

Data Bulletin #301:

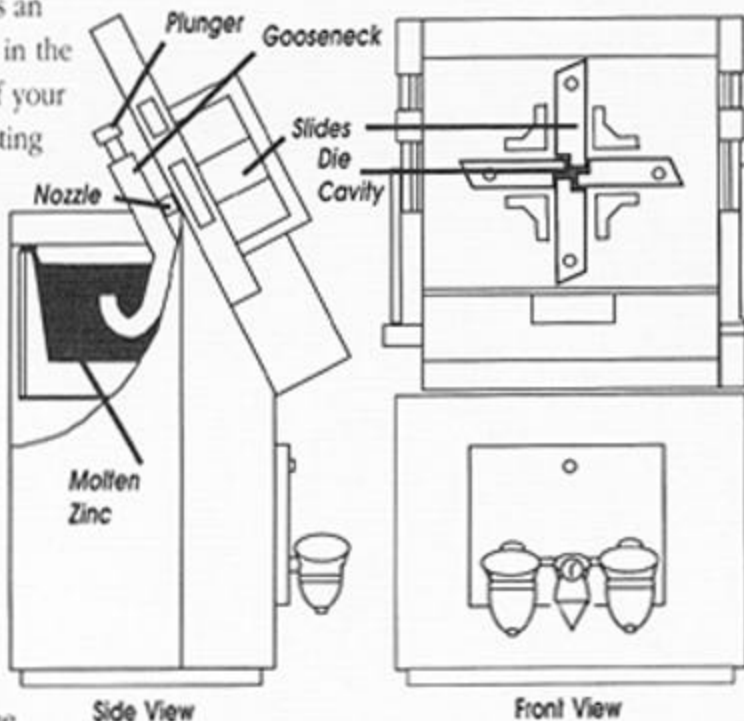
"4-Slide Casting Machine/ Hot Chamber"

Part One of the
Machine Selection Series for Zinc Die Castings

The machine you choose to manufacture your zinc die cast part is an important consideration in the successful production of your product. The 4-slide casting machine/hot chamber is among the machines you may select.

How It Works

4-slide casting machines form the part cavity by slides that approach the shot nozzle from the cardinal points of the compass. Zinc is shot into the cavity at the parting line. The shot is made perpendicular to the direction of slide travel. Ejection of the part is by mechanical pins and air pressure.



4-Slide Casting Machine Advantages

- Lower Tooling Costs (\$5,000 - \$10,000)
- Fast Cycle Time (1000 SPH)
- Lower Degating Costs (Tumbling vs. Trimming)

Questions and Answers

- Q:** Are the finish requirements adequate for all plating?
- A:** No, they may not be adequate for some requirements.
- Q:** What is the die surface area?
- A:** Maximum area is 2" x 2".
- Q:** Is the shot weight limited?
- A:** Yes, to one ounce.

The enclosed part was produced by DeCardy Brothers utilizing a 4-slide casting machine/hot chamber. Please examine it carefully.

Let DeCardy Brothers recommend the best machine to produce your product.
Call or fax Will Vogel today.