

Centrifugal Casting Machine Company, Inc.

The world leader in centrifugal casting and permanent mold technology

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MODEL HT MACHINE

Horizontal Centrifugal Casting Machine — 100 Ton Capacity

The Model HT machine is used to cast the outer shell of bimetal steel rolls as well as heavy tube castings. The machine utilizes a spinning mold, or chill, on four trunnion wheels.

The below machine is a Model HS, 45 ton machine. It is representative of the HT machine.





CASTING ALLOYS

Materials cast include: Carbon Steel, Alloy Steel, Stainless Steel, Gray Iron, Ductile Iron, High Chrome Iron, Roll Materials (ICDP, HCRI, HCRS, HSS, S-HSS) Copper and Copper Alloys, Nickel Alloys

STANDARD FEATURES

- Hydrostatic Drive System
- Four Pillow Block Assemblies
- Machine Base Assembly Drawings
- Vibration Monitoring System
- Mold Coating Assembly
- Main Operator's Console with touchscreen controls.
- Mold Temperature Monitoring



MODEL HT STANDARDS

Acceleration: <7 MinutesDeceleration: <5 minutes

• Vibration: <2 mm without a chill, <5-7 mm with chill

 Temperature: < 20 degrees c below the real temperature

OPTIONAL FEATURES

- Upgrade to Industrial Computer
- Drawings for Auxiliary Items
 - Pouring System Assembly
 - Moving Platform Assembly
 - Flux Application Assembly
 - Temperature Probe Assembly
 - Overhead Moving Roof Assembly
 - Mold Cleaning Assembly

TECHNOLOGY AND SERVICE (supplied as required)

- Centrifugal Casting Technical Manuals
- Start Up Service by World Experts in Roll Production.