



ALLOY DIE CASTING



MANUFACTURING SOLUTIONS FROM THE INDUSTRY LEADER

At Alloy Die Casting, our state of the art die casting facility and machine shop provides aluminum and zinc castings as “finished” or “cast and clean” parts for a variety of industries. We support the success of leading Aerospace, Medical and Engineered Products manufacturers.

Our quality control system is registered under ISO-9001:2000 and AS-9100B, meeting stringent industrial and military specifications, including MIL-I-45208. We can furnish castings from miniature zinc up to 600 square inches in size, providing our customers with complete production solutions – including engineering, tool design, fabrication, machining and turnkey finishing.

Some examples of our capabilities are listed on the back.



For more information, call (714) 521-9800 or email sales@alloydie.com

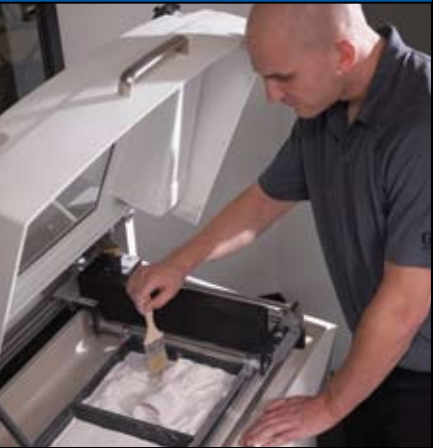
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A Division of Sanders Industries



ENGINEERING



PROTOTYPING



TOOLING



CASTING

Alloy Die Casting Capabilities

FACILITY

- 105,000 sq ft
- Foundry space, machine shop and warehouse

CASTING – *Aluminum and Zinc Alloys*

- Die Cast Machinery – Cold Chamber Aluminum
20 machines from 135 ton to 1300 ton
- Die Cast Machinery – Hot Chamber Zinc
5 machines from 4-slide to 250 ton
- Remelt furnaces, transfer ladles, 3 shot scopes

MACHINING

- 22 CNC vertical machining centers
4th axis, pallet changers, high speed spindles
- 7 CNC turning centers

CLEANING

- Vibratory tumblers – linear feed, bowl and barrel
- Belt sanders, bench and hand grinders
- Air powered polishing and grinding tools

QUALITY

- ISO 9001:2000 and AS 9100B certified
- 4 automated CMM machines
PC DMAS software package
- 2 in-house X-ray systems
- Immersion and pressure testing
- Climate controlled inspection area with
extensive surface plates, height gages, pin
gages, bench micrometers and SPC software
package

TOOLING

- Tool shop with full tool build and repair
capabilities
- 8 milling machines – CNC and manual
- 4 lathes – CNC and manual
- 2 sinker EDM machines
- Full tooling, gauging and process control
equipment

ENGINEERING

- Project management
- Tool design and build
- Manufacturing process development

ASSEMBLY

- Insert / helicoil bushings & sub assembly work
- Air powered assembly tools

OUTSIDE PROCESSING

- Chemfilm • Anodize • Paint • Plating
- Powdercoat • Certified X-ray • Impregnation

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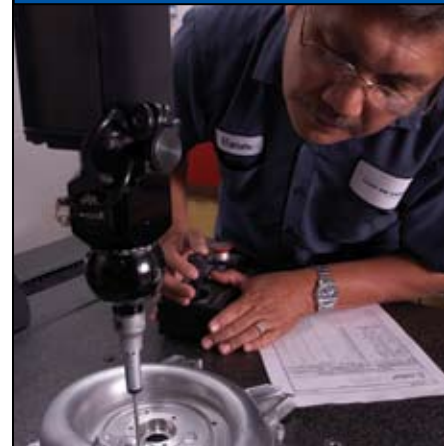
AUTOMATION



FINISHING



ASSEMBLY



MEASURING