

# R & S Industries, Inc.



# SILOS



## **R & S ARROWHEAD SILO EQUIPMENT DESCRIPTIONS:**

### **SILO TANK INCLUDES:**

- SQUARE ROOF FOR 22% ADDITIONAL WORK AREA OVER ROUND ROOFS
- UPPER FRAME WITH 3'-9" CLEARANCE UNDER CONE
- SILO CONE WITH 50 DEGREE SLOPE
- SIX INTERNALLY MOUNTED AERATION PADS WITH SOLENOID AND AIR LINES
- 10" DISCHARGE BUTTERFLY VALVE WITH AIR ACTUATOR AND SOLENOID
- EMERGENCY SLIDE GATE
- 4" PNEUMATIC FILL LINE WITH CAMLOCK FITTINGS
- WEIGHTED TYPE PRESSURE RELIEF VALVE PROTECTS SILO FROM OVERPRESSURE
- INSPECTION PORT IN TOP OF SILO
- SILO TOP HANDRAILS WITH TOEBOARDS
- OSHA TYPE CAGED LADDER(S)
- ONE COAT OF PRIMER AND ONE TOP COAT OF INDUSTRIAL ENAMEL PAINT
- ELECTRICAL WIRING IN EMT CONDUIT TO JUNCTION BOX
- REQUIRED AIR LINE FILTER / REGULATOR INSTALLED
- \*\*\*\*\* WEATHER TIGHT ENCLOSURE FOR AIR VALVES WHEN PURCHASED WITH COMPLETE CONCRETE PLANT \*\*\*\*\*

## **DOUBLE WALL SILO PARTITION WITH SPLIT 50/50 OR 1/3-2/3 INCLUDES:**

- UPPER FRAME WITH 3'-9" CLEARANCE
- SILO CONE WITH 50 DEGREE SLOPE
- 2 - 10" DISCHARGE BUTTERFLY VALVES WITH AIR ACTUATOR AND SOLENOID
- SIX INTERNALLY MOUNTED AERATION PADS WITH SOLENOID AND AIR LINES
- 2 - EMERGENCY SLIDE GATES
- 2 - 4" PNEUMATIC FILL LINES WITH CAMLOCK FITTINGS - ONE PER COMPARTMENT
- 2 - WEIGHTED TYPE PRESSURE RELIEF VALVES PROTECTS SILO FROM OVERFILLING
- 2 - INSPECTION PORTS IN TOP OF SILO

### **20'-0" BOLT-TOGETHER LOWER SUPPORT LEGS INCLUDING:**

- EXTENSION FOR 4" PNEUMATIC FILL LINE
- CAGED LADDER EXTENSION





## R & S ARROWHEAD SILO EQUIPMENT DESCRIPTIONS FOR OPTIONAL EQUIPMENT:



- CEMENT WEIGHT BATCHERS INCLUDING:
- THREE NTEP CERTIFIED COMPRESSION STYLE LOAD CELLS
- SIGNAL-TRIM STAINLESS STEEL SUMMING BOX
- LOAD CELLS AND SUMMING BOX ARE INSTALLED AND WIRED
- 8" DISCHARGE BUTTERFLY VALVE WITH AIR ACTUATOR
- INCHING TYPE SOLENOID AND FLOW CONTROL VALVES
- MICRO SWITCH FOR DISCHARGE BUTTERFLY VALVE INSTALLED AND WIRED
- AIR VIBRATOR WITH SOLENOID AND AIR LINE INSTALLED
- THREE ETERNALLY MOUNTED AERATION PADS WITH SOLENOID AND AIR LINES
- SEAMLESS GUM-RUBBER DISCHARGE BOOT.
- TOP MOUNTED INSPECTION PORT
- NOTE: VOLUME OF 10 YARD BATCHER 93 CUBIC/FT.
- NOTE: VOLUME OF 12 YARD BATCHER 111 CUBIC/FT.

### UPPER SAFETY DECK FOR CEMENT BATCHER / SCREW CONVEYOR INCLUDES:

- HEAVY-DUTY BAR GRADING WALK SURFACE
- HANDRAIL WITH TOEBOARD
- STEP-OFF DECK FROM CAGED LADDER

### LOWER SAFETY DECK FOR SERVICING CONVEYOR DRIVE AND BATCHER DISCHARGE:

- HEAVY-DUTY BAR GRADING WALK SURFACE
- HANDRAIL WITH TOEBOARD
- STEP-OFF DECK FROM CAGED LADDER

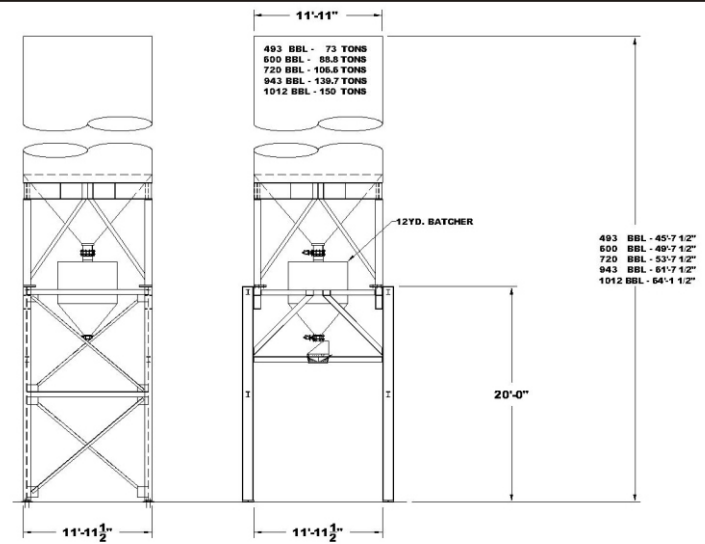
### LADDER CLIMBERS DEVICE REPLACES CAGES ON LADDER INCLUDING:


- SAFETY CABLE
- CLIMBING HARNESS AND SAFETY CATCH DEVICE





**Also available:  
Vertical Pig Silo**



ITEM		PART NO.		DESCRIPTION				QTY	
TITLE				BY		ST		 <b>R&amp;S INDUSTRIES</b> 1-866-817-7538	
ARROWHEAD MAIN SILOS				DATE		02-11-06			
				DWG NO.		S-284			
								REV	

**R&S INDUSTRIES**  
1-866-817-7838

### OPTIONAL EQUIPMENT FOR ARROWHEAD SILOS

- DUST CONTROL EQUIPMENT
- OVERFILL PROTECTION SYSTEMS
- BIN LEVEL INDICATORS
- 5" PNEUMATIC FILL LINES
- 10 OR 12 CUBIC YARD WEIGHT BINS
- EXTENDED SUPPORT LEGS
- DOUBLE WALL PARTITION FOR SECOND COMPARTMENT
- SAFETY DECKS
- SCREW CONVEYORS
- AIR SLIDES
- AERATION BLOWERS

### FEATURES FOR AUXILIARY ARROWHEAD SILOS EQUIPMENT DESCRIPTIONS:

#### 9" X 15'-0" SCREW CONVEYOR (RATED AT 1200 CU/FT/HR) INCLUDES:

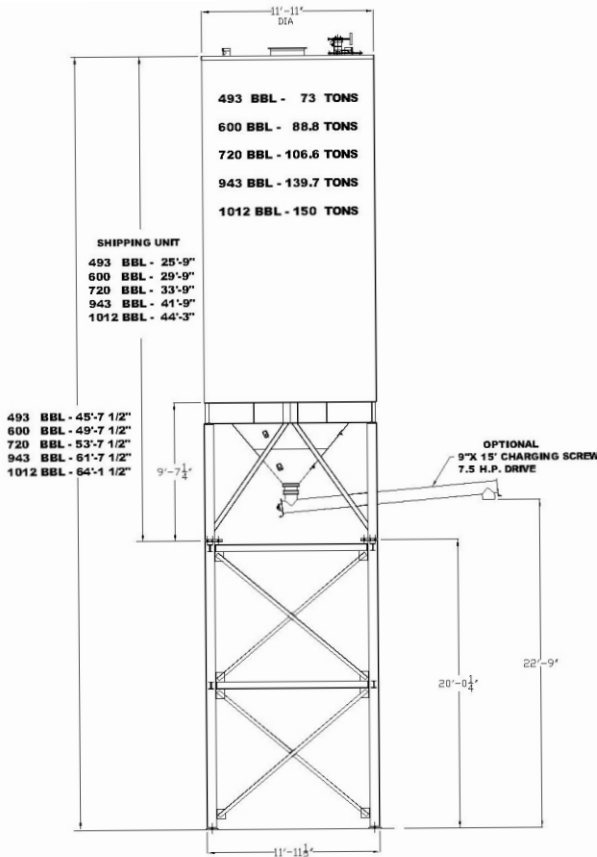
- 10 HP TEFC MOTOR WITH MOTOR STARTER AND WIRING

#### 12" X 15'-0" SCREW CONVEYOR (RATED AT 3800 CU/FT/HR) INCLUDES:

- 15 HP TEFC MOTOR WITH MOTOR STARTER AND WIRING

#### 10" X 15'-0" AIR SLIDE (RATED AT 4000 CU/FT/HR) INCLUDES:

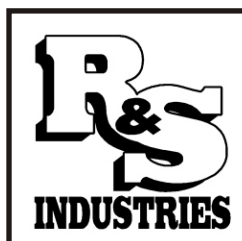
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**ARROWHEAD AUX. SILO**

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BY	ST	<b>R&amp;S</b>	<b>R&amp;S INDUSTRIES</b>
DATE	9-9-03		1-866-817-7838
DWG.NO.	<b>S-135</b>		REV 1



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