

SY2 | Built-in Spindles Swiss-type CNC Lathe

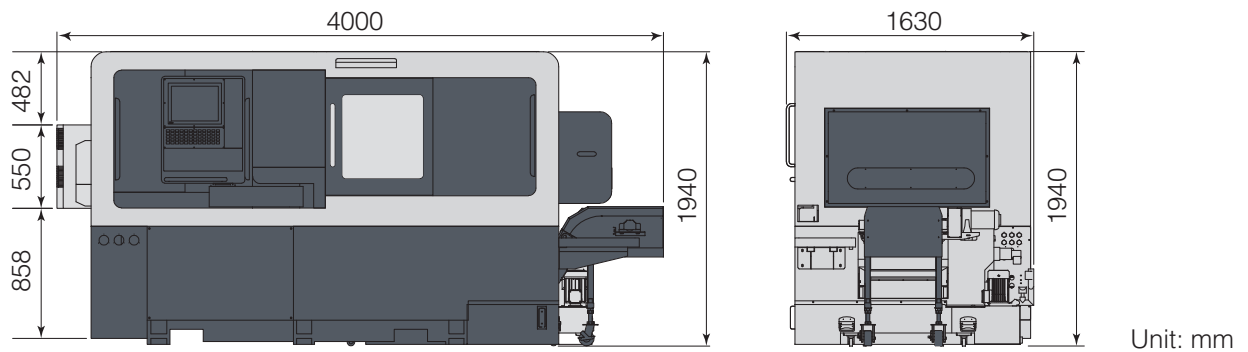
Powerful Built-in Spindles Multi-Functional Tooling System Guide Bush / No Guide Bush Switchable

- With / Without guide bush device depends on part length, easy to change machining type.
- Double spindle with functional tooling system to provide maximum productivity.
- Back tooling system with Y2 axis, max load 8 pcs live tool for multi-functional machining.
- Two deep drilling holder beside sub spindle for more functional machining.
- Roller type linear guide way for all axes, It can provide high position accuracy and high machining performance.



SY2

Machine Layout



Specifications

Model		SY2 - 52
Control Unit	Controller	MITSUBISHI
Capacity	Max. Turning Dia. (Rotary Guide Bush)	Ø42 mm
	Max. Turning Dia. (Non Guide Bush)	Ø51 mm
	Max. Turning Length (Rotary Guide Bush)	350 mm
	Max. Turning Length (Non Guide Bush)	128 mm
	X1 / Y1 / Z1-Axis Travel	271 / 420 / 337.5 mm
	X2 / Y2 / Z2-Axis Travel	445 / 120 / 428 mm
	X1 / Y1 / Z1-Axis Rapid Travel Speed	30 M/min
	X2 / Z2-Axis Rapid Travel Speed	30 M/min
	Y2-Axis Rapid Travel Speed	8 M/min
Main Spindle	Min. Input Unit	0.001 mm
	Collet of Spindle (Rotary Guide Bush)	TRB-42
	Collet of Spindle (Non Guide Bush)	TRB-52
	Spindle Motor	7.5 / 11 kW
	Max. Spindle speed	6000 rpm
	C Axis Index Positioning	0.001°
Main Spindle Tools System	Center Height	1095 mm
	No. of O.D Turning Tool / Size	6 pcs / □16 (Opt: 5 pcs / □20)
	No. of I.D Turning Tool / Size	5 pcs / Ø25
	No. of Radial Live Tooling / Size	5 pcs / ER-20
	No. of Axial Live Tooling	3 pcs
	No. of Axial Live Tooling Size (Front / Back)	ER-20 / ER-16
	Live Tooling Motor	2.2 kW
Sub Spindle	Max. Live Tooling Speed	6000 rpm
	Max. Bar Feeding Dia.	Ø51
	Collet of Sub Spindle	TRB-52
	Sub Spindle Motor	7.5 / 11 kW
	Max. Sub Spindle Speed	6000 rpm
Sub Spindle Tools System	C Axis Index Positioning	0.001°
	No. of Axial Tooling / Size	8 pcs / ER-20
	No. of O.D Turning Tool / Size	3 pcs / □12
	Deep Drilling Tool Holder / Size	2 pcs / Ø25
	Live Tooling Motor	2.2 kW
	Max. Live Tooling Speed	6000 rpm
Power	Power	57 KVA
	Hydraulic Motor	2 HP
	Spindle Upper Flush Pump	1 HP
	Tool Coolant Pump	1 HP
Machine	Main / Sub Spindle Cooling	Oil Cooling
	Hydraulic Tank	35L
	Coolant Tank Capacity	220L
	Machine Size (Includes Chip Conveyor)(LxWxH)	4000 mm x 1630 mm x 1940 mm
Machine N.W. (Includes Chip Conveyor)	6000 kg	

* Design and specs subject to change without notice.

