UNIVERSAL
MAXCAP IMPACT CRUSHER (PRIMARY)

The Universal MaxCap Impact Crusher Primary features the best of both the Andreas and New Holland Style Primary Crushers. It offers a large expansion crushing chamber like the New Holland Style while using the technology of the Andreas style crusher to break the rock. The primary stage impact chamber utilizes fixed impact plates promoting vertical expansion upon impact and controlled re-entry into the impact zone for maximum reduction. The secondary stage impact chamber has an “on the fly” adjustable curtain with cast wear plates. This feature controls product top-size as the chamber is adjusted to compensate for changes in product requirements. The Universal MaxCap provides for maximum capacity as a true primary impact crusher and delivers a high-quality, cubical product at a lower cost-per-ton.

Standard Design Features:

- Main Housing - heavy duty fabricated plate steel construction comprised of an upper and lower section with inspection doors and hatches on sides and back.
- Upper section pivots hydraulically to provide easy access to the interior for general maintenance and periodic hammer changes.
- On the fly hydraulic adjustment mechanism with hydraulic relief and auto-reset simplifies adjustment settings on the adjustable curtain and eliminates downtime due to uncrushables.
- Feed plate pivots hydraulically with shim adjustment, during operation, to vary the angle of feed into the impact zone and accommodate changes in material characteristics.
- The impact chambers and feed plate are comprised of interchangeable cast manganese plates for maximum wear life and impact resistance.
- Interior walls of the impact chambers are protected with replaceable abrasion resistant steel liners, to provide extended wear life.
- Rotor Assembly - solid steel rotor of heavy steel plate construction with keyless mounting of the rotor body to the shaft, spherical roller bearings, and quick change wedge system for retaining the one-piece hammers.
- Three (3) rows of vertically installed heavy duty curved manganese hammers are reversible with protruding leading edge for optimum capacity and greater utilization.
- Hydraulic Unit – consisting of a 15 HP electric/hydraulic power unit to control the hydraulic cylinders for the hood, secondary stage curtain wear plate, and feed plate.

Optional Equipment Available:

- Third stage reduction attachment for additional sizing control and product gradation complete with replaceable liners
- Drive guard
- Crusher sheave
- Motor sheave
- V-belts
- Electric motor
- Jib crane

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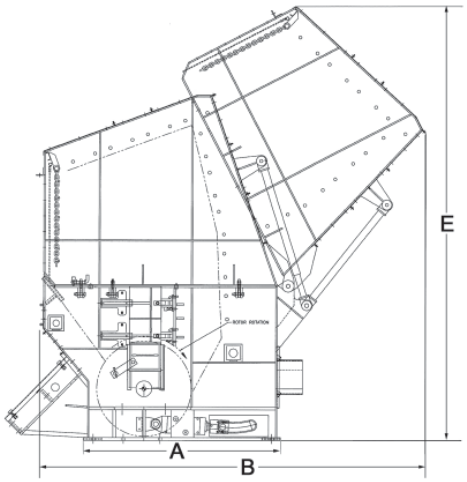
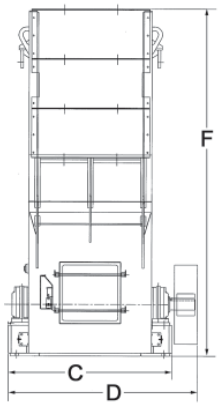
Adjust On The Fly Technology





Hydraulic Controlled Product Sizing

DIMENSIONS

		MaxCap 600	MaxCap 750	MaxCap 1000	MaxCap 1400
A = Length at Base	in	97	100	119	150
	mm	2,464	2,540	3,023	3,810
B = Length at Hood Open	in	182	199	225	232
	mm	4,623	5,055	5,715	5,893
C = Width at Base	in	87	83	97	98
	mm	2,210	2,108	2,464	2,489
D = Width at Shaft	in	98	96	127	130
	mm	2,489	2,438	3,226	3,302
E = Height - Hood Open	in	189	220	261	267
	mm	4,801	5,588	6,629	6,782
F = Height - Hood Closed	in	151	175	208	215
	mm	3,835	4,445	5,283	5,461

SPECIFICATIONS

Capacity @ - 6" (Estimated Average)		STPH	600	750	1000	1400
Feed Opening		in	50 x 48	50 x 50	60 x 60	60 x 60
(Width x Height)		mm	1,270 x 1,219	1,270 x 1,270	1,524 x 1,524	1,524 x 1,524
Maximum Feed Size		in	40	45	50	55
		mm	1,016	1,143	1,270	1,397
Discharge Opening		in	50 x 80	50 x 94	60 x 94	60 x 98
(Width x Length)		mm	1,270 x 2,032	1,270 x 2,388	1,524 x 2,388	1,524 x 2,490
Rotor Size		in	44 x 50	48 x 50	52 x 60	58 x 60
(Diameter x Width)		mm	1,118 x 2,032	1,219 x 1,270	1,321 x 1,524	1,473 x 1,524
Crusher Weight		lbs.	55,250	64,125	95,170	112,150
		kg	25,061	29,087	43,168	50,870
Rotor Speed		RPM	675	620	575	520
Horsepower		HP	300	400	500	700
Standard Hammers	Weight	lbs./kg	1,182 / 536	1,182 / 536	1,538 / 698	1,538 / 698
	Rows		3 x 1	3 x 1	3 x 1	3 x 1
	Material		Manganese	Manganese	Manganese	Manganese
Interior Breaker Plates		in	2.0	2.0	2.0	2.0
Wear Thickness		mm	50.8	50.8	50.8	50.8
Feed Plate & Lower Breaker Plate Liner		in	2.0	2.0	2.0	2.0
Wear Thickness		mm	50.8	50.8	50.8	50.8
Side Liners		in	1.0 AR	1.0 AR	1.0 AR	1.5 AR
Wear Thickness		mm	25.4	25.4	25.4	38.1

Optional Third Stage Reduction Attachment

Weight	lbs.	2,465	2,480	2,680	2,680
	kg	1,118	1,125	1,216	1,216
Additional HP Required	HP	150	150	250	300

Note: MaxCap 1400 includes shaft extension on both sides for dual drive.