



810 Progressive Lane
South Beloit, IL 61080
U.S.A.

815.226.0291
clinkenbeard.com
reg@clinkenbeard.com

Equipment List

Machining

- Vertical Milling Centers
 - (2) 24"x24"x24" 5-axis milling center DMU70
 - (1) 28"x25"x22" 5-axis milling center DMU65
 - (1) 23"x20"x20" 5-axis milling center DMU EVO 60
 - (3) 40"x20"x20" 5-axis milling center
 - (4) 40"x20"x20" 3-axis milling center
 - (1) 45"x25"x25" 5-axis milling center
 - (1) 60"x30"x30" 5-axis milling center
 - (1) 60"x30"x30" 4-axis milling center
 - (2) 60"x30"x30" 3-axis milling center
 - (1) 33.5" dia table"x25.6" 5-axis milling center DMU85
 - (1) 63.2"x49"x39" 5-axis milling center DMC160
 - Knee mill with programmable control
 - Erowa pallet loading system
- Horizontal Milling Centers
 - (1) 31"x25"x25", 500mm pallet 4-axis milling center
- Turning Centers
 - (1) 16.5" dia x 28" live tool horizontal turning center
 - (1) vertical boring mill (max 46" swing & 48" under rail)
 - (1) vertical turning center (max 60" swing & 48" under rail)
 - Engine / tool room lathe

3D Printing

- 70.8"x23.6"x23.6" FDM
- 12.9"x9.4"x11.8" FDM
- 11.5"x6.5"x15.7" high speed resin printer
- BigRep One 39"x39"x39"

Quality Assurance AS9100

- CMM's
 - 6-axis portable metrology arm with scanning head and touch probe
 - Mitutoyo Crysta – Apex S Series 191 CNC CMM
 - Hexagon (B&S) – gantry CNC CMM 47.2"x59.1"x39.4"
 - Mitutoyo CMM non-CNC
- Optical Comparator

Mockup Build Shop

- Multiple bays with 10-ton crane overhead bridge crane

Pattern & Model Shop

- Dedicated machining centers
- Carbon Fiber and Fiberglass in-house

Various

- CAD CAM
 - Solidworks and Various CAM products
- ERP System
- Forced convection oven (shrink fit assemblies)
- Aqueous parts washer 600psi
- Down draft assembly work stations
- Heat Treat Furnace (capable of annealing temp)