



Liberty Casting Company



Gray and Ductile IRON CASTINGS

**FROM CONCEPT TO COMPLETION LIBERTY CASTING & LIBERTY TECHNOLOGY
ARE YOUR AMERICAN MANUFACTURING PARTNERS**

LARGE CASTING technology

- Low to Medium Volume No-Bake Molding
- Daily Melt Capacity 90 Tons Per Day
- Complex Shapes and Sizes
- Castings Up To 12,000 lbs.
- Intricately Cored Castings
- Cold Box, No-Bake Cores and Printed Cores
- (3) Molding Lines and Core Rooms for Efficiency
- ASTM –SAE Gray and Ductile Iron - DIN Specs
- In-House Heat Treating
- Coreless Induction Melting
- In-House Pattern Shop

AUTOMATED CASTING technology

- Medium to High Volume Greensand Casting
- Daily Melt Capacity 22 Tons Per Day
- Castings Up To 500 lbs.
- Sinto - FBO-III - 20x24 - Matchplate Molding
- Sinto - HSP - 32x38 - Cope & Drag Molding
- Shell, Cold Box & No-Bake Cores
- Hartley Controlled Greensand Monitoring
- In-House Heat Treating
- Coreless Induction Melting
- Real Time Production Data Control
- In-House Pattern Shop

Industries Served:

Compressors, Blowers, Pumps, Tire Equipment, Oil & Gas, Drilling, Wind Energy, Plastic Injection, Machine Tool, Robotics, Agricultural, Construction Equipment, Transportation, HVAC, Coal, Cold Forming Equipment and various other industries nationwide.

QUALITY SERVICES

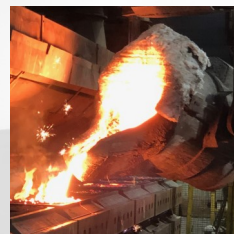
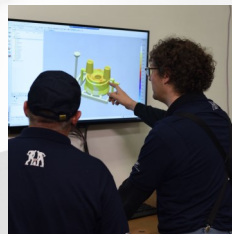
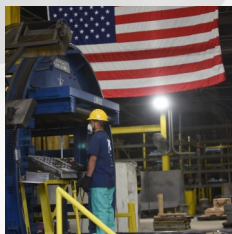
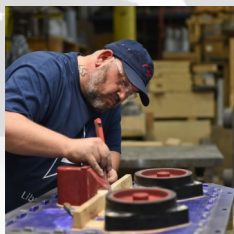
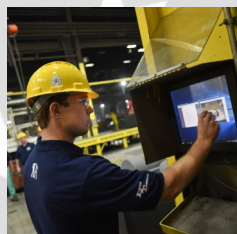
- ⇒ Web based shop floor quality system
- ⇒ Spectrometer for Chemistry Verification
- ⇒ Ultrasonic Testing
- ⇒ Brinell Testing
- ⇒ LECO Carbon Sulfur Analyzer
- ⇒ ISO Compliant

VALUE ADDED SERVICES

- ⇒ Chemical & Mechanical Certification
- ⇒ Charpy Impact
- ⇒ Magnetic Particle
- ⇒ Die Penetrant
- ⇒ Radiographic X-ray
- ⇒ Painting

ENGINEERING SERVICES

- ⇒ Casting Design Assistance
- ⇒ Magma Solidification Software
- ⇒ Tooling Design Assistance
- ⇒ FARO Arm & 3D Scanning
- ⇒ Dimensional Verification
- ⇒ 3D Printing



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