



Centrifugal Casting Machine Company, Inc.

The world leader in centrifugal casting and permanent mold technology

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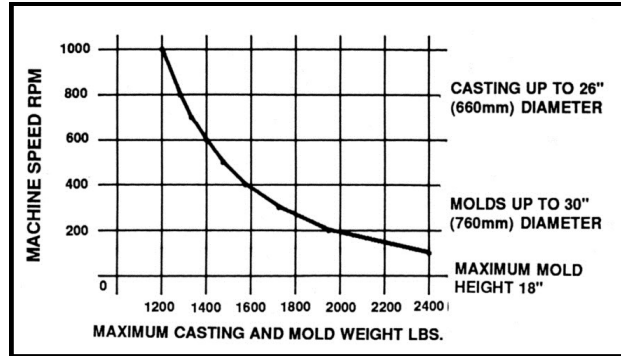
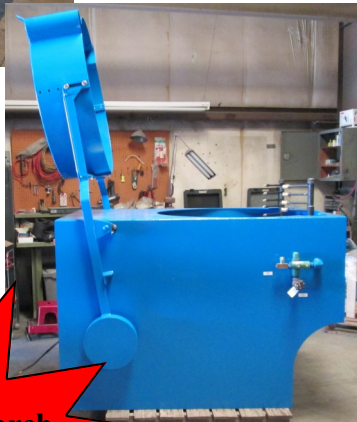
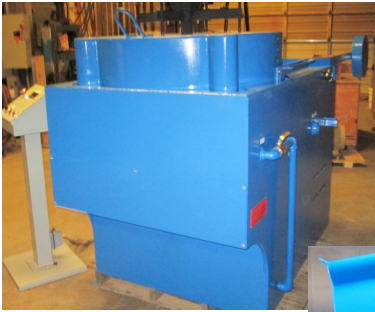
MODEL AVB — Vertical Centrifugal Casting Machine

MODEL AVB-WC

Vertical Centrifugal Casting Machine

Maximum Spin Load at Top Speed 1200 lbs. (544 Kgs)

Using permanent steel molds the Model AVB has been used to produce large diameter castings for ultimate use as gears, flanges, bearings, bushings, sheaves, pulley's, ball valves, parts and small bi-metal steel mill rolls.



STANDARD ENGINEERING FEATURES

- 5HP Infinitely variable speed drive
- Enclosed spindle
- Internal shaft and bearing water cooling
- Mold water cooling system
- Mold heating system
- Pouring funnels or systems
- Free-standing operators console
- Mold adapter table
- Casting extraction tooling
- Permanent molds and/or mold designs
- Mold wash and application system

ADDITIONAL FEATURES (supplied as required)

- Metal weighing system

TECHNOLOGY AND SERVICE (supplied as required)

- Centrifugal Casting Technical Manual
- Operational parameters for customer applications
- Mold wash formulations
- 12 month equipment warranty
- Installation and/or start up service

UTILITY AND SPACE REQUIREMENTS

- 5HP (3.75KW) — 150% of rating used for max. acceleration & deceleration
- Air — 20CFM @ 80 PSI for mold spray
- Water — 10 GPM @ 40 PSI — mold cooling
- Water — 10 GPM @ 40 PSI — shaft cooling
- Gas — 2 CFM @ 0.4 PSI for mold heating

Excellent Research
& Development
Machine

CASTING ALLOYS

Materials cast include: Carbon Steel, Alloy Steel, Stainless Steel, Cast Iron, Ductile Iron, High Chrome Iron, Pure Copper and Copper Alloys, Nickel Alloys and Cobalt Alloys.