

## DMG Mori Seiki NTX1000 2nd Generation

Maximum Workpiece diameter 16.9"

Maximum workpiece length 31.5"

Maximum bar diameter 2.6"

Maximum X-axis travel 17.9"

Maximum Y-axis travel 8.3"

Maximum Z-axis travel 31.5"

Simultaneous 5-axis machining of complex parts with the direct drive motor

Installed in the B-axis

The B-axis rotation range of 240° and rotation speed of 100 rpm, the X-axis

Travel of 17.9"

Equipped with a Capto C5 tool spindle as standard, max. spindle speed of 12,000 rpm

Thoroughly controlled thermal displacement by cooling oil circulation in the body

High-rigidity bed and linear motion guide achieve high rigidity

Control F31iB5 with CELOS

CELOS – ERGOline Touch

(Spindle 1) through-spindle hole dia. 73 mm, 5,000min<sup>-1</sup> (bar work capacity dia. 65 mm)( for FANUC)

Standard spindle (spindle 2) 11/7.5 kW, 6,000min<sup>-1</sup> (for FANUC)

(Spindle 1) KITAGAWA 8IN. Hollow chuck BB208A621

(Spindle 1) Hollow Cylinder set for KITAGAWA 8in. Chuck BB206A621 (without chuck body)

(Spindle 2) KITAGAWA 6IN. Hollow chuck BB208A621

(Spindle 2) Hollow Cylinder set for KITAGAWA 6in. Chuck BB206A621 (without chuck body)

High-speed tool spindle, 20,000 min<sup>-1</sup>, 9/5.5 kW, 49.4 Nm (15%ED)/21.9 Nm (C5/HSK-A50)

Capto C5

Tool spindle full indexing specifications (STD)

10 Station Bolt-Tightened Turret, milling specifications (10,000 min<sup>-1</sup>, 1.5/1.2 kW, 4.8/2.3 nM)

(Turret 2) (for FANUC)

Drilling with the tailstock (live center specifications)

Tool storage capacity 76 tools (Capto C5)

Usable Coolant Type: Water-Soluble Coolant

Chip Conveyor (Right Discharge, hinge type + drum filter type)

Interface for Super-High-Pressure Coolant System (7MPa, Constant Pressure) (Through-spindle coolant system for tool Spindle)

Through-spindle coolant/ air (switching specifications)

Coolant Chiller

Coolant Gun

Air blow for chuck (Counter Spindle)

Interface for Mist collector (duct only, dia. 200mm)

Manual in-machine tool presetter (removable type) (STD)

In-machine workpiece measuring system radio signal transmission type touch sensor (RENISHAW, RMP600)

Signal lamp 4 colors (Red, yellow, green, blue)

Automatic Door

Interface for Bar Feeder (LNS) (multiple)

Multi dry filter

Voltage of Customer Factory 220 V

Frequency 60Hz

Setting Unit Inch

Alternating speed

3D Quick SET

Addition of optional block skip (soft key type 2-9)

X-axis Direction JIS / ISO standard

Equipped with:

Milling head has Y axis, Turret does not have Y axis

35 Milling tool holders per machine – 8 – 10 tool holders for turret per machine

Tool Holders Only NO cutting tools

Approx Run times between 4500 hrs to 6000 hrs

Overall dimensions approx.. 178.5" x 100.1" x 101.8" High for each machine

Weight for each machine 25,353 lbs approx.