

Machine Name : TURN MILL CENTER

Brand : Mori Seiki

Machine Model : NT42501500SZ

Stock No. : 469204

Ex-factory Date : 2010



Main Technical Parameters:

Operating CNC System MSX-711III

Maximum rotational diameter; 730mm

The maximum rotation diameter on the cross slide Worktable; 730mm

Second turret 400mm

The maximum distance between the large end face of spindle and the tailstock/double spindle large end face; 1862mm

Maximum turning diameter; Tool spindle Capto C6

Second turret Phi 350 mm

Maximum Machining length; 1542mm

machining through hole capacity of bar stock; 80mm

The second spindle; 80mm

travel of X1 axis; 750mm

Y-axis travel; ± 210 mm

travel of the Z1 axis; 1550 + 100mm, including ATC automatic tool change travel

B-axis travel; + 120 °

The travel of the X2 axis; 195mm

travel of Z2 axis; 1525mm

The first and second spindle

Maximum speed of spindle; 4000 r/min

spindle speed change gear; "2 gears (wire-wound rotor structure

spindle nose form; JIS A2-8

Diameter of spindle through hole; 91mm

Minimum indexing Angle of spindle; 0.0001 °

milling spindle

Minimum indexing Angle of the B-axis; 1 °

Tool Spindle speed; 12000min⁻¹

Tool spindle taper; CAPTO C6

magazine capacity; 42.

Maximum diameter of Tool (when there are adjacent cutting tools); 70mm

Maximum diameter of Tool (when adjacent without cutting tools); 140mm

Maximum length of Tool; 400mm

Maximum weight of the Tool; 8kg

The second turret

The number of tools installed in the tool turret; Twelve.

The cross-sectional height of the lathe tool Tool holder (square Tool holder); 25mm

The maximum diameter of the boring tool holder; 50mm

Spindle speed of power Tool; 6000r/min

fast movement rate (for each axis); X1, Z1: 50000mm/min

Y: 30000 mm/min

Z2: 30000mm/min

Z2: 30000 mm/min

X2: 30000 mm/min

The required floor area (length × width × height); 5301 × 2997 × 2788mm

machine tool weight; 25600kg



