

SY2-20B

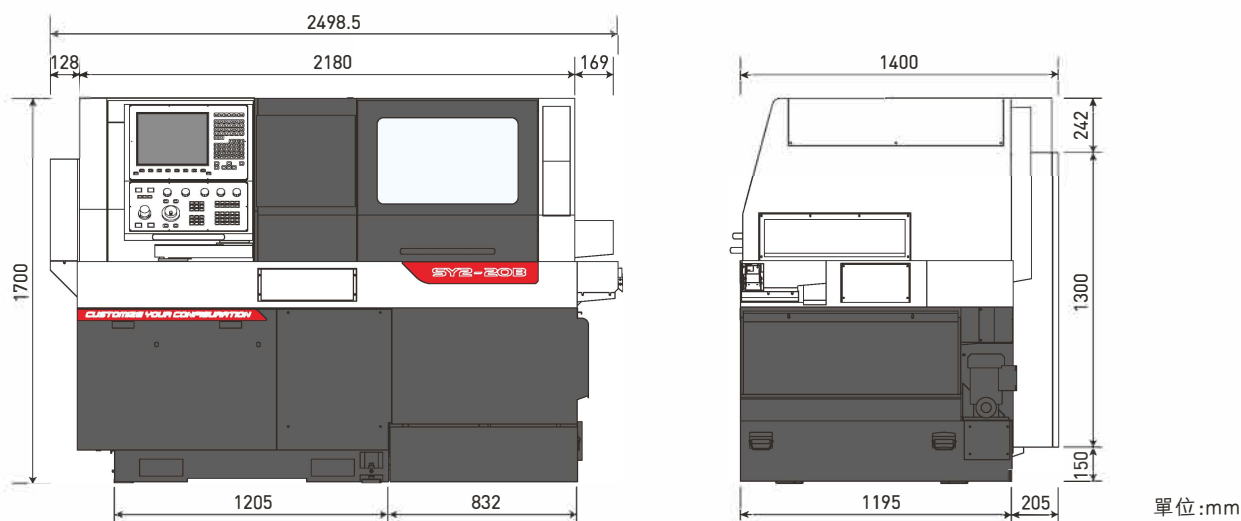


| SWISS TYPE CNC LATHE |

- **Double built-in spindle.**
- **Removable guide bush.**
- **Maximum 30 tool position & Y2 axis.**



SY2-20B | Machine Dimensions



SY2-20B | Machine Specifications

Capacity	Controller	Syntec	Mitsubishi	Fanuc
Axes Specification	Max. cutting diameter (rotary Bush / Bushless)		Ø20 / Ø23 mm	
	Max. cutting length per chuck (rotary Bush / Bushless)		200 / 50 mm	
	X1 / Y1 / Z1 axis travel		200 / 285 / 205mm	
	X2 / Z2 / Y2 axis travel		330 / 290 / 51.5mm	
	X1 / Z1 / Y1 rapid traverse		30 m/min	
	X2 / Z2 / Y2 rapid traverse		30 / 30 / 5 m/min	
Spindle	Min. input unit		0.001 mm	
	Max. of spindle speed		10000 rpm	
	Collet of spindle		ST 20	
	Size of guide bush		SR 20	
	C-axis index positioning		0.001°	
	Spindle motor	5.5kw	3.7 kw	3.7 kw
	Spindle type		Built-in spindle	
	No. / size of O.D. tools		6 / □12	
	No. / size of I.D. tools		5 / Ø22	
	Max. number of revolutions of the driven tool		8000 rpm	
	Power tool motor	2.5kw	2.2kw	2.2kw
	No. / size of radial live tools		3 / ER-20*1,ER-16*2	
Expandable live tool station		2		
Sub-spindle	Max. of spindle speed		10000 rpm	
	Collet of spindle		ST 20	
	C-axis index positioning		0.001°	
	Sub-spindle motor	5.5kw	3.7 kw	3.7 kw
	Spindle type		Built-in spindle	
	The max. number of revolutions of the back tool		8000 rpm	
	Sub-spindle power tool motor	1 kw	1.5 kw	1 kw
	The number of end face live tool		4 / Optional 4	
Electricity	Number / size of deep hole tool holder		2 / Ø 22	
	Voltage regulators / transformers		30 KVA	
Machine Specifications	Coolant pump		1.6 HP	
	Main / sub-spindle motor cooling system		Oil-circulation cooling	
	Main / Sub spindle clamping system		Pneumatic jaw	
	Lub. tank capacity		2 L	
	Coolant tank capacity		200 L	
	Machine size (L x W x H)		2498 x 1400 x 1700 mm	
	Machine N.W. (without chip conveyor)		3200 kg	
Air pressure requirement		0.6 Bar		

