

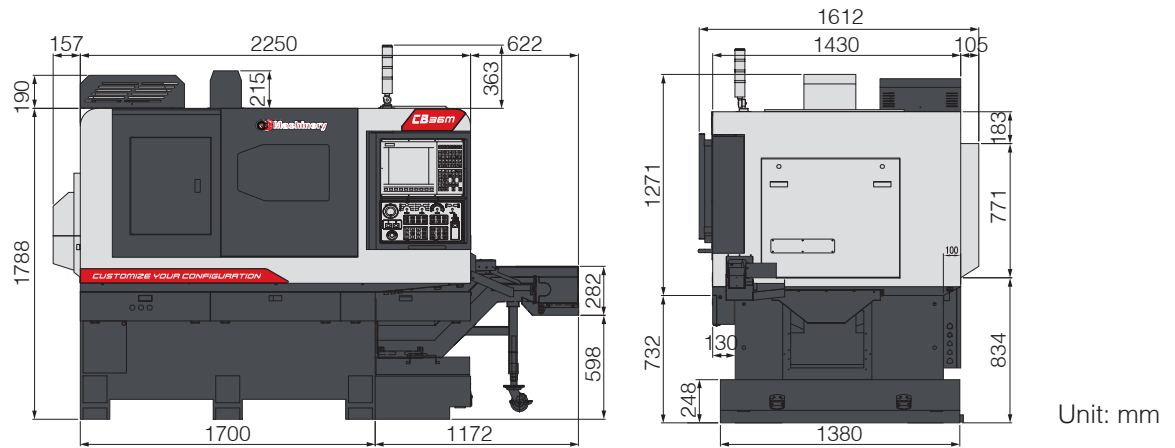
CB | Sub Spindle & Back Machining

Direct Drive

Sliding head without a guide bush design provide faster setups, lesser remnants, and more cost reduction.

- The CB series provide multiple tooling systems is suitable for versatile cutting applications. On the front side tooling system, user can set with 4+3 live tools, 6 O.D. tools and 5 I.D. tools. Moreover, on the back milling system, user can set 4 live tools. The maximum tool speed is 6000 rpm. User can install O.D. and I.D. tools on the back milling system.
- The sub-spindle head moves on the precision roller type linear ways with extra-large span design for outstanding stability and positioning accuracy.





Unit: mm

Specifications

Direct Drive Model		CB-36M	
Control Unit	Controller	SYNTEC	MITSUBISHI
Capacity	Max. Manu. Dia.	Ø36 mm	
	Max. Bar Feeding Dia.	Ø36 mm	
Axes Travel	X1/X2-Axis Travel	185/290 mm	
	X1/X2-Axis Servo Motor	1.5 kw/1.0 kw	
	Y/Z1/Z2-Axis Travel	490/165/285 mm	
	Y/Z1/Z2-Axis Servo Motor	1.0 kw	
	X/Y/Z-Axis Rapid Travel Speed	30m/min	
Main Spindle	Max. Turning Dia.	Ø36 mm	
	Max. Spindle Speed	6000 rpm	
	Center Height	1032 mm	
	Spindle Collet	TRB-36	
	Spindle Servo Motor	7.9 kw	
	No. of O.D. Turning Tools	6 (Optional 5) pcs	
	O.D. Turning Tool Size	□12mm (Op: □16mm)	
	No. of I.D. Turning Tools	5 pcs	
Spindle Live Tooling	I.D. Turning Tool Size	Ø25mm	
	No. of Radial Live Tools	4 pcs	
	Radial Tool Size	ER-20	
	Radial Live Tooling Max. Speed	6000 rpm	
	No. of Axial Live Tools	3 pcs	
	Axial Tool Size	ER-20	
	Axial Live Tooling Servo Motor	0.75 kw	
Sub Spindle	Axial Live Tooling Max. Speed	6000 rpm	
	Max. Turning Dia.	Ø36 mm	
	Max. Sub Spindle Speed	6000 rpm	
	Spindle Collet	TRB-36	
	Sub Spindle Servo Motor	7.9 kw	
	C-Axis Index Positioning	0.001°	
Sub Spindle Live Tooling	No. of Turning Tools	4 pcs	
	I.D. Turning Tool Size	Ø25 mm	
	No. of Axial Live Tools	4 pcs	
	Axial Live Tooling Size	ER-20	
	Axial Live Tooling Servo Motor	0.75 kw	
Hydraulic	Axial Live Tooling Max. Speed	6000 rpm	
	Hydraulic Motor	1HP / 0.75 kw	
	Hydraulic Tank Capacity	46L	
Coolant pump	Tool Coolant Pump	1HP / 0.75 kw	
	Spindle Upper Flush Pump	1HP / 0.75 kw	
	Coolant Tank Capacity	240L	
Machine	Voltage stabilizer / Transformer	220V / 20 KVA	
	Machine Size (LxWxH) (includes chip conveyor)	3029x1612x2151mm	
	Machine N.W.(includes chip conveyor)	4000kg	

* Design and specs subject to change without notice.

