

# Capabilities Statement



## Core Capabilities

- Engineering
- Tool Manufacture
- 5 Axis Machining
- Detail Machining
- Injection Molding
- Assembly
- Reverse Engineering
- Vibration Welding
- Hot Plate Welding

## Company Data

Duns: 608461612

Small Business

Established 1991

Cage Code 8CS73

**Certifications:** ISO 9001:2015, CQI-23, CMMC Compliant, JCP Certified.

## NAICS

**333511: Industrial Mold Mfg.**

**333514: Special Die and Tool Mfg.**

**326199: All Other Plastics Mfg.**

**332710: Machine Shops**

**332721: Precision Turned Product Mfg.**

**332510: Hardware Mfg.**

**336991: Motorcycle, Bicycle, and Parts Mfg.**

**336992: Military Armored Vehicle, Tank, and Tank Component Mfg.**

## Past Performance

### Commercial Work

- Ventra-Evhart-P375 Ford Ranger Tail lamp Vibration weld Tooling. 11/2018
- Enovate Medical-Encore medical IT cart. Plastic components. 9/2018
- Bielomatik-Honda TLX and MDX IP-PAB Chute vibration weld tooling. 3/2019.
- Diamond Electric-VW induction coil plastic components. In process.
- Mahindra-Door Close hardware for USPS truck. 1/2018

## Contact Information

### Main Office and Injection Molding

34730 Nova Clinton Township, MI 48035

### Engineering and Tool Build

34692 Nova Clinton Township, MI 48035

Office(586)792-4119ext 1#

Cell (810)580-1037

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

[joe.cherluck@bteplastics.com](mailto:joe.cherluck@bteplastics.com)

<https://www.linkedin.com/in/joe-cherluck-03a50230/>

### Engineering:

2 – Stations Solidworks 2019

### Tooling:

1 – Haas VF-7 32 X 32 X 84

1 – Haas VF-5 5 axis 12h X 24w X 32d

1 – Haas VF-3 26 X 26 X 40

1 – Haas VF-2 5 axis 6h x 12w x 12d

1 – Fadal 4020 20 X 20 X 40

1 – Haas TM-2 16 X 16 X 40

2 – Haas TM-1 12 X 12 X 30

1 – Haas TL-1 Lathe 10" diameter cap.

1 – Agie-Charmilles Cut 200ms 5 axis Wire EDM

Balance of tool-room support equipment including, milling machines, engine lathe, surface grinding, i.d grinding.

Planned addition of Haas EC1600 Horizontal CNC boring Mill Summer 2021.

### Injection Molding:

1 – 75T x 4oz Vandorn

1 – 75T X 5oz Vandorn

1 – 88T X 3oz Cincinnati

1 – 150T X 8oz Vandorn

1 – 250T X 20oz Vandorn

1 – 300T X 40oz Vandorn

1 -- 500T X 60oz Vandorn

Planned addition of 750T X 120 oz press Summer 2021.

## Differentiators

- ISO9001:2015; CQI-23
- Turn Key Operation. Product Development through large and small lot production runs. (Plastic parts)
- Full Service in house Machine Shop.
- Small lot to production runs ferrous and non ferrous machined parts.
- Reverse Engineering
- 5 axis machining