

Machining Capabilities & Strengths

CNC lathe turning capacity: up to 520 mm × 2,125 mm length

5-axis simultaneous milling capability

Full inspection services, including CNC-controlled CMM

In-house deep hole boring: up to 175 mm ID × 3,000 mm (6.875" ID × 118")

Turning / Milling

Current Available Capacity:

3000 hours pm

TURNING

DN Solutions SMX2600S

Multi-Tasking



- 5 Axis Simultaneous Mill-Turn
- Twin spindle, 10" Chuck, 1540mm (60") max length
- Barfeed up to 80mm ø

DN Solutions DNX 2100SB

Multi-Tasking



- 5 Axis Mill-Turn
- 10" Chuck • Robotic Loading
- 520mm Max. Turning Diameter
- 1100 Max. Turning Length

Doosan Puma 3100 XLY



- 12" Chuck
- Max turning Length 2125mm (83.7")
- 'Y' Axis travel ± 65mm

DN Solutions 2600 /2100

(5 machines)



- 10" Chuck
- Max turning Length 1050mm (41")
- 2 Axis

Doosan GT 3100 LM



- 12" Chuck
- Max turning length 1275mm (50")
- 24 station turret with driven tools

Doosan Puma V400-2SP (Multiple)



- 12" Chuck
- High productivity twin spindle machine
- Max turning Length 461mm (18")

MILLING

DN Solutions DVF 5000

with 12 station AWC



- 5 Axis Simultaneous Milling
- 12 station pallet loader
- 400mm (16") ø × 300mm (12") long envelope

Doosan DNM 5700



- Travels: 1050mm × 570mm × 510mm (41" × 22" × 20")
- 10" Chuck - Rotary 4th Axis

Doosan DNM 4500



- Travels: 800mm × 450mm × 510mm (31" × 18" × 20")
- 10" Chuck - Rotary 4th Axis



Deep Hole Boring - Current Available Capacity: 150 hours per month

- Max Bar Diameter : 12"
- Max Length: 3,000mm / 118"
- Solid Drilling to 135mm / 5.25"
- Counterboring to 175mm / 6.875"

Reduced machining time for finished parts both in-house and end user.

Over 1,000 tonnes of raw material in stock, sourced directly from mills
Bespoke raw material sizes available for repeat parts, reducing metal waste and machining time

EDM Wire Cutting ... Coming Soon!



In-House NDT



CMM Inspection



QCT Quantum 4-6105 x2

Sub-contract Processing

- Premium Threads (API / VAM / Tenaris)
- EDM Drilling / Erosion
- Thread Peening
- Surface treatments
- MPI / Fluorescent Dye Penetrant

Additional in-house processing

- Ultrasonic Testing
- Dye Penetrant Testing
- PMI
- Optical Comparator
- Magnetic Permeability

- ☒ Inner & Outer End Rings
- ☒ Sleeves & Nozzles
- ☒ Housings
- ☒ Pin Connections
- ☒ Spacer Nipples



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