



ISO 9002 Certified

# Southwest Steel Casting Company

member of ARI - Industrial Products Group

## Plant 1 Equipment Listing

**General:**

Airset/Nobake foundry with a capacity of 400 tons/month.  
Castings size ranges from 10 to 500 lbs.

**Melting:**

Electric Arc Melting:  
- (1) 3 ton Electric Arc Furnace  
- Heat sizes range from 3,000 to 6,000 lbs.

**Core Making:**

Airset:  
- Nobake Core Loop  
- Pacemaster 300 lb./min. Continuous Mixer  
- 90kw Sand Heater  
- Variable Rate Compaction Table  
Shell:  
- Dependable Shell Core Machines

**Molding:**

Nobake, Flaskless Large Molding Loop:  
- 20 Molds/Hour  
- Mold Sizes from:  
    24" square x 6" over 6" to  
    48" square x 18" over 18"  
- Pacemaster 550 lb./min. Continuous Mixer  
- 120kw Sand Heater  
- Variable Rate Compaction Table  
- International Rollover, 4,000 lb. capacity

**Sand Reclamation:**

Attrition (12 tph) System  
- Didion Rotary Lumpreducer  
- Magnetic Separation  
- Sand Screening  
- Sand Cooler/Classifier  
- Bulk Sand Storage & Distribution System

**Cleaning Room:**

Shared with Plant 2



600 Foundry Drive, Longview, Texas, 75604  
Phone: 903-759-3946 Fax: 903-759-3224



ISO 9002 Certified

# Southwest Steel Casting Company

member of ARI - Industrial Products Group

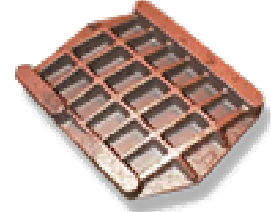
## Plant 2 Equipment Listing

### General:

Airset/Nobake foundry with a capacity of 500 tons/month  
Castings size ranges from 10 to 2,500 lbs.

### Melting:

Electric Arc Melting:  
- (1) 5 ton Electric Arc Furnace  
- Heat sizes range from 4,500 to 12,000 lbs.



### Core Making:

Isocure:  
- Redford CB16SA Core Machine  
- Palmer M100 Continuous Mixer  
- Industrial Machinery 1,200 CFM Fume Scrubbers  
- CMI CB22SA Core Machine  
- Palmer M100 Continuous Mixer  
- Industrial Machinery 1,200 CFM Fume Scrubber



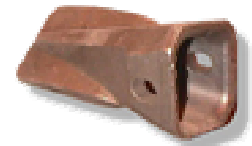
### Molding:

Nobake, Flaskless Molding Loop:  
- 35 Molds/Hour  
- Mold Sizes from:  
    24" square x 6" over 6" to  
    52" square x 18" over 18"  
- Pacemaster 550 lb./min. Continuous Mixer  
- 120kw Sand Heater  
- Variable Rate Compaction Table  
- Kloster Rollover, 4,500 lb. capacity  
- Flow Coating (for mold wash application)



### Sand Reclamation:

Attrition (12 tph) and Thermal (1.5 tph) Systems  
- Didion Rotary Lumpreducer  
- Magnetic Separation  
- Sand Screening  
- Dual Sand Cooler/Classifiers  
- Gudgeon 1.5 tph Thermal Reclaimer  
- Bulk Sand Storage & Distribution System



### Cleaning Room:

Blast Equipment:  
- (1) 72 Cubic Foot Rotablast  
- (1) 34 Cubic Foot Rotablast  
- (1) 18 Cubic Foot Rotablast  
Heat Treating :  
- (3) Gas Fired Car Bottom Furnaces:  
    Automatic recording pyrometers  
    Capable of Normalizing, Annealing & Stress Relieving  
- (1) Gas Fired Box Furnace  
- (1) Water Quench Tank:  
    Oil Quench, Atmospheric Carburizing & Flame Hardening



600 Foundry Drive, Longview, Texas, 75604  
Phone: 903-759-3946 Fax: 903-759-3224