

Capabilities Statement



Plastic Injection Molding

B&B Molders is a one-stop shop for injection molded products. Our state-of-the-art material handling system and year-round climate controlled manufacturing environment ensures resin and molding conditions are optimized for consistent results. From product design and tool build, to manufacturing and assembly, we produce innovative products that meet the demanding requirements of a wide range of industries including military, medical, and automotive. We are focused, experienced, and innovative.

Registered Small Business ● DUNS: 965777006 ● CAGE Code: 4MWW8
ISO 9001: Certification 2015 ● ITAR Certified (#M20519)
JCP Certified (#0062531)



Core Competencies

ENGINEERING SERVICES:

Part Design and Product Development

- AutoDesk Inventor Professional
- Part Drawings, Tool Design, Modeling (2D and 3D)
- Moldflow Simulation Analysis
- 3D Printing and Rapid Prototyping
- On-Site Testing Lab



TOOLING SERVICES:

Prototype Tool Building Production Tool Building and Repair

- Mastercam X2 CAM Software
- 4 Axis CNC Milling Centers
- 4 Axis Wire EDM
- 4 Axis EDM Sinters
- Bridgeport Vertical Milling Machines
- Wet and Dry Surface Grinders

Formal Mold Maintenance Program

QUALITY SERVICES:

- PPAP Submissions
- Micro-Vu Measuring Systems
- X-Rite (SD60) Spectrophotometer
- Programmable CMM with Global Advantage (PC-DMIS CAD++ Software)



PRODUCTION SERVICES:

- Scientific Process Development
- (15) Injection Molding Machines (60 - 500 Ton)
- State-of-the-Art Material Drying and Handling System
- Computerized Material Mixing
- Barcoded Inventory and Lot Control

Past Performance

ARMY CONTRACTING COMMAND ROCK ISLAND (ACC-RI)

- Injection Molded Plastic Parts, Crane Army Ammunition Activity (CAAA)
Contract: W52P1J15P3083

DEPARTMENT OF THE NAVY

- NAVAL AIR WARFARE CENTER WEAPONS DIVISION (NAWCWD) China Lake, CA
- BSU-111 Shipping Plates
- Injection Molded Plastic and Assembly
Contract: N6893615P0019

GENERAL DYNAMICS - OTS

- General Dynamics Ordnance and Tactical, Garland, TX
- MK-80 and MK-82 Series Bomb Hardware
- Assembly and Injection Molded Plastic
- Partner with GD-OTS and Raytheon to Develop Insensitive Munition Components
Contract: D02 - W52P1J12R01682

Differentiators

- Established in 1963, Over 5 Decades Leading the Industry
- Scientific Molding Using Decoupled II Molding Process
- Insensitive Munitions Specialist

Primary NAICS Codes

- 325211:** Plastic Material and Resin Manufacturing
- 326199:** All Other Plastics Product Manufacturing
- 326299:** All Other Rubber Product Manufacturing
- 333511:** Industrial Mold Manufacturing
- 333514:** Special Die and Tool, Die Set, Jig and Fixture Manufacturing
- 541420:** Industrial Design Services