

Machine Name : CNC turning lathe

Brand : TORNOS

Machine Model : MultiSwitzerland 6*14

Stock No. : 811698

Ex-factory Date : 2018



Main Technical Parameters:

Bar Stock Diameter: 4-14 mm

Maximum Machining Length: 40 mm

Maximum Residual Length: 70 mm

Spindle

Maximum Spindle Speed: 8,000 rpm

Spindle Power: 5.6 kW

Spindle Torque: 7.5 Nm

Secondary Spindle

Maximum Rotational Speed: 8,000 rpm

Power: 5 kW

Torque: 6 Nm

Axis Configuration

Linear Axes: 14 + 1 (Y-axis, Black Edition)

Rotary Axes: 7 + 1 (optional)

Cutting Slide: 5 + 1

Back-Working Slide: 1

Axis Travels

Spindle Z-axis Travel: 50 mm

Sub-Spindle Z-axis Travel: 150 mm

Cutting Slide X-axis Travel: 40 mm

Cutting Slide Y-axis Travel: 30 mm

Back Machining X-axis Travel: 75 mm

Tooling

Maximum Tool Positions: 18

Back Machining Tool Positions: 2

Cooling & Oil System

Spindle Cooling: Oil cooling

Cutting Fluid Filtration: 50 µm

Coolant Tank Capacity: 900 L

Pumps

Standard Pump: 4 bar / 150 L/min

High-Pressure Pump (optional):

35 bar / 40 L/min

80 bar / 26 L/min

Others

Total Weight: 7,000 kg

Total Power: 59 kW

