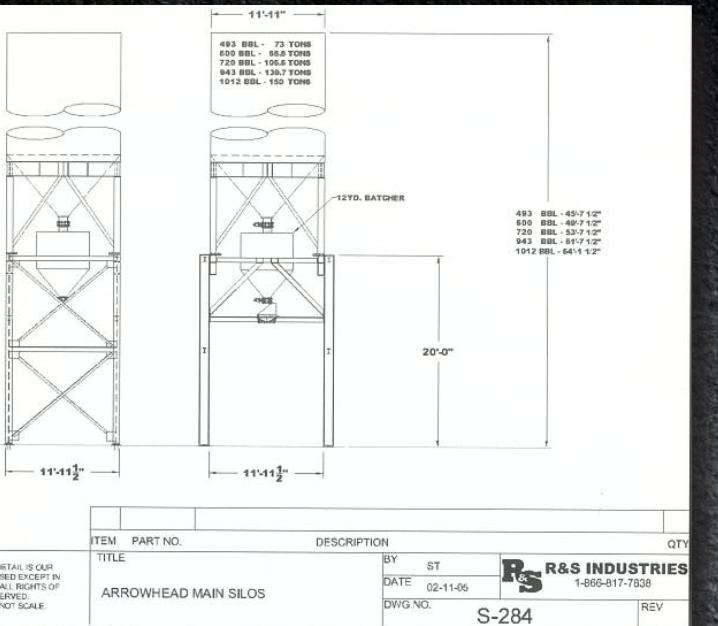


Also available
Vertical Pig Silo



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 3800 CU/FT/HR) includes:

- 10HP TEFC Motor with motor starter and wiring

12" x 15'-0" air slide (rated at 4000 CU/FT/HR)

- 15HP TEFC Motor with motor starter and wiring

10" x 15'-0" air slide (rated at 4000 CU/FT/HR)

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. DIMENSIONS AS INDICATED, DO NOT SCALE.

BY ST R&S INDUSTRIES 1-866-817-7838

DATE 9-9-03 DWG. NO. S-135 REV 1

Liddell Industries, Inc.

4306 U.S. 377, Brownwood, TX 76801

www.liddellindustries.com

Brownwood, Texas

www.liddellindustries.com



(866)817-7838

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
- 6 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



Liddell Industries, Inc.
4306 U.S. 377
Brownwood, TX 76801

20' Bolt-together lower support legs including:

- Extension for 4" pneumatic fill line
- Caged ladder extension



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



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
- Inchng 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.

