

SWISS TYPE CNC LATHE



SW-06

- Fast Micropart Machining
- Small Lathe, Big Capability
- Compact Size, Precise Performance

Standard Configuration

10 Core Features For High-Precision CNC Turning.



0.75KW Spindle Servo Motor



Telescopic Guards for X/Z Axes



Lubrication System



Guide Bush



Multifunctional Control Panel



Coolant Tank



SMARTBRAIN CNC System



Live Tools



User Manual



Toolbox



Main Spindle (Standard)



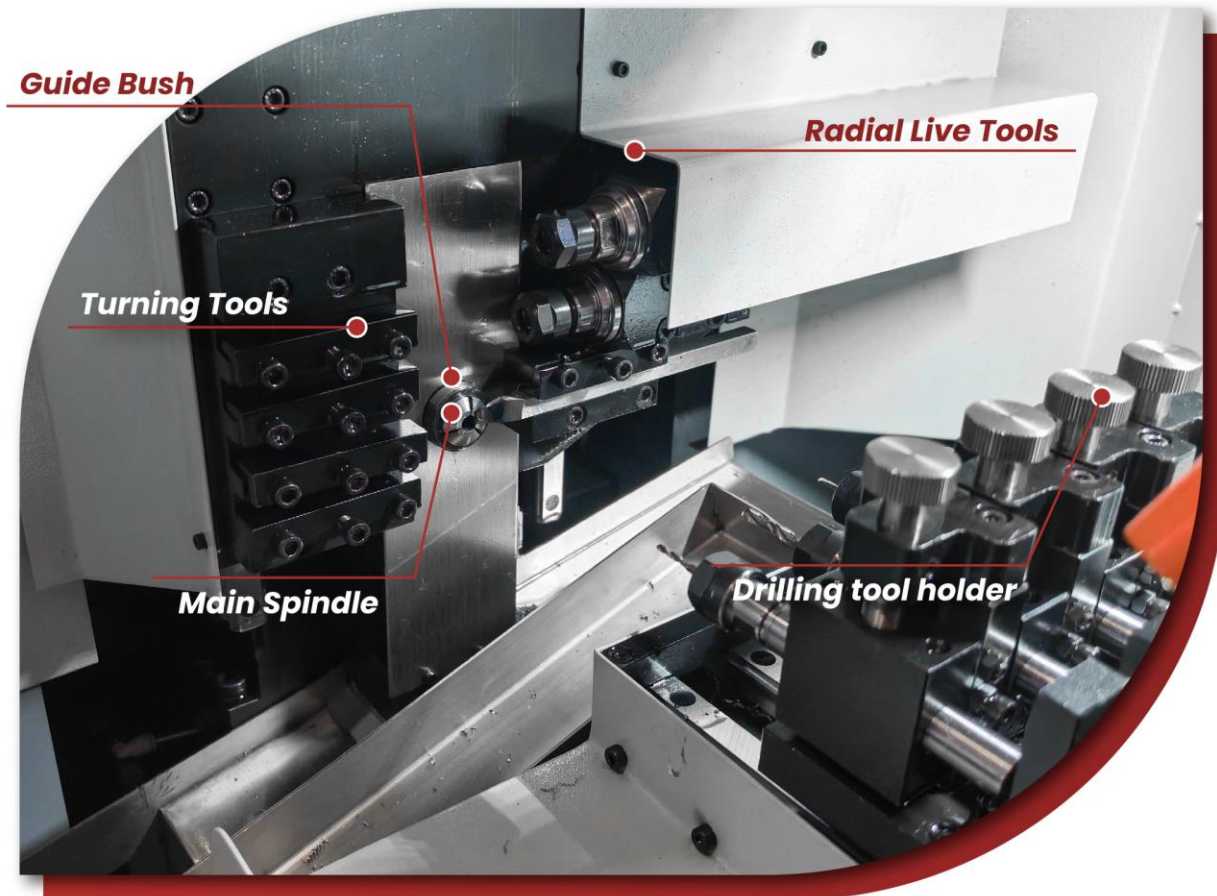
Guide Bush



Automatic Bar Feeder



Machine Tool Structure



Main Spindle

Spindle Motor Power	0.75 kw
Spindle Speed	8000 rpm
Max. Machinable Bar Diameter	6 mm(0.236 in)
Z1 Travel	Φ150 mm(Φ5.91 in)

Guide Bush

Size	Φ1-6
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Drilling Tool Holder

Max. Turning Tools	4 sets
Tool Size	ER11

Turning Tools

Max. Turning Tools	5 sets
Rapid Traverse Speed	30 m/min
X Travel	12 mm(0.472 in)
Y Travel	60 mm(2.36 in)
Tool Size	□8×8 mm

Live Tools

Max. Turning Tools	2 sets
Spindle Speed	5800 rpm
Tool Size	ER11

*The images and the specifications of the machine in this offer are indicative. The data is subject to change without prior notice.

Machining Parameters

Main Spindle Max. Ø	6 mm(0.236 in)
Max. Bar Ø	Ø6 mm(0.236 in)
Max. Machining Length	150 mm
Max. Axial Drilling Diameter	4 mm
Max. Main Spindle Speed	8000 rpm
Max. Live Tools Diameter	4 mm
Max. Live Tools Speed	5800 rpm Optional: 12000 rpm

Axis Travel

X Axis	12 mm(0.472 in)
Z Axis	300 mm(11.81 in)
Y Axis	60 mm(2.36 in)
Rapid Feed Z//X/Y	Up to 60m/min

Motor Power

Main Spindle Motor	0.75KW
Live Tool Motor	0.15KW
Cutting Oil Motor Power	0.12Kw

Dimensions

Footprint	1000×700×1750 mm
Weight	680 kg

Power Supply & Air Source

Total Power	3.75KW
Voltage	AC 380V 50Hz
Air Pressure	0.4-0.6 MPa

Tools

Number of Tools	11
Turning Tool Size	5×□8×8 mm
Drilling tool holder	4×ER11
Live Tools	2×ER11

Clamp

Spindle Chucks	P4
Guide Bushing	CK1107

Chucks & Bushings

Spindle Chucks	P4
Guide Bushing	CK1107

CNC System Specifications

SMARTBIRAN Control System
 Display Language
 MPG & USB
 Program Capacity
 Tool Offsets
 ISO A Code Programming
 Rigid Tapping
 Tool Radius Compensation
 Constant Surface Speed
 Thread Cutting (Single/Multi-Pass)
 Manual Jog Feed
 Runtime Display
 Part Count