

SY2-20B

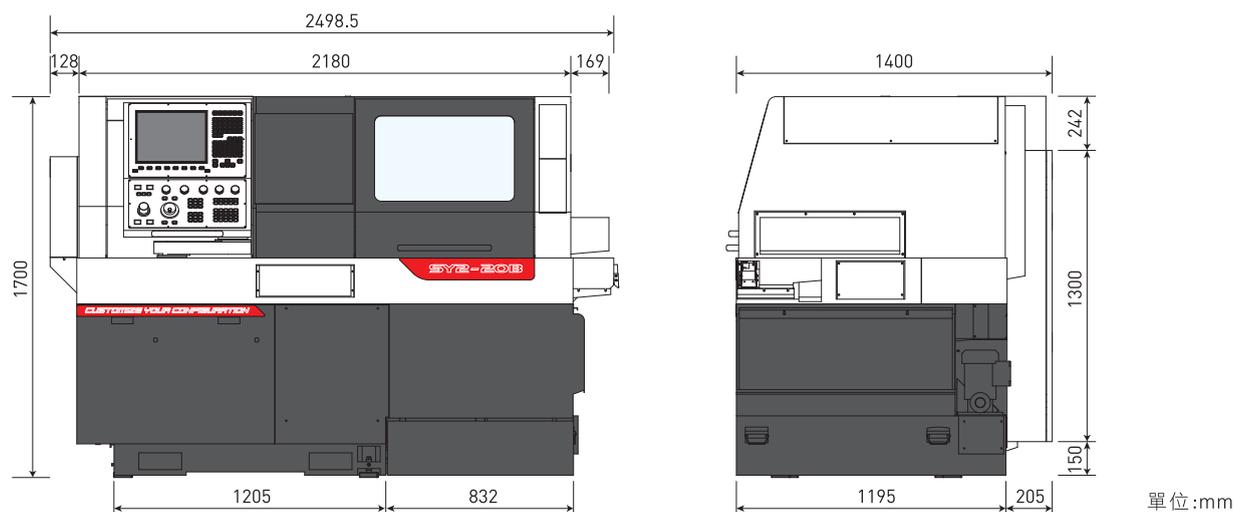


| SWISS TYPE CNC LATHE |

- 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		
Spindle	X2 / Z2 / Y2 rapid traverse	30 / 30 / 5 m/min		
	Min. input unit	0.001 mm		
	Max. of spindle speed	10000 rpm		
	Collet of spindle	ST20		
	Size of guide bush	SR20		
	C-axis index positioning	0.001°		
	Spindle motor	5.5kw	3.7kw	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	2.2 kw		
No. / size of radial live tools	3 (ER-20*1,ER-16*2)			
Sub-spindle	Max. number of revolutions of the sub-spindle	10000 rpm		
	Collet of spindle	ST 20		
	C-axis index positioning	0.001°		
	Sub-spindle motor	5.5 Kw	3.7kw	3.7kw
	Spindle type	Built-in spindle		
	The max. number of revolutions of the back tool	8000 rpm		
	Sub-spindle power tool motor	0.75kw	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	20 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			

