

# REBUILT AND UPDATED 2009 100 Ton HPM COLD CHAMBER DIE CAST MACHINE

**Ready to hook up for production in your plant**

## FEATURES:

- Crosshead and guide bars have been rebuilt
- Links rebuilt with new bushings and pins
- New tie bars and new tie bar bushings machined and installed.
- New electrics with Allen Bradley slick 500 PLC and panel view 500 installed.
- Shot end rebuilt with new seals, piston and packings installed.
- Die close cylinder rebuilt with new seal piston rings and packings
- Platen carrier rails re-machined and new Platen carrier shoes installed.
- New hydraulic pump installed
- Rebuilt pump motor
- Valves have been rebuilt. New pilot valves installed.
- New safety doors installed and New die area roll back hood
- One new core station
- New linkage screens installed.
- Safety bar assembly remanufactured
- Platens re-machined
- Hydraulic reservoirs cleaned with new gaskets installed.
- New pump suction screen installed
- Shot piston accumulator rebuilt with new seal package instated
- Machine completely painted with new safety decals installed.
- New hydraulic die height drive installed
- Die height nuts and sprockets remanufactured
- New die height guards installed.
- Electric and hydraulic drawings provided
- Hydraulic manifold valve mounting surfaces re-machined
- New hydraulic hoses installed
- Heat exchanger hot tanked cleaned and pressure tested with new gaskets installed.

## SPECIFICATIONS:

### Rebuilt and updated 2009

Tonnage	100
Make	HPM cold chamber
Tie Bar dia.	2 1/2"
Space between tie bars	13.5" x 13.5"
Platen sizes	13 1/2" x 13 1/2"
	3 3/4" x 21 7/8" x 21 1/2"
	4 1/2" x 24 7/8" x 21 1/2"
Die thickness	4" Min
Die thickness	16" Max
Die stroke	8"
Plunger tip dia.	1 3/4" x 2 1/4" Max
Shot weight	1.9—3.1 Lbs
Shot cylinder force	12,437 lbs
Max projected casting area	39-64 square inches
Cycles per hour	650
Shot cylinder dia.	3 1/4"
Shot cylinder stroke	11"
Shot position	3 1/2" below center
Machine size	11' x 4' x 5'
Machine weight	7000 lbs
Horsepower	15 HP
Motor voltage 3 phase	480 volt 60 cycle
Operating fluid capacity	50 gallon
Die height adjustment	yes automatic hydraulic
	Driven
Core Valve	One station



See more pictures on page 2

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