxi-Lift's UHMW (Ultra High Molecular Weight Polyethylene) sheet is abrasion, corrosion and impact resistant. It is non-sticking / self lubricating and excellent for use in wet and antistatic environments. From Natural sheet for food grade applications (FDA/USDA approved), to Recycled / Reprocessed material for less demanding applications, Maxi-Lift manufactures the highest grade UHMW material.

Applications: Chute, Hopper & Truck Bed Liners, High Speed Conveyors Troughs, Wear Strips, Guide Rails, Food Processing & Packaging Machinery Parts, Storage Containers, Bearings, Gears, Paddles, Scraper Blades, Star Wheels & Idler Sprockets



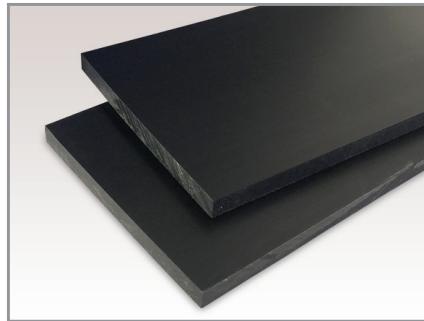
Natural UHMW (White)

Meets FDA/USDA and 3-A dairy guidelines. An excellent high wear material.



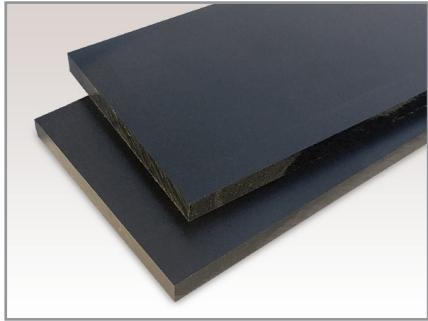
Reprocessed or Recycled UHMW

(Black) A blend of virgin and regenerated UHMW polymers that maintain an acceptable combination of properties for less demanding applications. *Not FDA approved.



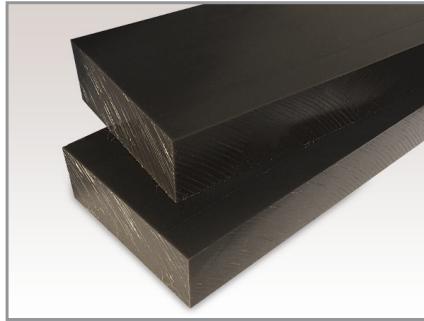
Antistatic UHMW (Black)

Protects parts sensitive to build up of static electricity. Permits partial transmission of electrical charge, thus dissipating static build-up. Provides a slick surface.



Dry-Slide UHMW (Black)

Modified with special dry additives for enhanced coefficient of friction and antistatic properties. An effective sheet in dusty environments where components need lubrication without build-up.



Oil Filled UHMW (Black)

Meets FDA/USDA guidelines for food and pharmaceutical handling. Has an oil additive to lubricate mating surfaces. Used in closed loop continuous chain applications.

*Not recommended for dusty applications.

PRIME UHMW POLYETHYLENE SHEET (PER SHEET) 4' X 10'		
GAUGE, INCHES	WEIGHT, LBS./SHEET	TOLERANCE
1/16"	13	+/- 10%
1/8"	25	+/- 10%
3/16"	38	+/- 10%
1/4"	50	+/- 10%
3/8"	75	+/- 10%
1/2"	100	+/- 10%
5/8"	125	+/- 10%
3/4"	150	+/- 10%
1"	200	+/- 10%
1-1/4"	250	+/- 10%
1-1/2"	300	+/- 10%
1-3/4"	350	+/- 10%
2"	400	+/- 10%
2-1/2"	500	+/- 10%
3"	600	+/- 10%
3-1/2"	700	+/- 10%
4"	800	+/- 10%

Temperature Range: Continuous -22° F to +180° F

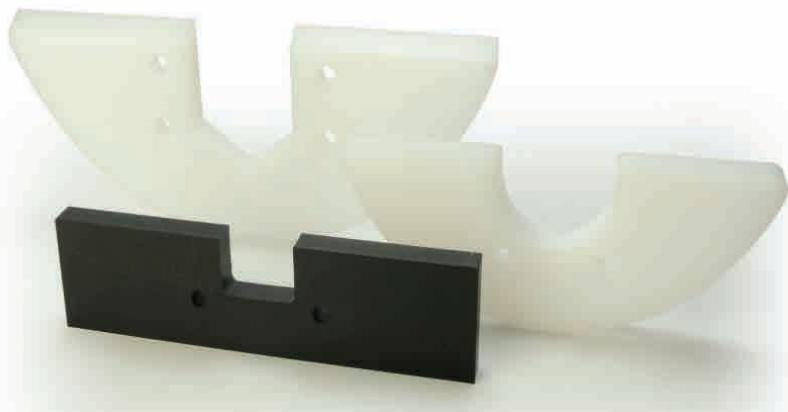
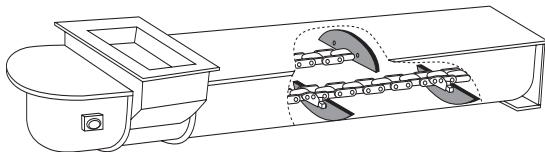
* Please contact Maxi-Lift for information on product sizes, pricing and availability.

DRAG CONVEYOR FLIGHTS

Common Sizes & Styles In Stock for Immediate Delivery

UHMW DRAG CONVEYOR FLIGHTS

Maxi-Lift manufactures and stocks replacement UHMW drag conveyor flights to fit popular drag conveyor designs. We can custom make flights based on your drawing or sample, using our CAD based software and manufacturing process. You get UHMW flights made with precision that perform every time.



DRAG CONVEYOR FLIGHTS: AVAILABLE MODELS

SIZE, INCHES (LENGTH & THICKNESS)	DRAG CONVEYOR FLIGHTS					
	SCREW CONVEYOR SUPERFLO	ESSMUELLER COMPANY PEERLESS	THOMAS CONVEYOR FLI-CON	JEFFERY MULTI-FLOW	EHRSAM DRACon	ENMASSE
6 x 1/4	X	-	-	X	-	X
6 x 3/8	X	-	X	-	X	X
9 x 1/4	X	-	-	X	-	X
9 x 3/8	X	X	-	X	X	X
9 x 1/2	X	X	X	-	-	X
10 x 3/8	-	-	-	-	-	X
10 x 1/2	-	-	-	-	-	X
12 x 3/8	X	X	-	X	X	X
12 x 1/2	X	X	X	-	-	X
14 x 3/8	X	X	-	X	X	X
14 x 1/2	X	X	-	-	-	X
16 x 3/8	X	X	-	X	-	X
16 x 1/2	X	X	X	-	-	X
18 x 3/8	X	-	-	X	-	X
18 x 1/2	X	X	-	-	-	X
20 x 1/2	-	X	-	X	-	X
20 x 5/8	-	-	X	-	-	X
24 x 1/2	-	X	-	X	-	X
24 x 5/8	-	-	X	-	-	X

* Photos of drag conveyor flights are representations of flights. Actual flights may vary in size and shape.

SPECIFICATIONS

MATERIAL: Virgin Ultra High Molecular Weight (UHMW) polyethylene is white. Reprocessed UHMW polyethylene is black. Static reduced UHMW is black. UHMW has a thickness tolerance of +/- 10%.

STYLE: Drag conveyor flights are fabricated to original manufacturer's design. Cut edges are square unless otherwise noted.

CUSTOM FLIGHTS: Non-standard flights can be custom fabricated to your specifications. Please send print or sample for fabrication of flight.

TEMPERATURE: -22° F to +180° F or -51° C to +82° C

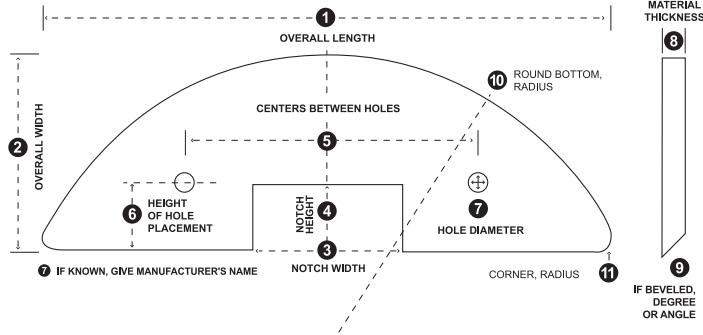
ORDERING: Before ordering, please note manufacturer design, number of flights, size and thickness. If a custom drag conveyor flight is required, please have sample or drawing available.

DRAG CONVEYOR FLIGHTS

Complete and Fax for a Custom Quote

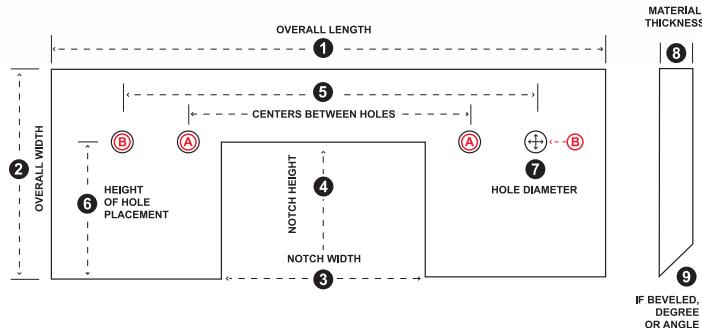
ROUND BOTTOM FLIGHTS

Round bottom flights are standardized according to conveyor manufacturer. Most common sizes and styles are stocked for immediate shipment. Custom round bottom flights can be made and shipped quickly.



EN MASSE FLIGHTS

The en masse flight is the most customized flight design. It can vary in height, length and thickness. There are few standardized en masse sizes.



CUSTOM DRAG FLIGHT QUOTE REQUEST

Please fill in the following information and fax back to Maxi-Lift at (972)735-8896.

USER INFORMATION (Primary Contact)

Name	Title	
Company Name		
Shipping Address		
City	State	Zip
Phone	Fax	
Email Address		
Website		

DRAG FLIGHT SPECIFICATIONS

ROUND BOTTOM EN MASSE (Please Check One)

① Overall Length: _____ **②** Overall Width: _____

③ Notch Width: _____ **④** Notch Height: _____

⑤ Centers Between Holes - Round Bottom: _____

Centers Between Holes - En Masse: **(A)** _____ **(B)** _____

(A) _____ **(B)** _____

⑥ Height of Hole Placement: _____

⑦ Hole Diameter: _____

⑧ Material Thickness: _____

⑨ If Beveled, Degree or Angle: _____

⑩ Round Bottom Radius: _____

⑪ Corner Radius: _____

⑫ Material Type: (Please Check One)

Virgin UHMW: Nylon: Reprocessed UHMW:

Other: _____

⑬ Manufacturer Name (if known): _____

⑭ Quantity Needed: _____

⑮ Customer Part #: _____

Additional Info: _____

HANGER BEARINGS

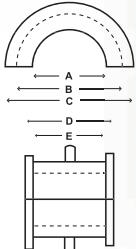
For Screw Conveyors

SCREW CONVEYOR HANGER BEARINGS

STYLE "A" BEARING: STYLE 226

Two-piece double flange bearing for screw conveyor hanger with formed strap. This hanger bearing is interchangeable with the following styles: 20A, 20B, 26B, 28A, 30, 50, 220, 226 228 and 326.

STYLE A: DIMENSIONS				
A	B	C	D	E
1-1/2	2-3/16	2-1/2	1-7/8	1-9/16
2	2-3/4	3-1/8	1-15/16	1-9/16
2-7/16	3-1/4	3-11/16	2-15/16	2-3/8
3	4	4-3/8	2-15/16	2-1/4
3-7/16	4-3/4	5	3-3/16	3-1/16



* Tolerances: + 1/16" / - 0"

Other sizes available on request. Hanger strap not included.

AVAILABLE MATERIALS

MAXI-LIFT HANGER BEARINGS	PLASTECH	WEARITE*	UHMW	WOOD
MATERIAL	Engineered Nylon Resin	Engineered Nylon Resin	Polyethylene	Maple
GRADE	Food Grade, FDA	Industrial Grade	Food Grade, FDA	Industrial Grade
METHOD OF MANUFACTURE	Injection Molded	Injection Molded	Machined Or Molded	Machined
TEMPERATURE OPERATING RANGE	-60°F To +300°F	-60°F To +300°F	-22°F To +180°F	-50°F To +160°F
LUBRICANT	Built-In Lubricant	Built-In Lubricant*	Natural	Oil Impregnated
COLOR	Tan	Black	White	Brown

* Wearite bearings available drilled and tapped for lubing or purging pipes at additional cost.

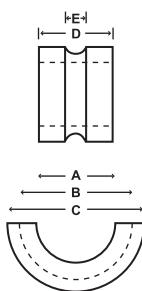
STYLE "B" BEARING: STYLE 18B

Cap type half bearing for screw conveyor hanger with U-bolt construction. Hanger Styles 17, 18, 18A, 18B, 19B and 40. Available in wood and UHMW.

STYLE B: DIMENSIONS				
A	B	C	D	E
3	3-7/8	4-13/16	2-7/8	13/16
3-7/16	4-7/16	5-3/8	3-13/16	7/8

* Tolerances: + 1/16" / - 0"

Other sizes available on request.
Hanger strap not included.



MIGHTY-MAX® FENCE FEEDERS

Tough, Portable Plastic Feeders



ML
MIGHTY-MAX
FENCE FEEDER

MIGHTY-MAX® FENCE FEEDERS

Portable, easy to install, and tough, the MIGHTY-MAX fence feeder is the most versatile livestock feeder on the market. Quickly and securely snaps onto any chain-link or wire fencing. Built with two spring link clips installed on a super tough HDPE feeder, it can take the toughest animal and weather abuse. This is the ideal feeder for show pens, trailers and fenced areas. Keeps feed up off the ground and reduces waste.



STYLE FFSS



STYLE FFCC



STYLE FFHD

FEATURES & BENEFITS

- Made of prime virgin HDPE
- Thick, heavy duty walls
- Extended feeder life
- Tough enough to withstand the harshest animal and weather abuse
- Drilled for and attached with 8mm Spring Link Clips (right)

- Stocked / available in ten (10) standard sizes



FEEDER SIZE, INCHES						PUNCHING, IN.				CAP.	WEIGHT,LBS.		QUANTITIES	
ITEM CODE	Color	Size	Length	Proj.	Depth	Hole Centers	# Of Holes	Bolt Size	Top Down	Quarts	Lbs. Per Each	Lbs. Per Skid	Carton Qty.	Skid Qty.
FFSS 09 x 5 PW	White	9 x 5	9-3/8	5-1/4	4-7/8	3-1/4	3	1/4	1	1.0	1.00	420	24	384
FFSS 16 x 7 PW	White	16 x 7	16-3/8	7-3/8	7-1/4	14-3/4	2	3/8	9/16	4.5	2.75	638	12	192
FFHD 10 x 7 PB	Black	10 x 7	10-1/2	7-3/4	7-1/8	8-3/4	2	3/8	9/16	3.5	2.75	784	16	256
FFHD 14 x 7 PB	Black	14 x 7	14-1/2	7-3/4	7-1/8	12-3/4	2	3/8	9/16	5.0	3.35	848	7	112
FFHD 18 x 8 PB	Black	18 x 8	18-1/2	8-3/4	8	16-1/4	2	3/8	9/16	9.0	5.10	810	7	112
FFCC 09 x 5 PG	Gray	9 x 5	9-1/2	5-1/2	5	7-1/2	2	3/8	9/16	1.5	1.20	498	28	448
FFCC 11 x 6 PG	Gray	11 x 6	11-9/16	6-5/8	6	9-9/16	2	3/8	9/16	3.0	1.90	573	13	208
FFCC 14 x 7 PG	Gray	14 x 7	14-9/16	7-7/8	7	12-3/4	2	3/8	9/16	5.0	3.50	848	7	112
FFCC 18 x 8 PG	Gray	18 x 8	18-9/16	8-7/8	8-1/4	16-1/4	2	3/8	9/16	9.0	5.10	810	5	80
FFCC 20 x 8 PG	Gray	20 x 8	20-9/16	8-7/8	8-1/4	18-9/16	2	3/8	9/16	10.0	6.10	792	5	80



TRAINING, DEMOS & SERVICES

Ask About Free Onsite Training Near You

FREE ONSITE TRAINING NEAR YOU!

Introducing THE MAXI-LIFT ROADSHOW, a mobile Training & Demonstration Tool for your trade association, group or personnel - customized to help you get the most out of your elevators and Maxi-Lift products.

Free Onsite Training & Demos, Including:

- Bucket & Splice Installation & Inspection
- Selecting the Proper Bucket
- Improving Performance
- Bucket Elevator Maintenance
- Elevator Diagnostics
- Improving Belt Life

Contact a Maxi-Lift representative today to ask about Training Events in your area!

Maxi-Lift Inc. ROAD SHOW



FREE ONLINE DEMOS, LITERATURE & ENGINEERING TOOL!

Need to know how to properly install a Maxi-Splice? Want help determining the correct method for measuring an elevator bucket? Visit the MULTIMEDIA page of our website (or our YouTube Channel) for instructional videos that walk you through the process step-by-step.

Free Online Training Videos Include:

- Measuring Elevator Buckets
- Proper Elevator Bucket Installation
- Venting Elevator Buckets
- Standard vs. Low Profile Buckets
- How to Install Maxi-Splice Belt Splices

Need Engineering Help?

Login to our ENGINEERING platform to find solutions for your specific needs. Use our Online Elevator Design Tool to:

- Calculate Bucket Capacity
- Maximize Elevator Capacity
- Design a New Elevator
- Upgrade an Existing Elevator
- Compare Maxi-Lift with Other Buckets

Contact Maxi-Lift or go to MAXILIFT.COM/engineering to set up a unique user account today.

FREE ON-CALL CUSTOMER SUPPORT & SERVICE

No Onsite Training in your area? Didn't see the answer you needed on our site? Pick up the phone! We always welcome calls from our customers. Maxi-Lift staff members are standing by ready to assist you with design, upgrades, trouble-shooting, product recommendations and more. **Call 1.800.527.0657 today!**

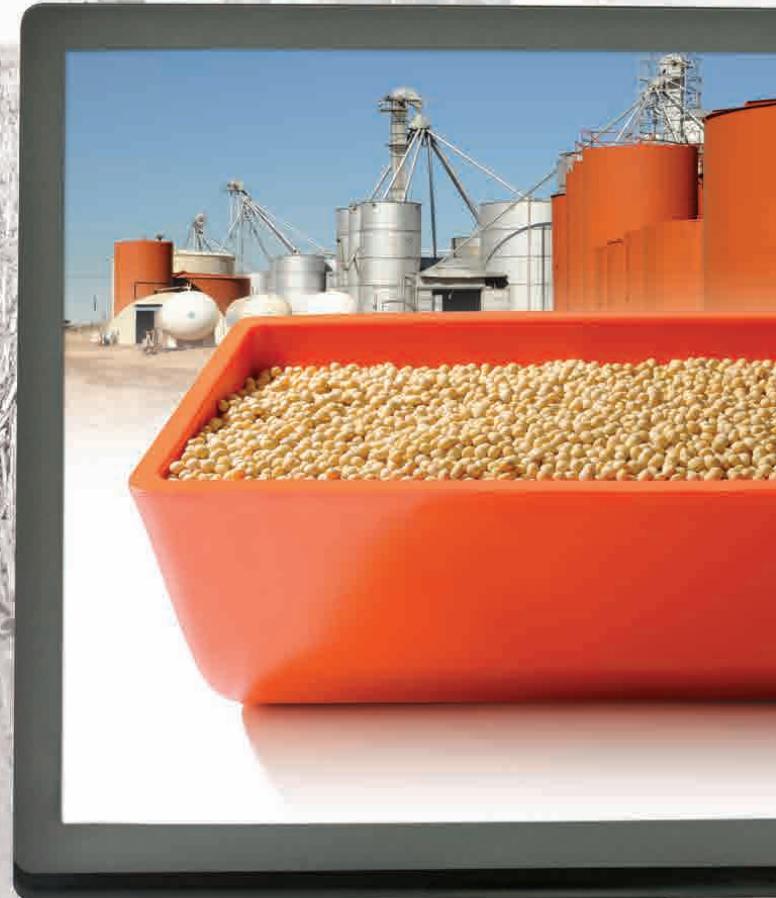
MAXI-LIFT



ENGINEERING

BUCKET ENGINEERING

- **CAPACITIES
ELEVATOR BUCKETS
& ELEVATORS**
- **SPEED CHARTS
AGRICULTURAL &
INDUSTRIAL**
- **PUNCHING
BELT & CHAINS**
- **BULK MATERIAL
HANDLING**



CALCULATING CAPACITY

For More Information, Call 1-800-527-0657

CALCULATING BUCKET ELEVATOR CAPACITY

CAPACITY of the Bucket at Water Level (Cubic Inches)	NUMBER OF BUCKETS Per Foot (12 ÷ Spacing In Inches)	NUMBER OF ROWS of Buckets on the Belt	SPEED of the Belt or Chain FPM (Feet Per Minute)	CUBIC IN. PER HOUR See Below for Conversion
X _____	X _____	X _____	X _____	X 60 = _____ MINUTES

For engineering purposes, Maxi-Lift recommends using water level capacity as the basis for calculation. Actual bucket fill will vary depending on the product and operational conditions.

STEP 1 Multiply the CAPACITY of the bucket times the NUMBER OF BUCKETS per foot (12 divided by spacing) times the NUMBER OF ROWS of buckets. This will give the capacity in cubic inches of each running foot of the belt or chain.

STEP 2 Multiply the answer times the SPEED of the belt or chain in FPM for the capacity discharged per minute.

STEP 3 Then multiply by 60 minutes to get cubic inches per hour.

CONVERT CUBIC INCHES PER HOUR AS FOLLOWS:

BUSHELS: Divide by 2,150 to convert to bushels.

CUBIC FEET: Divide by 1,728 to convert to cubic feet.

SHORT TONS: Multiply cubic feet capacity times weight of product per cubic foot and divide by 2,000.

METRIC TONS: Multiply cubic feet capacity times weight of product per cubic foot and divide by 2,204.62.

FEET PER MINUTE

π	HEAD PULLEY DIAMETER (IN.)	RPM	IN. / FT.	FT. / MIN.
(3.1416)	X _____	X _____	÷ 12	= _____

BUSHELS PER HOUR

CU. IN. / HOUR	CU. IN. / BUSHEL	BPH	CU. IN. / HOUR	CU. IN. / CU. FT.	CU. FT. / HOUR
÷ 2,150	= _____		÷ 1,728	= _____	

SHORT TONS PER HOUR First determine cubic ft / hr. at water level using above formula then proceed as follows

CU. FT. / HOUR	WEIGHT OF PRODUCT / CU. FT.	LBS. / HOUR	LBS. / TON	TONS/HOUR
X _____	= _____	÷ 2,000	= _____	

METRIC TONS PER HOUR First determine cubic ft/hr. at water level using above formula then proceed as follows

CU. FT. / HOUR	WEIGHT OF PRODUCT / CU. FT.	LBS. / HOUR	LBS. / METRIC TON	METRIC TONS/HOUR
X _____	= _____	÷ 2204.62	= _____	

CALCULATING HORSEPOWER

The formula below will result in the theoretical horsepower necessary. It is recommended that an additional 25% minimum be added for drive losses and up to 15% for elevator friction and cup digging through the boot.

$$\text{HP (at head Shaft)} = \frac{W \times H}{33,000} \quad W = \frac{\text{LBS. / HOUR}}{60 \text{ MINUTES}} \quad H = \text{Vertical Lift in Feet}$$

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

SPEED CHARTS: HIGH SPEED ELEVATOR BUCKETS

TIGER-TUFF®, TIGER-CC®, HD-MAX®, HD-STAX®, CC-MAX®

AGRICULTURAL ELEVATOR BUCKET SPEED CHART

Recommended Minimum and Optimum Pulley Speeds for the following Maxi-Lift Agricultural Elevator Buckets (Centrifugal discharge)



TIGER-TUFF



TIGER-TUFF LOW PRO



HD-MAX



HD-MAX LOW PROFILE



HD-STAX



HD-STAX LOW PROFILE

		MINIMUM AND OPTIMUM PULLEY SPEEDS																	
ELEVATOR BUCKET NOMINAL PROJ. (INCHES)		PULLEY DIAMETER (INCHES) / PULLEY CIRCUMFERENCE (FEET)																	
		4"	5"	6"	8"	10"	12"	14"	16"	20"	24"	30"	36"	42"	48"	60"	72"	84"	
3"	Minimum:	89	80	81	74	69	64	-	-	-	-	-	-	-	-	-	-	-	
	Optimum:	158	143	131	115	103	95	-	-	-	-	-	-	-	-	-	-	-	
4"	Minimum:	-	-	75	70	53	51	50	46	43	40	-	-	-	-	-	-	-	
	Optimum:	-	-	146	127	109	103	96	89	79	72	-	-	-	-	-	-	-	
5"	Minimum:	-	-	-	70	67	63	50	48	45	40	40	35	32	32	-	-	-	
	Optimum:	-	-	-	161	131	111	102	95	90	75	67	61	55	51	-	-	-	
6"	Minimum:	-	-	-	-	-	-	-	50	45	40	36	35	31	30	-	-	-	
	Optimum:	-	-	-	-	-	-	-	93	84	73	67	61	55	51	-	-	-	
7"	Minimum:	-	-	-	-	-	-	-	-	40	36	34	33	31	30	27	26	20	
	Optimum:	-	-	-	-	-	-	-	-	80	78	73	65	59	55	50	45	40	
8"	Minimum:	-	-	-	-	-	-	-	-	-	-	33	32	30	30	27	25	23	
	Optimum:	-	-	-	-	-	-	-	-	-	-	60	58	57	56	47	43	40	
10"	Minimum:	-	-	-	-	-	-	-	-	-	-	-	-	-	30	25	20	20	
	Optimum:	-	-	-	-	-	-	-	-	-	-	-	-	-	52	45	42	40	

TIGER-CC®, CC-MAX® TABLE OF SPEEDS



TIGER-CC



TIGER-CC LOW PROFILE



CC-MAX



CC-MAX LOW PROFILE



CC STEEL

CC-MAX TABLE OF SPEEDS					
PULLEY / SPROCKET DIAMETER (IN.)	PULLEY / SPROCKET CIRCUMFERENCE (FT.)	MIN. RPM	MAX. RPM	MIN. FPM	MAX. FPM
8"	2.09	85	170	178	356
10"	2.62	85	170	223	445
12"	3.14	75	145	236	456
14"	3.67	65	120	238	440
16"	4.19	55	100	230	419
18"	4.71	55	90	259	424
20"	5.24	55	85	288	445
22"	5.76	55	85	288	445
24"	6.28	42	80	264	503
30"	7.85	42	80	330	628
36"	9.42	42	80	396	754
42"	11.00	40	70	440	770
48"	12.57	40	65	503	817
54"	14.14	40	65	566	919
60"	15.71	40	60	628	942
72"	18.85	40	55	754	1037
84"	22.00	34	50	748	1100
96"	25.13	30	45	754	1131

MINIMUM SPEED: Slowest Speed at which Centrifugal Discharge will occur.

OPTIMUM SPEED: Speed at which most desirable results are obtained.

MAXIMUM SPEED: Maximum Speed is governed by many factors including Bonnet Shape, clearances, throat location, desired capacity and commodity elevated, therefore is not published.

The optimum speeds shown are based on free flowing whole grains. The optimum recommended speed for feed ingredients and other similar materials is 85% of the optimum speed shown.

These tables are for general reference only and do not guarantee perfect discharge for all bucket elevators at all speeds shown within speed range.

*Note: Low profile buckets may require faster minimum speeds than shown on this chart at minimum spacing.

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

SPEED CHART / HEAD SHAFT RATING

For More Information, Call 1-800-527-0657

DURA-BUKET® AGRICULTURAL ELEVATOR BUCKET SPEED CHART

Recommended Minimum and Optimum Pulley Speeds for DURA-BUKET

Agricultural Elevator Buckets (Centrifugal Discharge)



DURA-BUKET SS



DURA-BUKET LP

ELEVATOR BUCKET NOMINAL PROJ. (INCHES)		DURA-BUKET MINIMUM AND OPTIMUM PULLEY SPEEDS																	
		PULLEY DIAMETER (INCHES) / PULLEY CIRCUMFERENCE (FEET)																	
		10"	12"	16"	18"	20"	22"	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"		
3"	Minimum:	85	75	55	55	55	55	-	-	-	-	-	-	-	-	-	-	-	-
	Optimum:	144	121	90	81	76	72	-	-	-	-	-	-	-	-	-	-	-	-
4"	Minimum:	-	75	55	55	55	55	50	-	-	-	-	-	-	-	-	-	-	-
	Optimum:	-	121	90	81	76	72	72	-	-	-	-	-	-	-	-	-	-	-
5"	Minimum:	-	-	-	55	55	55	50	42	42	40	-	-	-	-	-	-	-	-
	Optimum:	-	-	-	81	76	72	72	72	63	-	-	-	-	-	-	-	-	-
6"	Minimum:	-	-	-	-	-	-	50	42	42	40	40	40	40	-	-	-	-	-
	Optimum:	-	-	-	-	-	-	72	72	72	63	58	58	54	-	-	-	-	-
7"	Minimum:	-	-	-	-	-	-	-	42	42	40	40	40	40	40	40	34	34	34
	Optimum:	-	-	-	-	-	-	-	72	72	63	58	58	54	49	45	40	-	-
8"	Minimum:	-	-	-	-	-	-	-	-	-	-	40	40	40	40	34	34	-	-
	Optimum:	-	-	-	-	-	-	-	-	-	-	58	58	54	49	45	40	-	-

HEAD SHAFT DIAMETER PER HORSEPOWER RATING	
HORSEPOWER	SHAFT DIAMETER (INCHES)
1-2	1-7/16
3	1-15/16
5	2-3/16
7 1/2 - 10	2-7/16
15	2-15/16
20	3-3/16
25-30	3-7/16
40	3-15/16
50 - 60	4-7/16
75 - 100	4-15/16
125	5-7/16
150	5-15/16
200	7
250	7

This table is provided for general reference only. Maxi-Lift assumes no liability from use of these figures.

MINIMUM SPEED: Slowest Speed at which Centrifugal Discharge will occur.

OPTIMUM SPEED: Speed at which most desirable results are obtained.

MAXIMUM SPEED: Maximum Speed is governed by many factors including Bonnet Shape, clearances, throat location and desired capacity.

This table is for general reference only and does not guarantee perfect discharge for all bucket elevators at all speeds shown within speed range.

Note: Low-Profile Elevator Buckets spaced on minimum centers may require faster minimum speeds than shown on this chart.

The optimum speeds shown are based on free flowing whole grains. The maximum recommended speed for feed ingredients and other similar materials is 85% of the optimum speed shown.

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

INDUSTRIAL SPEED CHARTS

For More Information, Visit WWW.MAXILIFT.COM



INDUSTRIAL ELEVATOR BUCKET SPEED CHART

Recommended Minimum and Optimum Pulley Speeds for Maxi-Tuff / Tiger-Tuff industrial Elevator Buckets (Centrifugal Discharge)



ELEVATOR BUCKET NOMINAL PROJ. (INCHES)		MINIMUM AND OPTIMUM PULLEY SPEEDS											
		PULLEY DIAMETER (INCHES) / PULLEY CIRCUMFERENCE (FEET)											
		6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	42"	48"
3"	Minimum:	1.57'	2.07'	2.62'	3.14'	4.19'	4.71'	5.24'	6.28'	7.85'	9.42'	11.00'	12.57'
	Optimum:	80	73	67	62	-	-	-	-	-	-	-	-
	Maximum	85	77	71	66	-	-	-	-	-	-	-	-
4"	Minimum:	90	81	75	70	-	-	-	-	-	-	-	-
	Optimum:	-	-	65	60	54	-	-	-	-	-	-	-
	Maximum	-	-	68	64	57	-	-	-	-	-	-	-
5"	Minimum:	-	-	-	59	53	51	48	-	-	-	-	-
	Optimum:	-	-	-	62	55	53	51	-	-	-	-	-
	Maximum	-	-	-	65	59	57	54	-	-	-	-	-
6"	Minimum:	-	-	-	-	52	49	47	44	-	-	-	-
	Optimum:	-	-	-	-	54	52	50	46	-	-	-	-
	Maximum	-	-	-	-	57	55	53	49	-	-	-	-
7"	Minimum:	-	-	-	-	50	48	46	43	40	-	-	-
	Optimum:	-	-	-	-	53	51	49	46	42	-	-	-
	Maximum	-	-	-	-	56	54	52	48	44	-	-	-
8"	Minimum:	-	-	-	-	-	-	46	43	39	36	34	-
	Optimum:	-	-	-	-	-	-	48	45	41	38	36	-
	Maximum	-	-	-	-	-	-	51	48	44	41	38	-
10"	Minimum:	-	-	-	-	-	-	-	41	38	36	33	32
	Optimum:	-	-	-	-	-	-	-	45	40	37	35	33
	Maximum	-	-	-	-	-	-	-	46	43	40	37	35

MAXI-TUFF INDUSTRIAL MF ELEVATOR BUCKET SPEED CHART

This table is for general reference only and does not guarantee perfect discharge for all bucket elevators at all speeds shown within speed range. Recommended Minimum Spacing, Pulley Diameter and Speeds for Maxi-Tuff MF Elevator Buckets (Continuous Discharge)



MAXI-TUFF MF (Nylon)

BUCKET PROJECTION	BUCKET SIZE	MINIMUM SPACING (INCHES)	MINIMUM DIAMETER (INCHES)	MAXIMUM FPM
5"	8 x 5 x 7	7-1/2	10	250
	10 x 5 x 7			
7"	12 x 7 x 11	11-1/4	24	250
	14 x 7 x 11			
	16 x 7 x 11			
	18 x 7 x 11			
8"	12 x 8 x 11	11-1/4	24	250
	14 x 8 x 11			
	16 x 8 x 11			
	18 x 8 x 11			

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

PUNCHING REFERENCE CHART

Agricultural Elevator Buckets

PUNCHING FOR AGRICULTURAL ELEVATOR BUCKETS: STANDARD HOLE CENTERS

BUCKET SIZE, IN.	TIGER-TUFF	TIGER-CC	HD-MAX	HD-STAX	CC-MAX	DURA-BUKET SS	DURA-BUKET LP	CC STEEL
3 x 2	-	-	1-3/4	-	-	-	-	-
4 x 3	-	-	2-1/4	-	-	2-1/4	2-1/4	2-1/2
4 x 4	-	-	-	-	-	-	-	2-1/2
5 x 4	-	-	3-3/16	3-3/16	3-3/16	3-3/16	3-3/16	3-3/16
6 x 4	-	-	4-3/8	4-3/8	4-3/8	4-3/8	4-1/4	4-3/8
7 x 4	-	-	2-5/8	2-5/8	2-11/16	2-11/16	2-5/8	2-11/16
8 x 4	-	-	-	-	-	-	-	3-1/16
9 x 4	-	-	-	-	-	-	-	3-5/8
6 x 5	4-3/8	-	4-3/8	4-3/8	4-3/8	4-3/8	4-1/4	4-3/8
7 x 5	2-11/16	-	2-5/8	2-5/8	2-11/16	2-5/8	2-5/8	2-11/16
8 x 5	3-1/16	-	3-1/16	3-1/16	3-1/16	3-1/16	3-1/16	3-1/16
9 x 5	3-5/8	-	3-1/2	3-1/2	3-5/8	3-1/4	3-1/4	3-5/8
10 x 5	4-1/8	-	4	-	4-1/8	-	-	4-1/8
11 x 5	3	-	3-1/8	-	3	-	-	3
12 x 5	3-3/8	-	3-3/8	-	-	-	-	3-3/8
8 x 6	3-1/16	-	3-1/16	3-1/16	3-1/16	3-1/16	2-11/16	3-1/16
9 x 6	3-5/8	-	3-1/2	3-1/2	3-5/8	3-1/2	3-1/2	3-5/8
10 x 6	4-1/8	-	4	4	4-1/8	4	4	4-1/8
11 x 6	3	-	3	3	3	3	2-7/8	3
12 x 6	3-3/8	-	3-3/8	3-3/8	3-3/8	3-3/8	3-1/4	3-3/8
13 x 6	3-5/8	-	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8
8 x 7	-	-	-	-	-	-	-	3-1/16
9 x 7	-	-	-	-	-	-	-	3-5/8
10 x 7	-	4-1/8	4	4	4-1/8	4	4	4-1/8
11 x 7	-	3	3	3	3	3	3	3
12 x 7	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	3-1/4	3-3/8
13 x 7	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8	3-5/8
14 x 7	3	3	3	3	3	3	4	3
15 x 7	3-1/4	3-1/4	3-1/4	-	3-1/4	3-1/4	2-5/8	3-1/4
16 x 7	2-7/8	2-7/8	3-1/2	3-1/2	2-7/8	3-1/2	2-5/8	2-7/8
18 x 7	-	-	-	-	-	-	-	3-1/8
20 x 7	-	-	-	-	-	-	-	3-1/2
22 x 7	-	-	-	-	-	-	-	4
24 x 7	-	-	-	-	-	-	-	3-1/2
9 x 8	-	-	-	-	-	-	-	3-5/8
10 x 8	-	-	4-1/8	-	-	-	-	4-1/8
11 x 8	3	-	3-1/8	-	-	-	-	3
12 x 8	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	3-1/4	3-3/8
13 x 8	3-5/8	-	-	-	3-5/8	-	-	3-5/8
14 x 8	3	3	3	3	3	3	4	3
15 x 8	-	-	3-1/4	-	-	-	-	3-1/4
16 x 8	2-7/8	2-7/8	3-1/2	3-1/2	2-7/8	3-1/2	2-5/8	2-7/8
17 x 8	-	-	-	-	-	-	-	3
18 x 8	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8
20 x 8	3-1/2	3-1/2	-	-	3-1/2	-	-	3-1/2
22 x 8	4	-	-	-	-	-	-	4
24 x 8	3-1/2	-	-	-	-	-	-	3-1/2
16 x 10	2-7/8	-	-	-	-	-	-	-
18 x 10	3-1/8	3-1/8	-	-	-	-	-	-
20 x 10	3-1/2	3-1/2	-	-	-	-	-	-
21 x 10	-	3-5/8	-	-	-	-	-	-
22 x 10	-	4	-	-	-	-	-	-
23 x 10	-	3-3/8	-	-	-	-	-	-
24 x 10	-	3-1/2	-	-	-	-	-	-
25 x 10	-	3-5/8	-	-	-	-	-	-
26 x 10	-	3-7/8	-	-	-	-	-	-
27 x 10	-	3-3/8	-	-	-	-	-	-
28 x 10	-	3-5/8	-	-	-	-	-	-

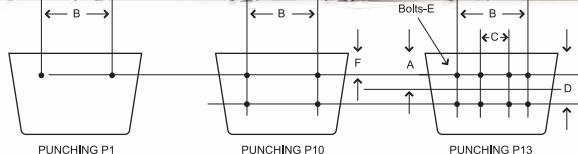
Chart shows Standard Punching - Special Punching available on request. Please double check all punching with original manufacturer.

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

BUCKET PUNCHING: CHAINS

Call 1-800-527-0657, Visit MAXILIFT.COM for More Info

PUNCHING: CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS ON "K" ATTACHMENTS

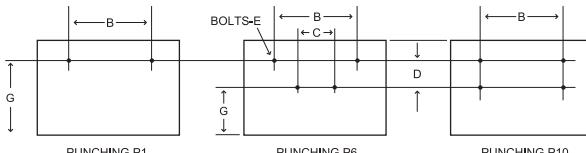


CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS ON "K" ATTACHMENTS

CHAIN ATTACHMENT NUMBER	NOMINAL BUCKET SIZE, INCHES						PUNCHING	INCHES						
	TYPES AA, AA-RB		TYPE AC		TYPE SC			A	B	C	D	E	F	
	Min.	Max.	Min.	Max.	Min.	Max.								
77-K1	6 x 4	10 x 6	—	—	8 x 6	10 x 8	P1	—	3	—	—	1/4	1	
77-K2	6 x 4	10 x 6	—	—	8 x 6	10 x 8	P10	—	3	—	13/16	1/4	1	
C 77-K1	6 x 4	10 x 6	—	—	8 x 6	10 x 8	P1	—	3	—	—	3/8	1	
78-K1	6 x 4	10 x 6	—	—	8 x 6	10 x 8	P1	—	3-3/8	—	—	1/4	1	
H 78-K1	6 x 4	12 x 6	—	—	8 x 6	12 x 8	P1	—	4	—	—	3/8	1	
H 78-K2	6 x 4	12 x 6	—	—	8 x 6	12 x 8	P10	—	4	—	1-1/8	3/8	1	
C 102B-K2	8 x 5	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	3/8	1	
SS 102B-K2	7 x 4-1/2	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	3/8	1	
C 102-1/2-K2	8 x 5	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	1/2	1	
SS 102-1/2-K2	8 x 5	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	1/2	1	
C 110-K2	8 x 5	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	3/8	1	
SS 110-K2	8 x 5	16 x 7	—	—	8 x 6	16 x 8	P10	—	5-5/16	—	1-3/4	3/8	1	
C111-K2	9 x 6	18 x 8	—	—	10 x 8	16 x 8	P10	—	6-1/4	—	2-5/16	1/2	1	
SS 111-K2	10 x 6	18 x 8	—	—	10 x 8	16 x 8	P10	—	6-1/4	—	2-5/16	1/2	1	
C 132-K2	12 x 6	20 x 8	—	—	12 x 8	16 x 8	P10	—	7-1/2	—	2-3/4	1/2	1	
188-K1	6 x 4	12 x 6	—	—	8 x 6	12 x 6	P1	—	3-3/4	—	—	3/8	1	
C 188-K2	6 x 4	14 x 7	—	—	8 x 6	14 x 8	P10	—	4-3/16	—	1-1/4	5/16	1	
SS 188-K1	6 x 4	12 x 6	—	—	8 x 6	12 x 8	P1	—	3-3/4	—	—	3/8	1	
SS 188-K2	8 x 5	14 x 7	—	—	8 x 6	14 x 8	P10	—	4-3/16	—	1-1/4	5/16	1	
SS 856-K2	10 X 6	18 x 10	—	—	10 X 8	16 x 8	P10	—	6-5/16	—	2-1/4	1/2	1	
SS 856-K24	—	—	18 x 10	24 x 10	—	—	P10	—	7-1/4	—	2-1/2	5/8	1	
SS 2857-K44	—	—	18 x 10	24 x 10	—	—	P13	—	12	—	3-1/2	1/2	1	

* Some chain punches may incur additional punching charges. Contact Maxi-Lift for details.

PUNCHING: CONTINUOUS ELEVATOR BUCKETS ON "K" ATTACHMENTS



CONTINUOUS ELEVATOR BUCKETS ON "K" ATTACHMENTS

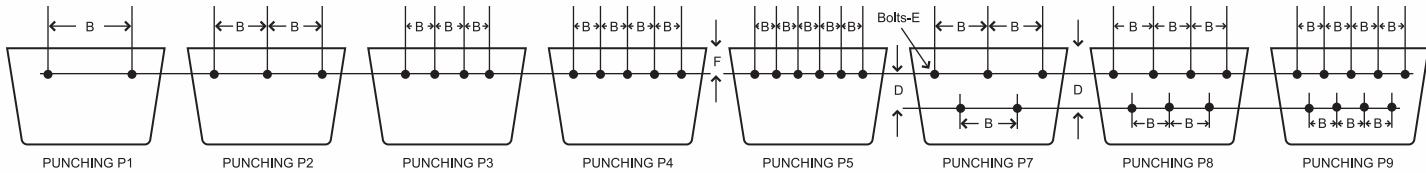
CHAIN ATTACHMENT NUMBER	NOMINAL BUCKET SIZE, INCHES						PUNCHING	INCHES						
	TYPE HF		TYPE HFO		TYPE MF			B	C	D	E	G		
	Min.	Max.	Min.	Max.	Min.	Max.								
C 102B-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	—	—	P10	5-5/16	—	1-3/4	3/8	1-7/8
SS 102B-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	—	—	P10	5-5/16	—	1-3/4	3/8	1-7/8
C 102B-1/2-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	—	—	P10	5-5/16	—	1-3/4	1/2	1-7/8
SS 102B-1/2-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	—	—	P10	5-5/16	—	1-3/4	1/2	1-7/8
C 110-K2	10 x 7	16 x 8	10 x 7	16 x 8	10 x 7	18 x 8	10 x 7	16 x 8	P10	5-5/16	—	1-3/4	3/8	3-3/8
SS 110-K2	10 x 7	16 x 8	10 x 7	16 x 8	10 x 7	18 x 8	10 x 7	16 x 8	P10	5-5/16	—	1-3/4	3/8	3-3/8
C 111-K2	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	P10	6-1/4	—	2-5/16	1/2	2-3/32
SS 111-K2	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	P10	6-1/4	—	2-5/16	1/2	2-3/32
C 132-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	7-1/2	—	2-3/4	1/2	2-7/8
SS 150PLUS-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	7-1/2	—	2-3/4	1/2	2-7/8
SS 856-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	6-5/16	—	2-1/4	3/8	3-1/8

Other Chain Punches Available. Verify Bucket Punching Before Ordering.

* All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

BUCKET PUNCHING: BELTS

For More Information, Call 1-800-527-0657



PUNCHING: TYPES HF, HFO, MF AND LF

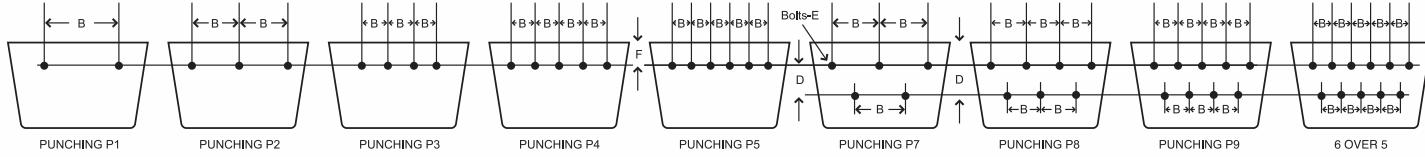
BUCKET SIZE, INCHES			PUNCHING	BELT WIDTH INCHES	INCHES			
L - Length	P - Proj	D - Depth			B	D	E	F
8	5	7-3/4	P7	9-10	3	1	1/4	3-3/8
8	5	8-1/2	P7	9-10	3	1	1/4	3-3/4
9	6	9-1/4	P7	10	3	1	1/4	4-1/8
10	5	7-3/4	P7	11-12	3-1/2	1	5/16	3-3/8
10	5	8-1/2	P7	11-12	3-1/2	1	5/16	3-3/4
10	6	9-1/4	P7	11-12	3-1/2	1	5/16	4-1/8
10	6	10	P7	11-12	3-1/2	1	5/16	4-1/2
10	7	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
10	7	12-1/2	P7	11-12	3-1/2	1	5/16	5-3/4
10	8	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
11	6	9-1/4	P7	12	4	1	5/16	4-1/8
12	5	7-3/4	P7	13-14	4-1/2	1	5/16	3-3/8
12	6	9-1/4	P7	13-14	4-1/2	1	5/16	4-1/8
12	6	10	P7	13-14	4-1/2	1	5/16	4-1/2
12	7	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	7	11-3/4	P7	13-14	4-1/2	1	5/16	5-3/8
12	7	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
12	8	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	8	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
14	7	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	7	12-1/2	P8	15-16	4	1	5/16	5-3/4
14	8	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	8	11-3/4	P8	15-16	4	1	5/16	5-3/8
14	8	12-1/2	P8	15-16	4	1	5/16	5-3/4
16	7	11-3/4	P8	18	4-1/2	1	5/16	5-3/8
16	8	11-5/8	P8	18	4-1/2	1	5/16	5-5/16
16	8	12-1/2	P8	18	4-1/2	1	5/16	5-3/4
16	12	17-5/8	P8	18	4-1/2	1	5/16	8-5/16
16	12	18-5/8	P8	18	4-1/2	1	5/16	8-13/16
18	8	11-5/8	P8	20	5	1	5/16	5-5/16
18	10	15	P8	20	5	1	5/16	7
20	8	11-5/8	P9	22	4	1	5/16	5-5/16
20	12	17-5/8	P9	22	4	1	5/16	8-5/16
20	12	18-5/8	P9	22	4	1	5/16	8-13/16
24	10	11-5/8	P9	26	5	1	5/16	5-5/16
24	12	17-5/8	P9	26	5	1	5/16	8-5/16
24	12	18-5/8	P9	26	5	1	5/16	8-13/16

All plastic Maxi-Tuff MF Buckets that have a depth of 11-1/2", 11-5/8" or 11-3/4" will be punched with a 5-5/16" down dimension (F).

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BUCKET PUNCHING: BELTS

For More Information, Visit WWW.MAXILIFT.COM



PUNCHING: TYPES AA, TIGER-TUFF AND TIGER-CC INDUSTRIAL

TYPES AA, TIGER-TUFF & TIGER-CC INDUSTRIAL CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS FOR BELTS

NOMINAL BUCKET LENGTH INCHES	PUNCHING	B	D	E	F
3	P1	1-3/8	—	1/4	1
4	P1	2-5/16	—	1/4	1
5	P1	3-3/16	—	1/4	1
6	P1	4-3/8	—	1/4	1
7	P2	2-1/2	—	1/4	1
8	P7	3	1	1/4	1
9	P7	3	1	1/4	1
10	P7	3-1/2	1	5/16	1
11	P7	4	1	5/16	1
12	P7	4-1/2	1	5/16	1
13	P8	3-1/2	1	5/16	1
14	P8	4	1	5/16	1
15	P8	4	1	5/16	1
16	P8	4-1/2	1	5/16	1
17	P8	4-1/2	1	5/16	1
18	P8	5	1	5/16	1
19	P9	4	1	5/16	1
20	P9	4	1	5/16	1
21	P9	4-1/2	1	5/16	1
22	P9	4-1/2	1	5/16	1
23	P9	5	1	5/16	1
24	P9	5	1	5/16	1
25	6 over 5	4	1	3/8	1
26	6 over 5	4-1/2	1	3/8	1
27	6 over 5	4-1/2	1	3/8	1
28	6 over 5	5	1	3/8	1

Other Belt Punches Available. Verify Bucket Punching Before Ordering.

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BUCKET ELEVATOR QUESTIONNAIRE

Please complete and Fax to: (972)735-8896

CLIENT INFORMATION

COMPANY: _____

ADDRESS: _____

LOCATION : _____

1. CURRENT BUCKET SIZE: _____

2. CURRENT BUCKET STYLE: _____

3. BUCKET MANUFACTURER: _____

4. BUCKET SPACING ON BELT: _____

5. NUMBER OF BUCKET ROWS: _____

6. PRODUCT BEING ELEVATED: _____

7. PRODUCT DENSITY: _____

8. MOISTURE: _____

9. OIL OR FAT CONTENT: _____

10. PARTICLE SIZE: _____

11. PRODUCT TEMPERATURE: _____

12. HEAD PULLEY DIAMETER: _____

13. HEAD PULLEY WIDTH: _____

14. HEAD SHAFT DIAMETER: _____

15. HEAD SHAFT RPM: _____

16. MOTOR HORSEPOWER: _____

17. BOOT PULLEY DIAMETER: _____

18. FEEDINLET, UPORDOWNLEG: _____

19. FEED INLET, OPENING WIDTH: _____

20. BUCKET ELEVATOR MANUFACTURER: _____

21. REQUIRED CAPACITY: _____

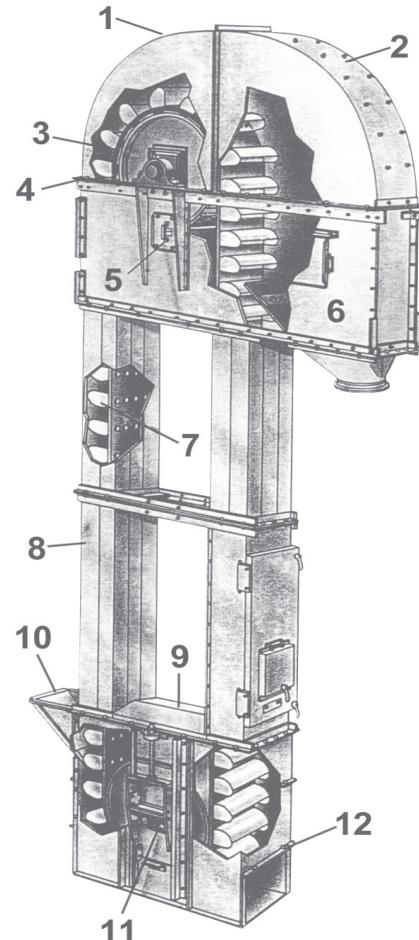
22. CURRENT CAPACITY: _____

CONTACT: _____

REF: _____

EMAIL: _____

PHONE: _____ **FAX:** _____



- | | |
|--|--------------------------------------|
| 1. Up-Leg Bonnet | 7. Elevator Belt & Buckets |
| 2. Down-Leg Discharge Bonnet
w/ Internal Wear Liner | 8. Elevator Leg Casing
& Trunking |
| 3. Head Shaft & Bearing | 9. Boot Section |
| 4. Head Section | 10. Up-Leg Inlet Hopper |
| 5. Pulley Lagging Inspection Door | 11. Boot Shaft & Take-Up Bearing |
| 6. Discharge Throat & Throat Wiper | 12. Boot Clean-Out Slide |

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BUCKET ELEVATOR QUESTIONNAIRE

For More Information, Visit WWW.MAXILIFT.COM

BUCKET ELEVATOR QUESTIONNAIRE (CONT.)

A. HEIGHT OF ELEVATOR: _____

B. DEPTH OF LEG CASING: _____

C. SPACING BETWEEN LEG CASING: _____

D. HEIGHT OF LEG CASING: _____

E. OVERALL WIDTH OF ELEVATOR: _____

F. HEIGHT FROM HEAD SHAFT TO BONNET: _____

G. DEPTH OF BONNET: _____

H. WIDTH FROM HEAD SHAFT TO LEG CASING: _____

I. DIAMETER OF DISCHARGE SPOUT: _____

J. DISTANCE FROM HEAD SHAFT CENTERLINE DOWN TO TOP OF DISCHARGE THROAT:

K. DISTANCE FROM HEAD SHAFT CENTERLINE DOWN TO DISCHARGE SPOUT:

L. HEIGHT OF UP LEG INLET HOPPER: _____

M. HEIGHT FROM BOTTOM OF ELEVATOR TO BOTTOM OF UP LEG INLET HOPPER:

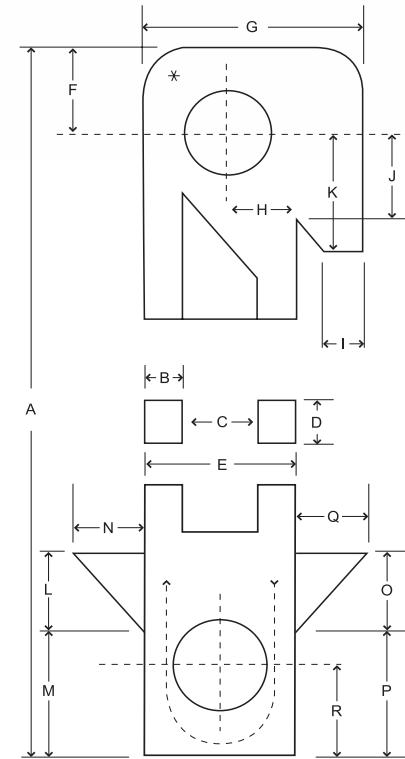
N. DEPTH OF UP LEG INLET HOPPER: _____

O. HEIGHT OF DOWN LEG INLET HOPPER: _____

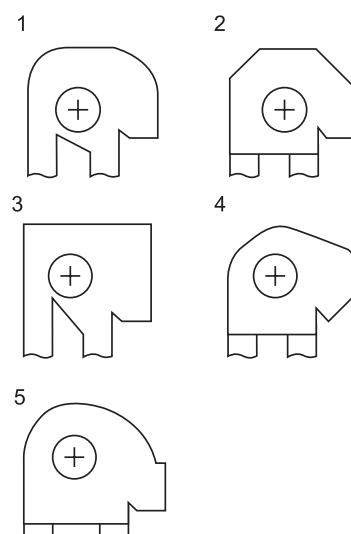
P. HEIGHT FROM BOTTOM OF ELEVATOR TO BOTTOM OF DOWN LEG INLET HOPPER:

Q. DEPTH OF DOWN LEG INLET HOPPER: _____

R. HEIGHT FROM BOTTOM OF ELEVATOR TO BOOT SHAFT: _____



CIRCLE HEAD SHAPE:



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BULK MATERIAL DENSITY

For More Information, Call 1-800-527-0657

BULK MATERIAL DENSITY CHARTS

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Alfalfa Meal	14-22
Alfalfa Pellets	41-43
Alfalfa Seed	10-15
Almonds, Broken	28-30
Almonds, Whole Shelled	28-30
Alum, Fine	45-50
Alum, Lumpy	50-60
Alumina Fines	35
Alumina	50-65
Alumina Sized or Briquette	65
Aluminum Chips, Oily	7-15
Aluminum Chips, Dry	7-15
Aluminum Hydrate	13-20
Aluminum Oxide	60-120
Aluminum Silicate (Andalusite)	49
Aluminum Sulfate	45-58
Aluminum Chloride, Crystalline	45-52
Aluminum Nitrate	45-62
Aluminum Sulfate	45-58
Ammonium Chloride	45-52
Ammonium Nitrate	45
Ammonium Sulfate, Granular	45-58
Ash, Black Ground	105
Ashes, Coal, Dry-1/2"	34-35
Ashes, Coal, Dry-3" & under	35-40
Ashes, Coal, Wet-1/2"	45-50
Ashes, Coal. Wet-3" & under	45-50
Asphalt Binder	80-85
Asphalt, Crushed-1/2"	45
Bakelite, Fine	30-45
Baking Powder	40-55
Baking Soda (Sodium Bicarbonate)	40-55
Barite (Barium Sulfate)+1/2"	120-180
Barite, Powder	120-180
Barium, Carbonate	72
Bark, Wood, Refuse	10-20
Barley, Fine, Ground	24-38
Barley, Malted	31
Barley, Meal	28
Barley, Scoured	41
Barley, Whole	36-48
Basalt	80-105
Bauxite, Dry, Ground	68
Bauxite, Crush-3	75-85
Bauxite, Mine Run	66-90
Beets, Whole	48
Bentonite, Crude	35-40
Benzene Hexachloride	56
Blood, Dried	35-45
Blood, Ground	30
Bones, Whole	35-50
Bones, Crushed	35-50
Bones, Ground	50
Bonemeal	50-60
Bone Ash (Tricalcium Phosphate)	40-50

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Borax 2"-3" Lump	60-70
Borax 1 1/2"-2" Lump	55-60
Borax Screening - 1/2"	55-60
Borax, Fine	45-55
Boric Acid, Fine	55
Boron	75
Bran, Rice-Rye Wheat	16-20
Brewer's Grain, Spent, Dry	14-30
Brewer's Grain, Spent, Wet	55-60
Brick, Hard Burned	125
Brick, Soft Burned	100
Brick, Ground 1/8"	100-120
Bronze Chips	30-50
Buckwheat	37-42
Calcine, Flour	75-85
Calcium Acetate	125
Calcium Carbide (Crushed)	70-80
Calcium Lactate	26-29
Calcium Carbonate	90-100
Calcium Oxide (See Lime, Unslaked)	40-50
Carbon, Activated, Dry, Fine	8-20
Carbon, Black, Pelleted	20-25
Carbon, Black, Powder	4-7
Carborundum	100
Cashew Nuts	32-37
Cast Iron, Chips	130-200
Caustic Soda	88
Caustic Soda, Flakes	47
Cement, Clinker	75-95
Cement, Portland	94
Cement, Aerated (Portland)	60-75
Cement, Mortar	133
Chalk, Crushed	75-95
Chalk, Pulverized	67-75
Charcoal, Lumps	18-28
Charcoal, Ground	18-28
Chips Hogged Fuel	15-25
Chrome Ore	125-140
Cinders, Blast Furnace	57
Cinders, Coal	40
Clay, Calcined	80-100
Clay, Brick, Dry, Fines	100-120
Clay, Ceramic, Dry, Fines	60-80
Clay, Dry, Lumpy	60-75
Coal, Anthracite, Sized - 1/2"	55-60
Coal, Bituminous, Mined 50M & under	50-54
Coal, Bituminous, Mined	40-60
Coal, Bituminous, Mined, Sized	45-55
Coal, Bituminous, Mined, Run of Mine	45-55
Coal, Bituminous, Mined, Slack	43-50
Coal, Bituminous, Stripping, Not cleaned	50-60
Coal, Lignite	40-45
Coal, Char	24
Cocoa Beans	30-40
Cocoa , Nibs	35

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BULK MATERIAL DENSITY

For More Information, Visit WWW.MAXILIFT.COM



BULK MATERIAL DENSITY CHARTS

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Cocoa, Powdered	50
Coconut, Shredded	29
Coffee, Green Bean	45-60
Coffee, Ground, Dry	70-80
Coffee, Ground, Wet	85
Coffee, Roasted Bean	65-85
Coffee, Soluble	110-130
Coke, Loose	90-110
Coke, Petroleum, Calcined	65-75
Coke, Breeze, 1/4 inch and under	90-100
Concrete, Cinder	90-100
Concrete, 2 Inch Slump	104
Concrete, 4 Inch Slump	115
Concrete, 6 Inch Slump	85-90
Concrete, In Place, Stone	10-13
Concrete, Pre-Mix, Dry	65
Copper Ore	27-41
Copper Ore, Crushed	90-100
Copper Sulfate (Bluestone)	85-90
Cork, Fine Ground	80
Cork, Granulated	31
Corn, Cracked	80
Corn Cobs, Ground	130-180
Corn Cobs, Whole	60-65
Corn, Ear	90-100
Corn Germ	80-90
Corn Grits	70-80
Corn Oil Cake	82-85
Corn, Seed	85-95
Corn, Shelled	40-50
Corn, Sugar	45-55
Cornmeal	15-35
Cottonseed Cake, Crushed	15-25
Cottonseed Cake, Lumpy	15-50
Cottonseed, Dry, Delinted	5-15
Cottonseed, Dry, Not Delinted	20-25
Cottonseed Flakes	40-50
Cottonseed Hulls	50
Cottonseed Meal, Extracted	55-65
Cottonseed Meal, Expeller	20-35
Cottonseed Meats, Dry	75
Cottonseed Meats, Rolled	72
Cracklings, Crushed	75
Cullet, Fine	70-80
Cullet, Lump	50-60
Diatomaceous Earth	96
Dicalcium Phosphate	40-43
Disodium Phosphate	30-40
Distillers' Grain, Spent, Dry	18-25
Distillers' Grain, Spent, Wet	27-30
Dolomite, Crushed	40
Dolomite, Lumpy	40
Earth, As Excavated, dry	45-50
Earth, Loam, Dry, Loose	25-50
Earth, Wet, Containing Clay	100-150

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Epsom Salts	40-50
Feldspar, Ground	65-80
Feldspar, Lumps	90-100
Feldspar, Powder	100
Feldspar, Screening	70-85
Ferrous Sulfate	60-70
Ferrous Sulfide, 1/2 Inch	120-135
Ferrous Sulfide, Powder	105-120
Fish Meal	35-40
Fish Scrap	40-50
Flaxseed	45
Flaxseed Cake (Linseed Cake)	48-50
Flaxseed Meal (Linseed Meal)	25
Flour, Wheat	35-40
Flue Dust, Blast Furnace	110-125
Flue Dust, Basic Oxygen Furnace	45-60
Flue Dust, Boiler House, Dry	35-40
Fluorspar Fine (Calcium Fluoride)	80-100
Fluorspar, Lumps, 1-1/2 to 3 Inch	90-100
Fluorspar, Screenings, 1/2 Inch	85-105
Fly Ash	30-45
Foundry Refuse, Old Sand Cores, Etc	70-100
Fuller's Earth, Dry, Raw	30-35
Fuller's Earth, Oily, Spent	60-65
Fuller's Earth, Burned, Roasted	40
Glass Batch	80-100
Glue, Ground	40
Glue, Pearl	40
Glue, Vegetable, Powdered	40
Gluten Meal	40
Granite, Broken	95-100
Granite, Lumps 1-1/2-3 Inch	85-90
Granite, Screenings, 1/2 Inch	80-90
Graphite, Flake	40
Graphite Flour	28
Graphite Ore	65-75
Grass Seed	10-12
Gravel, Bank Run	90-100
Gravel, Dry, Sharp	90-100
Gravel, Pebbles	90-100
Gypsum, Calcined	55-60
Gypsum, Calcined, Powdered	60-80
Gypsum Dust, Aerated	60-70
Gypsum Dust, Non Aerated	93
Gypsum, Lumps, 1-1/2 to 3 Inch	70-80
Gypsum, Raw, 1 Inch	70-80
Gypsum, Screenings, 1/2 Inch	70-80
Guano, Dry	70
Hops, Spent, Dry	35
Hops, Spent, Wet	50-55
Iron Borings, Machine Shop	125
Iron Ore	100-200
Iron Ore, Concentrates	120-180
Iron Ore, Crushed	135-150
Iron Oxide, Pigment	25

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BULK MATERIAL DENSITY

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BULK MATERIAL DENSITY CHARTS

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Iron Oxide, Mill Scale	75
Kaffir Corn	40-45
Kaolin Clay, 3 Inch and Under	63
Kaolin Clay, Talc, 100 Mesh	42-56
Lactose	32
Lead Arsenate	72
Lead Arsenite	72
Lead Carbonate	240-260
Lead Ore, 1/8 Inch	200-270
Lead Ore, 1/2 Inch	180-230
Lead Oxide (Red Lead) 100 Mesh	30-150
Lead Oxide (Red Lead) 200 Mesh	30-180
Lead Sulfide, 100 Mesh	240-260
Lime, Ground, 1/8 Inch and Under	60-65
Lime, Hydrated, 1/8 Inch and Under	40
Lime, Hydrated, Pulverized	32-40
Lime, Pebble	56-56
Limestone, Agricultural, 1/8 Inch and Under	68
Limestone, Crushed	85-90
Limestone, Dust	55-95
Litharge, Pulverized (Lead Oxide)	200-250
Magnesium, Chloride	33
Malt, Dry Ground	20
Malt, Dry Whole	20-30
Malt, Meal	36-40
Malt, Sprouts	13-15
Malt, Wet or Green	60-65
Manganese Dioxide	70-85
Manganese Ore	125-140
Manganese Oxide	120
Manganese Sulphate	70
Marble, Crushed	80-95
Meat, Scrap with Bone	40
Mica, Flakes	17-22
Mica, Ground	13-15
Mica, Pulverized	13-15
Milk, Dried Flakes	5-6
Milk, Malted	30-35
Milk, Powdered	20-45
Milk, Whole, Powdered, Dry	20-36
Milk Sugar	32
Mill Scale	120-125
Milo	40-45
Milo, Ground	32-36
Molybdite, Powder	107
Mortar, Wet	150
Mustard Seed	45
Monosodium Phosphate	50
Niacin (Nicotinic Acid)	35
Nickel (Cobalt Sulphate Ore)	80-150
Oats	26
Oats, Crimped	19-26
Oats, Crushed	22
Oats, Rolled	35
Oat Flour	19-24

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Oat Hulls	8-12
Oil Cake	45-50
Orange Peel, Dry	15
Oxalic Acid, Crystals	60
Oyster Shells, Ground	50-60
Oyster Shells, Whole	80
Paper Pulp (4% or less)	62
Paper Pulp (6% to 15%)	60-62
Peanuts, Raw, Uncleaned, Unshelled	15-20
Peanuts, Clean, In Shell	15-20
Peanuts, Shelled	35-45
Peanut Meal	30
Peas, Dried	45-50
Perlite, Expanded	8-12
Perlite, Expanded, Powder	4-12
Phosphate Acid Fertilizer	60
Phosphate Rock Broken	75-85
Phosphate Rock Pulverized	60
Phosphate Sand	90-100
Phosphate, Triple Super, Ground	50-55
Polyethylene Resin, Pellets	30-35
Polystyrene Beads	40
Polyvinyl Chloride, Pellets	20-30
Polyvinyl Chloride, Powder	20-30
Potash (Muriate) Dry	70
Potash (Muriate) Mine Run	75
Potash Salt (Sylvite)	80
Potassium Carbonate	51
Potassium Chloride, Pellets	120-130
Potassium Nitrate	76
Potassium Nitrate	80
Potassium Sulfate	42-48
Potato Flour	48
Pumice, Ground	40-45
Pyrites, Iron	135-145
Pyrites, Iron, Pellets	120-130
Quartz Dust	70-80
Quartz	80-95
Rice, Hulled	45-49
Rice, Polished	30
Rice, Rough	32-36
Rice Bran	20
Rice Grits	42-45
Rice Hulls	20-21
Rubber, Reclaimed, Ground	23-50
Rubber, Reclaimed	25-30
Rubber, Pellets	50-55
Rye	42-48
Rye Feed	33
Rye Meal	35-40
Rye middlings	42
Rye Bran	15-20
Rye, Shorts	32-33
Safflower Seed	45
Safflower Cake	50

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BULK MATERIAL DENSITY

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BULK MATERIAL DENSITY CHARTS

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Safflower Meal	50
Salicylic Acid	29
Salt, Dry Coarse	45-60
Salt, Dry Fine	70-80
Salt Cake, Dry Coarse	85
Salt Cake, Dry Pulverized	65-85
Sand, Dry, Bank (Damp)	110-130
Sand, Dry, Bank (Dry)	90-110
Sand, Foundry, Prepared	65-75
Sand, Foundry (Shake Out)	90-100
Sand, Dry Silica	90-100
Sand, (Resin Coated) Silica	104
Sand, (Resin Coated) Zircon	115
Sandstone, Broken	85-90
Sawdust, Dry	10-13
Sea-Coal	65
Sesame Seed	27-41
Shale, Broken	90-100
Shale, Crushed	85-90
Shellac	80
Shellac, Powdered or Granulated	31
Silica, Flour	80
Slag, Blast Furnace, Crushed	130-180
Slag, Furnace, Granular, Dry	60-65
Slag, Furnace, Granular, Wet	90-100
Slate, Crushed, Minus 6	80-90
Slate, Dust	70-80
Slate, Crushed, Minus 1/8	82-85
Slate, Lump	85-95
Sludge, Sewage, Dried	40-50
Sludge, Sewage, Dry Ground	45-55
Soap, Beads or Granules	15-35
Soap, Chips	15-25
Soap, Detergent	15-50
Soap, Flakes	5-15
Soap, Powder	20-25
Soapstone, Talc, Fine	40-50
Soda Ash Briquettes	50
Soda Ash, Heavy	55-65
Soda Ash, Light	20-35
Soda Alum	75
Sodium Aluminate, Ground	72
Sodium Aluminate Sulphate	75
Sodium Nitrate	70-80
Sodium Phosphate	50-60
Sodium Sulfite	96
Soy Bean, Cake	40-43
Soy Bean, Cracked	30-40
Soy Bean, Flake, Raw	18-25
Soy Bean, Flour	27-30
Soy Bean Meal, Cold	40
Soy Bean Meal, Hot	40
Soy Beans, Whole	45-50
Starch	25-50
Steel, Turnings, Crushed	100-150

MATERIAL DESCRIPTION	LOOSE BULK DENSITY # / CU.FT.
Steel, Trimmings	75-150
Sugar Beet Pulp, Dry	12-15
Sugar Beet Pulp, Wet	25-45
Sugar, Refined, Granulated, Wet	50-55
Sugar, Raw	55-65
Sugar Cane, Knifed	15-18
Sulphur, Crushed Minus 1/2"	50-60
Sulphur, Lumpy Minus 3"	80-85
Sulphur, Powdered	50-60
Sunflower, Seed	19-38
Taconite, Pellets	116-130
Talcum Powder	50-60
Talcum, Minus 1/2"	80-90
Talc, Solid	165
Tallow	58
Tanbark, Ground	55
Trap Rock, Screenings	90-100
Trap Rock, Lumps	100-110
Tricalcium Phosphate	40-50
Trisodium Phosphate	60
Trisodium Phosphate, Granular	60
Trisodium Phosphate, Pulverized	50
Triple Super Phosphate	50-55
Urea Prills, Coated	43-46
Vermiculite, Ore	80
Vermiculite, Expanded	16
Vetch	48
Walnut Shells, Crushed	35-45
Wheat	45-48
Wheat Bran	16-20
Wheat, Cracked	40-45
Wheat, Flour	33-40
Wheat, Germ	18-28
Wheat, middlings	20-24
White Lead, Dry	75-100
Wood Chips, Screened	10-30
Wood Chips, Hogged Fuel	15-25
Wood, Flour	16-36
Wood, Shavings	8-16
Zinc, Concentrate Residue	75-80
Zinc, Dust	200
Zinc, Ore, Crushed	160
Zinc, Ore, Roasted	110
Zinc Oxide, Heavy	30-35
Zinc Oxide, Light	10 15

* Material density is approximate. Weight can change due to moisture content of product.

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

CONTACT INFORMATION

Call 1-800-527-0657 or Visit WWW.MAXILIFT.COM

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For additional information on any of our products, please visit us on the web at WWW.MAXILIFT.COM. Our complete line of literature and catalogs are available for downloading. In addition, the site contains case studies, engineering and technical information to help answer any questions. Or contact us through one of the methods below:

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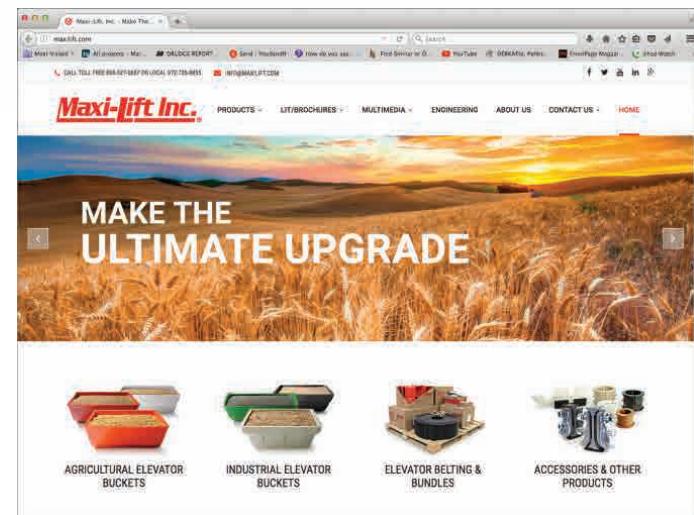


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LOOKING FOR A DISTRIBUTOR IN YOUR AREA?

For a distributor in your area, please contact a Maxi-Lift sales representative at (800) 527-0657. We will ask for your phone number and zip code and give you a list of distributors in your local area.

DISCLAIMER

The information provided in this catalog may include inaccuracies or typographical errors. Changes are periodically made to the information contained in this catalog. Updated information / changes can be made at any time. Specific questions about the information contained in this catalog can be confirmed with Maxi-Lift at (800) 527-0657, (972)735-8855 or faxed to (972)735-8896.

Manufacturer recommends storing product away from exposure to the sun, as its UV rays and other general weather conditions will diminish the life of the product. Exposure to outside weather elements voids all warranties.

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Tolerances: Thermal plastic molded products will vary slightly in size, capacity and weight. Consult Maxi-Lift for details.

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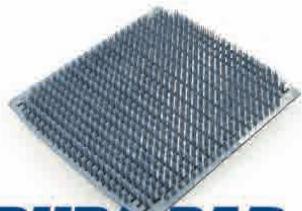
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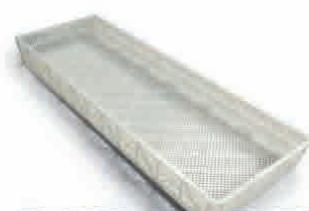
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