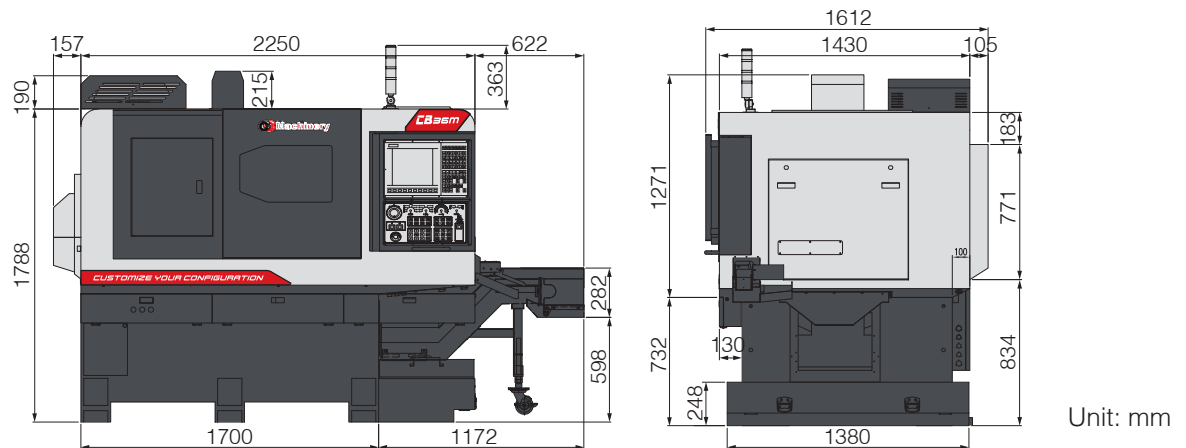


CB | Sub Spindle & Back Machining

Multiple Tooling Systems 7-axis, Sliding Headstock Back Milling Device

- No matter what operation – turning, milling, drilling, tapping, cutting, side turning and back machining, the CB series does it all in one operation.
- 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.





Specifications

Model		CB-36M
Control Unit	Controller	SYNTEC
Axes Travel	X1/X2-Axis Travel	185/290mm
	X1/X2-Axis Servo Motor	1.3 kW/0.85 kW
	Y/Z1/Z2-Axis Travel	490/165/285mm
	Y/Z1/Z2-Axis Servo Motor	0.85 kW
	X/Y/Z-Axis Rapid Travel Speed	30m/min
Main Spindle	Max. Turning Dia.	Ø36 (Op:Ø32)mm
	Max. Spindle Speed	6000rpm
	Center Height	1032mm
	Standard Turning Dia.	Ø36 (Op:Ø32)mm
	Spindle Collet	TRB 36 (Op:Ø32)
	Spindle Servo Motor	7.5 kW
	No. of O.D. Turning Tools	6 (Optional 5) pcs
	No. of I.D. Turning Tools	5 pcs
	O.D. Turning Tool Size	□12mm (Op:□16mm)
	I.D. Turning Tool Size	Ø25mm
Spindle Live Tooling	No. of Radial Live Tools	4 pcs
	Radial Tool Size	ER-20
	Radial Live Tooling Max. Speed	6000rpm
	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	6000rpm
	Max. Bar Feeding Dia.	Ø27.5mm
	Max. Sub Spindle Speed	6000rpm
	Spindle Collet	TRB-32
	Sub Spindle Servo Motor	4.4 kW
	C-Axis Index Positioning	0.001°
Sub Spindle Live Tooling	No. of Turning Tools	4 pcs
	I.D. Turning Tool Size	Ø25mm
	No. of Axial Live Tools	4 pcs
	Axial Live Tooling Size	ER-20
	Axial Live Tooling Servo Motor	0.75kW
Power	Axial Live Tooling Max. Speed	6000rpm
	Voltage stabilizer / Transformer	220V/20KVA
	Hydraulic Motor	1HP/0.75 kW
	Spindle Upper Flush Pump	1HP/0.75 kW
Tank Capacity	Tool Coolant Pump	1HP/0.75 kW
	Hydraulic Tank Capacity	46L
Machine	Coolant Tank Capacity	240L
	Machine Size (LxWxH) (includes chip conveyor)	3029x1612x2151mm
	Machine N.W.(includes chip conveyor)	4000kg

* Design and specs subject to change without notice.

