

# CAPABILITIES STATEMENT

# Guill

since 1962

## COMPANY OVERVIEW

Guill Tool & Engineering has manufactured high-quality, precision machined components for the Defense and Commercial Industries since 1962. We consistently supply Level One/ Sub-Safe and non-level parts for General Dynamics (Electric Boat Division), Huntington Ingalls (Newport News Division), NAVSUP and DLA (Defense Logistics Agency). Guill Tool is ISO 9001 registered.

Located at 10 Pike Street in West Warwick, RI, it's 35,000 sq. ft. facility, runs multiple shifts and is classified as a Small Business.



## CORE SERVICES

- High Precision Machining
- Machine Super Alloys/Exotic Metals to Close Tolerances
- Short to Medium Run Lengths
- Full Wire EDM Capabilities with a .008" Hole Popper
- 5-Axis Machining Centers

## OTHER SERVICES PROVIDED

- Level 1 / SUBSAFE Processes in Place for Years
- Full Traceability Procedures
- Multiple 4-Axis Machining Centers up to 36"
- Multiple CNC Lathes up to 26" dia.
- Turnkey Manufacturing Projects Using Qualified Vendors for Outside Services When Needed.

## DIFFERENTIATORS

- AS9100:2016 & ISO 9001:2015 Registered
- Over 55 Years of Experience in the Defense Industry
- Short Run and Single Piece Quantities
- Multiple Shift Operation for Additional Capacity
- Mature, Skilled, Stable Workforce with Long Retention

## PAST PERFORMANCE

- **General Dynamics (Electric Boat Division):**  
Guill Tool has been an Electric Boat supplier for over 50 years, machining non-level and Level One/SubSafe components for the U.S. Submarine Fleet. Guill Tool is also a SDI (Supplier Delegated Inspector) for Electric Boat.
- **Huntington-Ingalls (Newport News Division):**  
Another long time Defense customer. We've been supplying parts to them for approximately 40 years Guill Tool is a SDI (Supplier Delegated Inspector) for Newport News as well. We provide similar high quality parts often times requiring full traceability and made from super alloys/exotic metals that we supply to Electric Boat. They're both submarine manufacturers.
- **NAVSUP Weapons Systems Support (Mechanicsburg, PA):**  
As a direct Prime Contractor for the Navy we machine a wide range of Level 1 and non-level parts that become spare parts for the existing Submarine fleet.

## Company Data

**DUNS Number:** 00-119-8233  
**CAGE Code:** 29030  
**EIN:** 05-0303860

### NAICS Codes:

- **332710** – Machine Shops
- **332721** – Precision Turned Products
- **332911** – Industrial Valves
- **333514** – Special Die & Tool Sets

**SAM Registration:** Active  
**Accepts Credit Cards:** Yes  
**Business Size:** Small Business  
75 Employees  
**Total Annual Sales:** \$12M

### Certifications:

- AS9100:2016 Registered
- ISO 9001:2015 Registered
- MIL-I-45208A
- MIL-STD-45662A
- JCP Certified
- EB-2678
- MIL-I-452028A
- MIL-STD-45662A
- ITAR Registered
- NIST SP800-171 Compliant

### Contact Person:

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**Guill Tool & Engineering Co., Inc.**  
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[www.guilldefense.com](http://www.guilldefense.com)

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## MACHINING CENTERS

**Mori Seiki NMV5000DCG  
5 Axis Machining Center**  
x Travel 28.7"  
y Travel 20.1"  
z Travel 25.1"  
b Travel +160° to -180°  
c Travel +/-360°  
20.0" Dia. Table  
Max. Dia. Capacity 27.6"  
60 Tool Changer

**DMG Mori DMU 50  
5 Axis Machining Center**  
x Travel 19.7"  
y Travel 17.7"  
z Travel 15.7"  
b Travel -5° to +110°  
c Travel +/-360°  
Max. Dia. Capacity 21.3"  
30 Tool Changer

**Matsuura 560V  
Machining Center**  
20" x 40" x 22" with 4<sup>th</sup> axis  
30 Tool Changer

**Mori Seiki NV5000 A1  
Machining Center**  
40" x 20" x 20" with 4<sup>th</sup> axis  
30 Tool Changer

**Matsuura V1000  
Machining Center**  
20" x 20" x 40" with 4<sup>th</sup> axis  
30 Tool Changer

**Matsuura MC760 V  
Machining Center**  
20" x 20" x 40" with 4<sup>th</sup> axis  
30 Tool Changer

## PRECISION GRINDING MACHINES

**JMC 1000H ID – OD Grinder**  
20" D x 40" L

**Chevalier ID - OD Grinders**  
14" D x 40" L

**Okamoto Surface Grinder**  
12" x 24" with 8" Rotary Attachment

**Surface Grinders**  
up to 8" x 28"

## MANUAL MACHINES

Engine Lathes  
Bridgeport Vertical Mills  
Horizontal Mills

## E.D.M. MACHINES

**Agie-Chamilles Hole Popper**  
As small as .008 Start Hole  
x, y, z 11.8" x 7.8" x 11.8"  
Work Pc. Capacity 19.6" x 15.7" x 9.5"

**Charmilles 440 (Wire Type)  
Robofil 5 axis E.D.M.**  
x travel 21.650"  
y travel 13.770"  
u travel 21.650"  
v travel 13.770"  
z travel 15.750"

**(2) Charmilles 330F (Wire Type)  
Robofil 5 axis E.D.M.**  
x travel 15.750"  
y travel 11.800"  
z travel 15.750"  
u travel 19.680"

**Charmilles 230 (Wire Type)  
Robofil 5 axis E.D.M.**  
x travel 13.770"  
y travel 8.660"  
u travel 13.770"  
v travel 8.660"  
z travel 8.660"

**Agie (Ram Type)  
Mondo 2**  
Die Sink 12" x 14" x 20"  
Elec. z Axis  
14" Color Graphic Control

## INSPECTION EQUIPMENT

**Hexagon One CMM**  
Axis Capacity  
x= 25", y= 36", z=20"

**Nikon MM-40  
Measuring Microscope**

**Brown & Sharp  
Tessa Microhite 600**  
Height Gauge - 24" Height Capacity

**Brown & Sharp Hite-Tronic**  
Height Gauge - 36" Height Capacity

**Taylor Hobson  
Profilometer Surtronic 3**  
Surface Finish Gauge

**Rockwell Hardness Tester**  
Granite Surface Plates  
Optical Comparators  
Electronic Height Gages

## CNC TURNING CENTERS

**Daewoo Puma 350L**  
35 HP / 26" Swing x 82"  
Fanuc Series 18-T  
Conversational Control

**Doosan Puma 480  
CNC Lathe**  
60 HP / 25.6" Max Turn Dia.  
Fanuc Series 211-TB Control

**DMG Mori NLX2500SY/700  
Twin Spindle Mill/Turn CNC Lathe**  
Chuck Sizes:  
Primary-10.0", Secondary-8.0"  
24.7 HP / 10.0" Max. Turn Dia.  
12 Station Tool Turret for Both Sides  
Celos Conversational Control

**Mori Seiki NL200Y  
Mill/Turn CNC Lathe**  
15 HP Spindle Drive  
5 HP Rotary Tool Drive  
x + y + z Drives  
14" Dia. x 20" Liner Travel  
Mitsubishi MSX-850 Control

**(2) Mazak QTS 200M  
Mill/Turn CNC Lathe**  
25 HP, 8.0" Dia. Chuck  
Max. Turn Dia. = 10.0"  
12 Station Tool Turret  
Mazatrol Smart Control

**Mazak QT 250HP KY  
CNC Lathe**  
25 HP / 10" Chuck  
Mazatrol PC Fusion Control

**Mazak QT 20HP KY  
CNC Lathe**  
20 HP / 10" Chuck  
Mazatrol T. Control

**Yama Seiki GS-3300a  
CNC Lathe**  
25 HP / 12" chuck  
Max. Turn Dia. = 12.0"  
12 Station Tool Turret  
Fanuc Control

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Manufacturing Facility