



SINCE 1945

EXPERT DIE CASTING AND FULL-SERVICE MANUFACTURING PARTNER

PEOPLE | CAPABILITY | SOLUTIONS | RESULTS

ABOUT US

Founded in 1945, Serv-All is a full-service aluminum and zinc die casting manufacturer supporting customers from engineering through finished, assembled components. Our integrated approach helps reduce risk, improve quality, and streamline supply chains.

CORE CAPABILITIES

- ✓ Automated Aluminum High Pressure Die Casting
- ✓ Hot Chamber Zinc Die Casting
- ✓ Tool Transfers & In-House Adaptation
- ✓ CNC Machining & Secondary Operations
- ✓ Surface Finishing, Assembly & Packaging
- ✓ Aluminum Alloys: 360, 380, 383, 413
- ✓ Zinc/Zamak Alloys: 3, 5, 7

QUALITY.
PARTS.
RELIABLE
SUPPLY.

INDUSTRIES SERVED



Automotive



Transportation



Industrial



Lawn &
Garden



Recreational



Construction
& Agriculture



Consumer
Products



Electrical
Components

DIE CASTING CAPABILITIES

HIGH PERFORMANCE.
CONSISTENT QUALITY.

- Meet and exceed NADCA precision tolerances
- Process Monitoring
- Flow Simulation
- Die Temperature Control
- Infrared Imaging

HOT CHAMBER

- 1 - 20 Ton
- 1 - 70 Ton
- 2 - 100 Ton
- 1 - 450 Ton
- 2 - 600 Ton

COLD CHAMBER

- 2 - 400 Ton
- 2 - 650 Ton



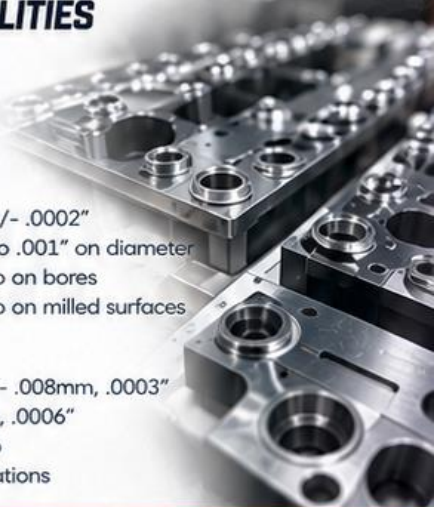
MACHINING CAPABILITIES

PRECISION MACHINING.
BUILT FOR PERFORMANCE.

- 4 and 5 axis milling
- High Speed Machining
- Large Machine envelopes
- Hold diameter tolerance to +/- .0002"
- Hold true position tolerance to .001" on diameter
- Hold surface finish to 16 micro on bores
- Hold surface finish to 32 micro on milled surfaces

TURNING

- Hold diameter tolerance to +/- .008mm, .0003"
- Hold thickness to +/- .016mm, .0006"
- Hold surface finish to 16 micro
- Fully automated turning operations



FINISHING CAPABILITIES

- Vibratory Deburring
- Shot Blasting
- Sanding/Polishing
- Powder Coating
- Wet Paint
- E-Coat
- Anodizing
- Chromating
- Electroless Nickel
- Sealant Impregnation
- Chrome
- Vacuum Metalizing



ENGINEERING & QUALITY

- Design for Manufacturability (DFM) support
- APQP, PPAP, FMEA, SPC & CMM Inspection
- Mold flow & process optimization
- Full complement of equipment to repair and modify production tooling.



QUALITY
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LASTING
PARTNERSHIPS.



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www.serv-all.com

sales@serv-all.com

(815) 459-2900

