

Since 1871

Sioux City Foundry Co.

METAL CASTING

Over 140 Years of Casting Experience



EQUIPMENT LIST

MELT

- (2) Ajax 8000 lbs. coreless induction furnaces
- new in 2008

LAB

- GDS 500A Leco spectrograph
- CS 200 Leco carbon sulfur determinator

GREEN SAND MOLDING

- (2) B&P 75B Speedmuller
- PLC based Hartley Controls sand control system
- (1) 14x19 Hunter molding machine with automated cooling line
- (1) 20x24 Hunter molding machine with automated cooling line
- (4) Jolt Squeeze molding stations
- (1) Rota-Lift molding station

NO BAKE MOLDING

- 1000 lb./min Kloster sand mixer with temperature classifier
- PLC based mold loop
- 6000 lb. roll over
- (3) 4000 lb. mold handler
- Rail palletized mold pouring and cooling line

CORE

- NO BAKE
 - 500 lb. / min Palmer sand mixer
 - 4000 lb. roll over
- OIL SAND
- SHELL SAND
- ISOCURE SAND
 - 300 lb. / min Kloster sand mixer
 - Gaylord SATB-40 core blower



CAPACITIES

MELT / POUR

- 30 Tons per 8 hr. shift
- Gray Iron
 - 5000 lb. pour weight
 - 3500 lb. casting weight
- Ductile Iron
 - 2200 lb. pour weight
 - 1600 lb. casting weight

MOLD

- 72" x 72" x 20" maximum envelope per mold half
- 4000 lb. maximum sand weight per mold half

**Awarded
Best in Class
Castings
140 Years**



As featured in
Metal Casting Design & Purchasing

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