

# 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](http://www.siouxcityfoundry.com/metal-casting.html)

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**Sioux City Foundry Co.**

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