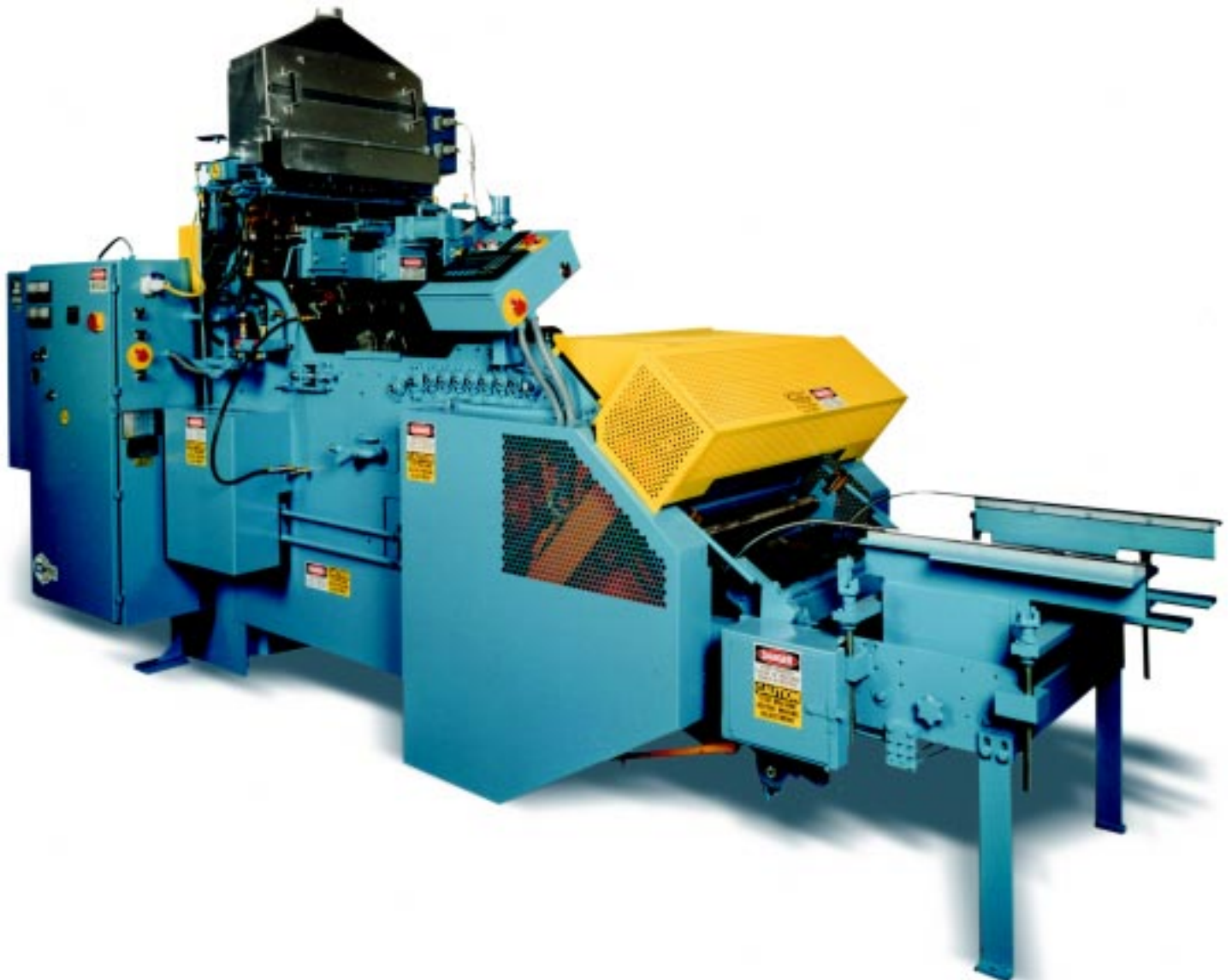




INDUSTRIAL GRID CASTING MACHINE MODEL 332C

THE WIRTZ MODEL 332C GRID CASTER FOR PRODUCTION OF INDUSTRIAL BATTERY GRIDS USING EITHER LEAD CALCIUM OR LEAD ANTIMONY TO PRODUCE HIGH QUALITY GRIDS.

The 332C Industrial Grid Caster is an easy to operate, easy to maintain machine, producing uniform size and weight grids - in four to twelve cycles per minute. It features a unique grid transfer mechanism with grid centering and a pallet die entry mechanism that eliminates jams and mis-trims. As a result, the 332C can produce up to 60% more grids than competitive casters. All machines have complete internal piping for gas, air, water and mold coolant. Additionally, a rubberized internal scrap conveyor belt returns waste to the melting pot. For increased production and improved quality, the Wirtz 332C caster is the hands down winner for calcium or anti-mony alloys.



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General Specifications

- Variable speed drive. Machine speed of 4-12 cycles per minute depending on grid type, thickness, and grid alloy.
- Standard mold sizes are 10.25" (260.35mm) x 24" (609.6mm), 30" (762mm) or 32" (812.8mm). Will accept mold sizes of 12" (304.8mm) x 24" (609.6mm) or 32" (812.8mm), 13" (330.2mm) x 30" (762mm), and 13" (330.2mm) x 32" (812.8mm).
- Standard grid sizes are from 5.375" (136.53mm) to 8.25" (209.55mm) wide and from 9.25" (234.95mm) to 25.25" (641.25mm) high not including lugs. Maximum lug to lug dimension 27.25" (692.15mm). Special alterations can be made to increase maximum grid width from 8.25" (209.55mm) to 9.25" (234.95mm).
- All internal piping is complete for gas, air, water and mold coolant.
- Swing out mold corking bracket for easy accessibility to the mold for corking, washing and changing.
- Air filter, regulator and lubricator for air system.
- Heat and ventilation shields and hoods over ladle remove heat and gases for comfort and safety.
- Standard color of machine is Wirtz Blue with safety yellow guards.
- Grid take-off at 32" (812.8mm) for ergonomic handling.
- Motors located under the grid caster to minimize layout profile.
- Separate air regulator and quick connect hose for mold airflow vent bars.

Options

- Special trim die sizes 5.375" (136.53mm) thru 8.25" (209.55mm)
- Ammeters to monitor electric heater circuits (indicate malfunction of heater circuit). Can be supplied for electric ladle, electric mold heaters and electric feedline.
- Mold wash pans and brush for cleaning molds.
- Speed indicator.

- Sight gauges for all mold coolant lines.
- Power mold corking bracket (air operated).
- Modifications to accept up to 9.25" (234.95mm) trimmed grids (gate only).
- Castmaster 2000 automated temperature control and speed control system for optimum quality and quantity production.
- Die lubricating system for Model 332C.
- Manifold piping for ease in machine set-up.
- Second lead delivery system for use with different lead alloy.
- Allen Bradley series SLC-500 PLC controller available.

Utility Requirements

Cooling Water

Supply Temperature:	Max 75 deg F (24 deg C)
Volume:	100 GPH (375 Liters/Hr)
Pressure:	80 PSI (5520 m bar) max 20 PSI (1380 m bar) min

Air

Volume:	Optimum 4 CFM (.1 m Cu/Min)
Pressure:	100 PSI (6900 m bar) max 80 PSI (5520 m bar) min

Fuel

Pressure:	14" WC (350mmWC) max 5" WC (127mmWC) min
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Natural Gas 1000 BTU/CuFt	
Volume:	25 CFH (.7 M Cu/Hr)
Propane 2500 BTU/CuFt	
Volume:	10 CFH (.3 M Cu/Hr)

Ventilation

(Note figure may also be included in the ventilation requirements for the furnace)

Volume:	1000 CFM (28.2 M Cu/Hr)
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Electrical

460v, 60hz, 3-phase standard
200v to 575v, 50hz or 60hz, 3-phase
available upon request

