

## TVT Die Casting & Manufacturing

### Main Headquarters

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- Contact

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### Website

[www.tvtdiecast.com](http://www.tvtdiecast.com)

- DUNS Number

01-074-7343

- CAGE Number 0J4C1

- NAICS Codes

331523 - Nonferrous Metal

### Die-Casting Foundries

- Member - North American Die Casting Association - NADCA

- AS9100D Certified

- ITAR Registered

- JOSCAR Registered

- Cyber Security -  
Compliant with  
DFARS 252-204-7012



*Precision aluminum and zinc die casting, machining and finishing*



## Capabilities Statement

### Summary of Services

We are a manufacturer of extremely high-quality aluminum, zinc die castings and CNC machined parts serving industry leaders in the hi-tech electronics, industrial transportation, aerospace, optical equipment, military and medical markets.

### Capabilities and Core Competencies

- We utilize Six Cold Chamber presses, 400 to 800 ton, and two Hot Chamber presses at 125 and 250 ton.
- We pour six different aluminum alloys including A304.1, A360.1, A369.1, A380.1, A384 and A518.1 We also pour 4 zinc alloys including #3 zinc (Zamak 3), ZA-8, ZA-12 and ZA-27.
- We provide precision machining with 6 Vertical CNC, 1 Horizontal CNC, and 2 CNC lathe centers.
- We can prototype your design and work with you on die cast tooling to bring your concept to full production.
- We provide custom finishing, including powder coat, anodizing, wet paint, chromate plating, CARC and Cerakote.
- We have several vibratory machines to provide a surface finish to meet high cosmetic requirements.

### Areas of Expertise

#### **Making castings for a variety of industries sets us apart**

- High-tech - cosmetic requirements are met as a normal part of our business.
- Military and Aerospace - tight tolerances are not a problem for us. We are dialed in.
- Medical and Dental - we understand and meet the extremely high cosmetics required
- Hunting - the various alloys we pour provide strength and elongation properties
- Transportation - Light-weight aluminum and zinc castings with excellent thermal properties and strength.

### Customer list includes

General Dynamics, Raytheon, A-dec, Bowtech Archery, Nelson Irrigation and Leviton - Network Solutions

### 2020 Key Performance Indicators

**Quality 99% On-time Delivery 98% Customer Service: "Outstanding"**

**We would appreciate the opportunity to quote any new die casting projects you have coming up - TVT Die Casting & Manufacturing**

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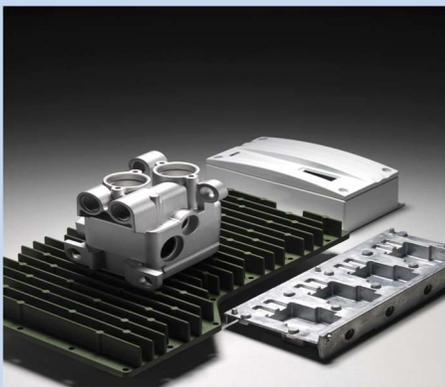
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## Past Performances

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### Department of Defense Prime Contractors

#### General Dynamics

We have been producing the MRAP (Mine-Resistant Ambush Protection) cover and enclosure castings, installed on the Bradley fighting vehicles for over 15 years. These castings have extremely tight tolerances, require vacuum impregnation and applied CARC paint. We have had this business for 15+ years because of our quality and reliability in delivering products on-time. P.O.C. upon request.

#### Raytheon - Elcan

We have been producing a set of castings that go into Elcan's rifle scope's for over 15 years. These are precision made from A518 aluminum, which provides superior tensile and yield strength and elongation of 5%. The scope casting requires serialization, which part of what we do. Our relationship with Raytheon - Elcan is rock solid because of our commitment to the extremely high-quality standards we have in place and a desire to be Raytheon's top supplier. P.O.C. upon request.

#### Commercial

##### A-dec, Inc.

TVT was part of a new product launch for A-dec, and was awarded 5 new die castings. There were deadlines for pilot, pre-production and production builds. Five new die cast tools had to be made, and new casting produced to meet very strict dates. We were successful in providing castings that passed first article inspections and met the various timelines. Their product launched on-time due to our persistent dedication to fulfilling this customer's requirements.

##### Bowtech Archery

Bowtech Archery's over-sea supplier failed to meet their product launch deadlines so they asked us make it happen. We inherited a die and trim fixture and both had issues when they arrived. We worked with our tool maker to correct each problem and produced castings just in time for their product launch.

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### Customer Feedback

"TVT helped us from conception of the idea all the way through final production. It was a very positive process and we would not have been able to do it if it wasn't for TVT. I would recommend TVT to anyone needing direction and assistance with the development of their product."  
- Dave Cutz Paragon Tile and Stone