

Nammo Ireland Precision Manufacturing

- Manufacturing Equipment Datasheet



5-Axis Milling

HAAS UMC750SS

X: 762mm/ Y: 508mm/ Z: 508mm/ W: 300kg

HAAS UMC1000

X: 1016mm/ Y: 635mm/ Z: 635mm/ W: 454kg

Powerful and seamlessly linked to our EDGEcam and CAD systems.



Vertical Milling [3 axis]

HAAS VF6/40

X: 1626mm/ Y: 813mm/ Z: 762mm/ W: 1814kg

HAAS VF2

X: 762mm/ Y: 406mm/ Z: 508mm/ W: 1361kg

HAAS VF2SS

X: 762mm/ Y: 406mm/ Z: 508mm/ W: 680kg



Turning Centres

Mori NLX2000Y [C/Y axis]

X: ϕ 366mm/ Z: 510mm/ X/Z-axis/ Live-tooling

HAAS ST20TSS [C axis]

X: ϕ 250mm/ Z: 533mm/ X-Z-axis/ Live-tooling

HAAS ST20TY [C/Y axis]

X: ϕ 298mm/ Z: 572mm/ X/Z-axis/ Live-tooling

Mori Seiki NL2500SY [C/Y axis, 2 spindle]

X: ϕ 250mm/ Z: 700mm/ X/Z-axis/ Live-tooling

Mori Seiki NL1500MC [C axis]

X: ϕ 250mm/ Z: 500mm/ X/Z-axis/ Live-tooling



EDM, Grinding

Sodick VL600Q LN2W

X: 600mm/ Y: 400mm/ Z: 270mm/ W: 700kg

Sodick AQ600L LN2W

X: 600mm/ Y: 400mm/ Z: 300mm/ W: 1000kg

Joemars JM528D

X: 600mm/ Y: 300mm/ Z: 200mm

Okamoto PSG52UDX

X: 500mm / Y: 200mm

Material and Process Experience

Typical tolerances 10 μ m, occasional 5 μ m.

- Inconel 718, 625, 600/Invar/Monel 400
- Niobium
- A286
- Aluminium Alloy 7000 and 6000 series
- Cast Aluminium A357
- Titanium Alloys
- Stainless Steels [300, 400 series, 17-4PH]

- Plastics: PTFE, PEEK
- Non-ferrous metals: Copper, Brass, Bronze
- Radiometal, magnetic quality Stainless Steel
- TZM
- Everlube 811 dry film lubricant application, 5-13 μ m thickness.

Nammo Ireland Precision Manufacturing

- Quality and Inspection Datasheet



Coordinate Measurement

Equipment includes:
Brown and Sharpe CMM
- table capability 900mm x 900mm x 800mm



Visual Inspection

Equipment includes:
Inspex HD and Omni FI Digital Microscopes
- for visual inspection and image capturing
Micro-Vu Vertex Measuring Centre
- capable of 241 x magnification



Close Tolerance Measurement

Equipment includes:
Baty R14 optical comparators
TESA Digital Height Gauges



Surface Finish

Equipment includes:
Mahr Perthometer S2
- Surface roughness tester

Quality Accreditations

Quality department has the following skills:

- AS9100 Rev D -Aerospace Quality Standard
- Lean 6 sigma trained

- Approved Supplier Maintenance
- Supply chain auditing



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