

CB-36Y2M

Direct Drive Y2 Axis With Live Tooling Function

- Sliding head without a guide bush design provide faster setups, lesser remnants, and more costreduction.
- The CB-36Y2M 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 8 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.

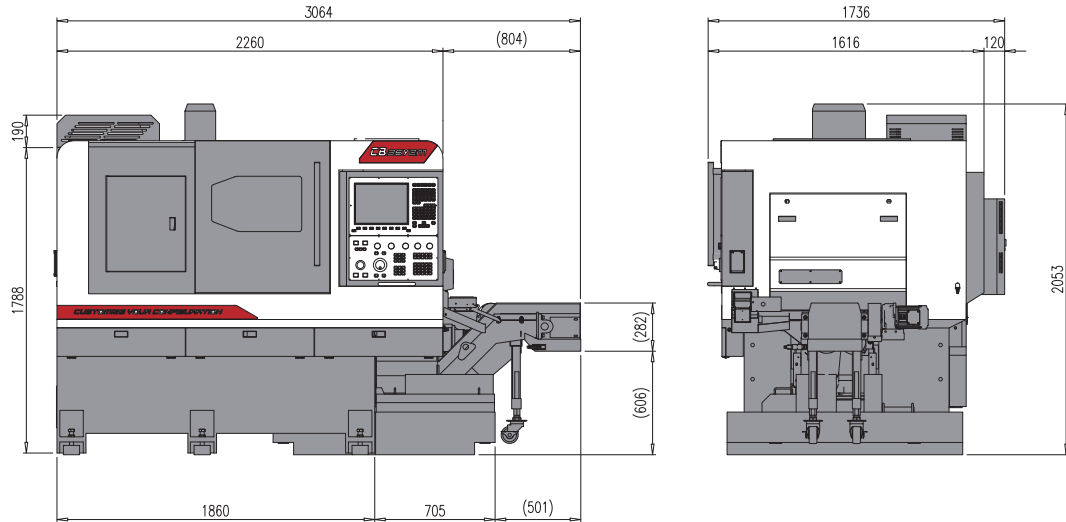


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Specifications

Unit: mm

Direct Drive Model		CB-36Y2M	
Control Unit	Controller	SYNTEC	MITSUBISHI
Axes Travel	X1 / X2- Axis Travel	185 / 305 mm	185 / 305 mm
	X1 / X2- Axis Servo Motor	1.5 / 1.0 kw	1.5 / 1.0 kw
	Y1 / Y2 / Z1 / Z2 - Axis Travel	490 / 54 / 165 / 315 mm	490 / 54 / 165 / 315 mm
	Y1 / Y2 / Z1 / Z2- Axis Servo Motor	1.0 / 0.4 / 1.0 / 1.0 kw	1.0 / 0.5 / 1.0 / 1.0 kw
	X / Y / Z- Axis Rapid Travel Speed	30 m/min	30 m/min
	Y2 Rapid travel speed	5 m/min	5 m/min
Main Spindle	Min. input unit	0.001 mm	0.001 mm
	Spindle Bore	Ø43 mm	Ø43 mm
	Max. bar feeding dia.	Ø36 mm	Ø36 mm
	Spindle servo motor	7.9 kw	7.9 kw
	Spindle max. rpm	6000 rpm	6000 rpm
	Center height	1072 mm	1072 mm
	Collet of spindle	TRB-36	TRB-36
	C Axis Index Positioning	0.001°	0.001°
	No. of O.D. turning tool	6 (Option:5)	6 (Option:5)
	O.D. turning tool size	□12 mm (Option: □16mm)	□12mm (Option: □16 mm)
Spindle Live Tooling	No. of I.D. turning tool	5 pcs	5 pcs
	No. of I.D. turning tool size	Ø25	Ø25
	No. of Radial live tool	4 pcs	4 pcs
	No. of Radial live tool size	ER-20	ER-20
	Radial Live Tooling Motor Power	1.5 kw	1.5 kw
	Radial Live Tooling Max. speed	6000 rpm	6000 rpm
	No. of Axial live tool	3 pcs	3 pcs
	No. of Axial live tool size	ER-20	ER-20
Sub Spindle	Axial live tooling motor power	0.75 kw	0.75 kw
	Axial live tooling max. speed	6000 rpm	6000 rpm
	Sub Spindle Bore	Ø43 mm	Ø43 mm
	Max. bar feeding dia.	Ø36*80 mm (Parts ejector)	Ø36*80 mm (Parts ejector)
	Sub spindle servo motor	7.9 kw	7.9 kw
	Sub spindle max. rpm	6000 rpm	6000 rpm
	Collet of spindle	TRB-36	TRB-36
Sub Spindle Live Tooling	C Axis Index Positioning	0.001°	0.001°
	I.D. turning tool size	Ø16 / ER-16	Ø16 / ER-16
	No. of Axial live tool	8 pcs	8 pcs
	No. of Axial live tool size	ER-16	ER-16
Hydraulic & Coolant pump	Axial live tooling servo motor	1.5 kw	1.5 kw
	Axial live tooling max. speed	6000 rpm	6000 rpm
	Hydraulic motor	1 HP/ 0.75kw	1 HP/ 0.75kw
	Spindle upper flush pump	1 HP/ 0.75kw	1 HP/ 0.75kw
	Tool coolant pump	1 HP/ 0.75kw	1 HP/ 0.75kw
Machine	Coolant tank Capacity	260 L	260 L
	Voltage stabilizer / Transformer	220V / 31 KVA	220V / 40 KVA
	Machine Size (LxWxH)(includes chip conveyor)	3064×1655×2053 mm	3162×1655×2053 mm

* Design and specs subject to change without notice.