



# Foundry Operations Gray & Ductile Castings

## Molding

### Herman Automatic

- 34" x 34" mold size
- 10"/10" flask size
- 350 lb. max.
- 2-hour mold cooling line
- Sand cooling & conditioning system

### Roberts Sinto Automatic Distinct Advantages

- 20" x 24" mold size
- 8"/8" flask size
- 100 lb. max
- Offset parting capability
- 90 min. mold cooling line
- High mold hardness values (90-95 range)
- Minimum draft requirements
- Near net shape capabilities
- Uniform mold hardness

### Automatic Furan No-Bake Molding Line

- Up to 60" x 90" mold size
- 20"/20" cope and drag
- Palmer 45 ton per hour Heater/Cooler/Classifier
- CE Cast 1,000 lb./min. mixer
- Castech catalyst and binder control
- 2,800 lb. max.

## Machining Capabilities

- CNC Work Cells
- Turning (up to 108")
- Milling (up to 64" x 40")
- Drilling & Tapping
- Broaching
- Balancing
- Painting
- Assembly
- Hobbing (up to 76")

## Coremaking

- Batch Mixers
- Continuous Mixers
- Core Oven
- Core Blowers
- Oil Sand
- No-Bake
- Shell

## Pattern Making

- Iron
- Steel
- Wood
- Urethane
- Aluminum

## Melting

- 4 – 30/40-ton Ajax Channel Furnaces
- 1 – 15/22-ton Ajax Channel Furnace
- 2 – Preheaters

### Iron Classes

- Gray Iron Classes:  
25, 30, 35, 40
- Ductile Iron Classes:  
60-40-18  
65-45-12  
80-55-06  
100-70-03

## ISO 9001 CERTIFIED

