Equipment & Capacity List

NO BAKE MOLDING

- 1000#/min Kloster sand mixer with temperature classifier
- PLC based mold loop
- 6000# roll over
- 4000# mold handlers
- Rail palletized mold pouring and cooling line

GREEN SAND MOLDING

- 20 x 24 Hunter molding machine with automated mold handler
- 14 x 19 Hunter molding machine with automated mold handler
- Jolt squeeze molding stations
- Rota-Lift molding station
- B&P 75B Speedmullors
- PLC based Hartley Controls sand control system

CORES

- No Bake
  - ◇ 500#/min Palmer sand mixer
  - ◇ 4000# roll over
- Oil Sand
- Shell Sand
- Isocure Sand
  - ◇ 300#/min Kloster sand mixer
  - ◇ Gaylord SATB-40 core blower

MELT

- Ajax 8000# coreless induction furnaces
- Gray Iron
  - ◇ 4000# pour weight
  - ◇ 3000# casting weight
- Ductile Iron
  - ◇ 2200# pour weight
  - ◇ 1600# casting weight
- Austempered Ductile Iron
- Ni-Hard

GRINDING/FINISHING

- Wheelabrator 14 cu. ft. Tumblasts
- Wheelabrator table blast with 2-96” tables
- 11 grinding stations
- Lindberg heat treat oven

LAB/Q.C.

- GDS 500A Leco Spectrograph
- CS 200 Leco Carbon Sulfur Determinator

Check out our video: www.siouxcityfoundry.com/metal-casting.html

Since 1871

Sioux City Foundry Co.

801 Division St. • Sioux City, IA 51105 • 800.831.0874 • 712.252.4181
www.siouxcityfoundry.com • sales@siouxcityfoundry.com

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