

Machine Name : Automatic lathes

Brand : STAR

Machine Model : SR-38 type B

Stock No. : 811244

Ex-factory Date : 2024



Main Technical Parameters:

CNC System: FANUC

Machining Capacity

Maximum Machining Diameter: Ø38 mm (1-1/2 inch)

Spindle Headstock Travel:

Equipped with R.G.B. Unit: 320 mm (12-19/32 inch)

Equipped with R.M.G.B. Unit: 288 mm (11-3/32 inch)

Tool Configuration

Front Tools: 5 (fixed type)

Rear Tools: 2 (X3 axis control)

5-Spindle Tool Holder:

Front Tools: 5

Rear Tools: 5

Drilling/Tapping Capability

Maximum Drilling Capacity: Ø23 mm (29/32 inch)

Maximum Tapping Capacity: M16 × P2.0

Drilling Capacity for Power-Driven Accessories: Ø10 mm (25/64 inch)

Tapping Capacity for Power-Driven Accessories: M8 × P1.25

Power-Driven Tools

Cross Milling Tools: 4

Cartridge Type: 2 positions

Adjustable-Angle Power-Driven Tool (Type A): Front 3 + Rear 3 (1 position)

B-Axis controlled Power-Driven Tool (Type B): Front 3 + Rear 3 (1 position)

Spindle Parameters

Spindle Speed: Max. 7,000 rpm

Spindle Motor: 7.5 kW (continuous) / 11 kW (10 min / 25% ED)

Spindle Indexing Angle: C-axis control

Additional Power / Feed

Power-Driven Accessory Motor: 2.2 kW (continuous) / 4.0 kW (5 min / 30% ED)

Rapid Feed Rate: 36 m/min (X1, Y1, Z1, X2, Z2), 24 m/min (Y2, X3)

Cooling and Electricity

Coolant Tank Capacity: 253 liters

Power Consumption: 16.9 kVA



