

# STARLITE

Diversified, Inc.



For over 40 years, Starlite Diversified Incorporated has been providing precision machining services and high quality products. Starlite's machine shop offers Precision Machining, Grinding Services, Metal Fabrication, CNC Machining, Dies, Jigs, Fixtures, Tooling, Gun Drilling, and other precision machining related services.

Starlite Diversified utilizes the most current manufacturing methodologies and technologies with machine capabilities geared to handle your most demanding project, be it a prototype or an extended volume production machining run.

The vast array of machining equipment includes CNC Lathes, CNC Horizontal Mills, CNC Vertical Mills, Jig Boring, Surface Grinders, Blanchard Grinders, Jig Grinders, Vertical Turning Lathes, and a top notch Quality Control Department.

Dedicated personnel, quality workmanship and a great deal of pride have established Starlite as a premier source for precision machining services and products.

Your inquiries are always welcome, and you are cordially invited to visit and see what Starlite can do for you.

16465 McMATH AVENUE • MEADVILLE, PA 16335  
PHONE (814) 724-8637 • FAX (814) 724-8651 • [WWW.STARLITEDIV.COM](http://WWW.STARLITEDIV.COM)





## FACILITIES LIST

### INSPECTION:

- (1) Mitutoyo B 251 Coordinate Measurement Machine – Capacity 28" x 32"  
Certified Accuracy  $\pm .0001$
- (1) Mitutoyo B 710 Coordinate Measurement Machine – Capacity 34" x 60"  
Certified Accuracy  $\pm .0001$
- (1) Brown & Sharpe Hite-tronic 32" Electric Height Gage
- (1) Sheffield Profilometer
- (1) Jones & Lamson Epic 130 30" Optical Comparator

All necessary Support Equipment and Systems to meet MIL-1-45208A,  
MIL STD 45662, and Sound Commercial Practices  
\*Our Quality Control Manual is available upon request.

### MACHINING CENTERS:

All CNC Machining & Turning Centers are linked to Microsoft Windows compatible computers.

Part programs are generated through SURFCAM software on the PCs and loaded into the machines, thereby increasing productivity & reducing errors.

- (1) MV-55/50 Mori Seiki Vertical Machining Center- 30 Tool Capacity 41" x 21" x 22"
- (2) MV-65/50 Mori Seiki Vertical Machining Center- 30 Tool Capacity 50" x 25" x 25"
- (1) MV-80 Mori Seiki Vertical Machining Center- Capacity 60" x 31" x 28"
- (1) Johnford, Vertical, VMC 550 - Capacity 19.7" x 19.7" x 26"
- (1) Johnford, Vertical, SV45H w/ 4th axis - Capacity 43" x 21" x 25"
- (1) Johnford, Vertical, VMC 1330 w/ 4th axis - Capacity 51" x 29.9" x 27"
- (1) Daewoo, Horizontal, w/ fully Programmable Rotary Table  
Capacity x=118" y=78" z=72" w/ weight capacity of 33,000 lbs
- (1) 6" G&L CNC Horizontal Boring Mill- x=96" y=96" z=50" w/ 60" 70" 4th axis
- (1) Kitamura HX630i, Horizontal Machining Center Capacity 39" x 27" x 12"
- (2) Trak DPM Mills 3 axis CNC Controls
- (1) QCM Quick Cell Mill- Portable mill w/ CNC Control
- (1) NIIGATA Horizontal Mach. Center, 6 Pallet Shuffle, Capacity 60" x 48" x 36"
- (1) 2008 VANGARD Horizontal Boring Mill, 63" x 72" Table, X axis 115", y axis 88"  
z axis 78", 5.1 Dia. Spindle W axis 31.5", 360°-B 4th axis,  
Fanuc 181MB Control
- (1) Kitamura HX800 Horizontal Machining Center Capacity 39" x 33" x 30"
- (1) FRYER CNC Vertical Mill x=30", y=18" 8,000RPM spindle,  
Anilam 6000 control
- (1) 2015 TAKANG BORING MILL, 55.1" x 62.9" Table, X axis 78.7",  
Y axis 70.86", Z axis 51.1", 5.3" Spindle W axis 27.5", Weight Capacity 18,700lbs

### MANUALS:

- (5) Sharp Mills w/ Digital Readouts – 4 w/ 2 Axis Conversational CNC Controls

### DEEP HOLE DRILLING:

- (1) Ward Riddle Gun Drill – Capacity 1/4"-2" x 72" Long
- (1) Speed Bit Deep Hole Drilling System

### JIG BORE:

- (1) Moore #3 Jig Bore
- (2) Moore #3 Jig Grinders

### EDM:

- (1) Sharp CNC 50 AMP w/ 3R Tooling
- (1) Sharp CNC 30 AMP w/ 3R Tooling

### TURNING CENTERS:

- (1) LEADWELL 35DL 21" chuck, 6-3/8" thru the spindle, 60" btwn Centers, 23.6" swing
- (1) Mori Seiki SL 4C Lathe – Capacity 22"
- (1) Summit 5VC 48 VBM – Capacity 51"
- (1) SL-20 Lathe- 8" Capacity w/16" swing
- (2) TC-35 Lathe-15" Capacity w/ 18 1/2" swing
- (1) Topper CNC Lathe- 8" Capacity w/ 12" swing & Bar Feeder
- (1) Takang VTL- 62.9" chuck, 78.7" swing, 49.2" turning height,  
max weight 17k lbs.

### MANUALS:

- (3) Engine Lathes -17" - 17" - 26" - 8" Capacity -2 Trak DPM w/ 2 Axis  
Conversational CNC Control

### GRINDING:

- (1) 96" Mattison Grinder – Capacity 120"
- (1) Thompson Surface Grinder w/ Way Grinder Attachment – Capacity 40" x 120"
- (1) Blohm Surface Grinder HFS 512 – Capacity 24" x 48"
- (7) Manual Surface Grinders
- (1) Dedtru Centerless Grinder
- (1) Jackmill JMC - 600AGC OD Grinder 8" x 25" swing between centers
- (1) Automatic Sharp Surface Grinder - 11" x 24"
- (1) 42" Blanchard Grinder – Capacity 42"
- (1) Sharp OD Grinder 8" dia. X 18" long capacity

### MISC. EQUIPMENT:

- (1) Portable Speed Lathes for polishing & champhering
- (1) Sunnen Hone – Capacity 3"
- (1) Rampe Automatic Deburring Machine
- (1) Cosen sh5542 Automatic Saw – Capacity 17" x 22" square (17" round)
- (3) Roll-In Band Saws
- (1) Wells Vertical Saw – Capacity 24"
- (1) Chemtron Tig Welder
- (1) 400 AMP Lincoln Mig Welder
- (1) Linclon SP-130T Portable Welder
- (1) Parlec Tool Presetter
- (3) Haas 4th Axis Indexing Tables
- Certified Mig, Tig, & Stick Welding on 60" x 60" table
- CADKEY & SURFCAM Systems. Autoview-Pro for viewing drawings.
- Direct Modem: IGES, DXF, DWG Translators
- Fully Integrated ERP System
- Our own Trucks are available for pickup and delivery

### MATERIALS:

We work with a wide variety of materials including, but not limited to:  
Stainless Steels, Tool Steels, Alloy Steels, Carbon Steels, Cast Iron, Titanium, Aluminum,  
Inconel, Monel, Haynes, Hastelloy, Magnesium, Brass, Bronze, Plastics, Composites,  
Weldments, Fabrications

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