



Our Machining Capabilities



CNC Lathes

Doosan Machines with Tailstock and Live Tooling Capabilities

→ 2600M

- 10" chucks & collet chucks, 32" bed length

→ 240M

- 10" chucks, 24" bed length

→ 280M

- 2-5/8" collet chucks, 24" bed length

→ 2100M

- 8" chuck, 24" bed length

→ LYNX 220 LM

- Collet chucks, up to 1-1/4" & 22" bed length
- 1 Lynx is fitted with and LNS short bar feeder for unmanned production

CNC Mill-Turn Lathes

DMG-Mori Twin Spindle Machines with "Y" Functionality and Live Tooling Capabilities

→ NLX 2500-700

- 10" chucks & collet chucks with 27" bed length
- 1000 PSI thru tool coolant
- LNS Bar Feeder

→ NLX 2500-1250

- 10" chucks & quick-change collet chucks with 27" bed length
- 1000 PSI thru tool coolant

→ NLX 2500

- 12" quick-change chucks
- 1000 PSI thru tool coolant
- Bottom turret
- Tool changer with over 80 tools



Typical Products

- Running Gear
- MWD Components
- Centralizers
- Build to print components
- WTIR



CNC Machining Centers

All with CNC 4th Axis Fitted

→ DMG/MORI CMX1100

- 36" X 20" table size (has rotary tilt table)
- 1000 PSI HP coolant system

→ DOOSAN 5700

- 48" x 20" table size
- 1000 PSI HP coolant system

→ DOOSAN DNM 400

- 36" x 18" table size

Manual Machines

Equipped with Collet Chucks, 3 & 4 Jaw Manual Chucks and Digital Readouts

Manual Mills

Kent Knee Mills with Digital Readouts

Coosan CNC Saw

Cut various sizes of material, including bundles up to 12" diameter

Common Materials

- 17-4
- Beryllium Copper (AT & HT)
- Aluminum 6061 & 7075
- 718 Inconel
- Titanium 6-4
- Monel Alloy K500
- 316/303/304 Stainless Steel
- Nitronic 50 & 60
- Toughmet 3
- 4140
- Virgin Peek & Peek with 30% Glass Filled
- Naval Brass

Swiss Machining Capabilities

→ Tsugami SS327-III-5AX

- Capable of high-volume production up to 32 mm Dia

We can machine small diameter parts to very close tolerances in large volumes. They are paired with a 12' Bar feeder for unattended operation along with an HP coolant system.

→ Tsugami s206-II

- Capable of high-volume production up to 20mm Dia

We can machine small diameter parts to very close tolerances in large volumes. They are paired with a 12' Bar feeder for unattended operation along with an HP coolant system.

Software

- Jobpack Scheduling System
- Predator Wireless DNC System
- Predator Wireless MDC (Machine Data Collection)
- CNC Programming Using Edgecam 2024 Software Programmers
- Solid Modeling Using Solidworks 2023
- Costimator for Machine Quoting





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