

CT2 | 2 Spindles 2 Turrets

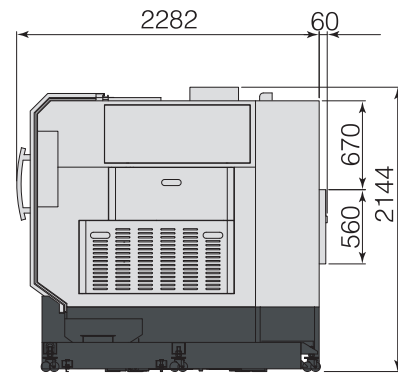
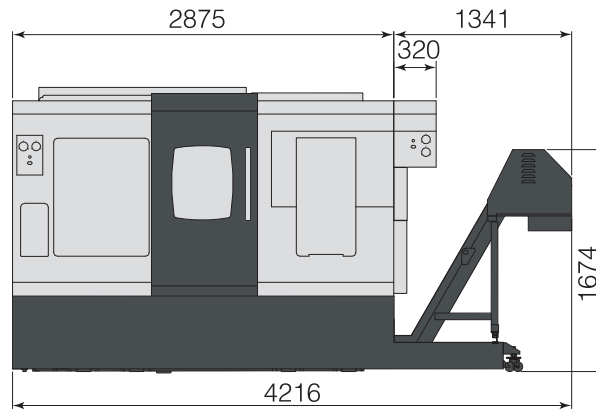
Y-Axis Turret 32 Live Tools Cell Automation Option

- The CT series offers the choice of an extra large 76mm diameter spindle to handle even larger workpieces
- CT2 with double turrets possesses cutting versatility, realizing complex parts machining in a single setup. The Y-axis turret can achieve machining in both main and sub-spindle areas, promising greater processing capacity.
- The special structural design of the CT2 series uses a rigid 90° angle for the turret carriage. This maintains superb rigidity and stability during machining. Furthermore, the design ensures simplicity in control, reducing programming complexity.
- CC machinery offers two options for cell automation in all the CT series. Customers with multi-cell operation demands can choose a gantry type loader or a fully automatic arm.



CT2

Machine Layout (CT2-52YM)



Unit: mm

Specifications

Model		CT2-52	CT2-52YM	CT2-76YM	CT2-52Y2M(S)	CT2-76Y2M
Control Unit	Controller	MITSUBISHI		MITSUBISHI/FANUC		
Capacity	Max. Turning Dia.	Ø325 mm				
	Standard Turning Dia.	Ø210 mm				
Axes Specification	Max. Turning Length	400 mm	440 mm	415 mm	310 mm	285 mm
	X1/X2-Axis Travel	227.5/232mm		227.5/230 mm	227.5/227.5 mm	227.5/227.5 mm
	Z1/Z2-Axis Travel	440/440 mm		382/382 mm	310/250 mm	252/250 mm
	Y1/Y2-Axis Travel	-	± 50 mm			± 50 / ± 50 mm
	X/Y/Z-Axis Motor	M:2.2 kW, F:2.7 kW				
Spindle	X/Y/Z-Axis Rapid Travel Speed	16 / 6 / 40 m/min				
	B-Axis Travel	650 mm		530mm	775mm	655mm
	B-Axis Motor	M:2.2 kW, F:2.7 kW				
	B-Axis Rapid Travel Speed	40 m/min				
	Min. Input Unit	0.001 mm				
Sub Spindle	Max. Spindle Speed	4000rpm (Op:6000 rpm)		4000 rpm	4000rpm (Op:6000 rpm)	4000 rpm
	Spindle Motor	M:7.5/11 kW, F:11/15 kW		M:15/22kW, F:18/22kW	M:7.5/11 kW, F:11/15 kW	M:15/22 kW, F:18/22 kW
	Spindle Nose	A2-5		A2-6	A2-5	A2-6
	Max. Bar Feeding Dia.	Ø51 mm		Ø76 mm	Ø51 mm	Ø76 mm
	Chuck Size	6"		8"	6"	8"
L, R, C	Max. Sub Spindle Speed	4000rpm (Op:6000 rpm)		4000 rpm	4000rpm (Op:6000 rpm)	4000 rpm
	Spindle Motor	M:7.5/11 kW, F:11/15 kW		M:7.5/11 kW, F:18/22 kW	M:7.5/11 kW, F:11/15 kW	M:7.5/11 kW, F:18/22 kW
	Spindle Nose	A2-5		A2-6	A2-5	A2-6
	Max. Bar Feeding Dia.	Ø51 mm		Ø65 mm	Ø51 mm	Ø65 mm
Live Tooling Turret	Chuck Size	6"		8"	6"	8"
	Min. Moving Unit	0.001°				
	C-Axis Rapid Travel Rate	600 min ⁻¹				
	O.D Turning Tool Size	□25 mm				
	I.D Turning Tool Size	Ø25 mm				
Hydraulic	Rotating Mode	-		Single Tool Transmission		
	Live Tooling rpm	-		60~6000 min ⁻¹		
	Live Tooling Motor	-		M:3.7/5.5 kW, F:4.5 kW		
	Collet Size	ERØ32				
Coolant Pump	Tool Holder & Tool Size	-		BMT65		
	Hydraulic Motor	5HP / 3.7kW				
	Spindle Coolant Pump	1HP / 0.75kW				
	Turret Coolant Motor	1HP / 0.75kW				
Tank Capacity	Chip Flush Pump	1HP / 0.75kW				
	Sub-Spindle Internal Coolant Pump	1HP / 0.75kW				
Machine	Hydraulic Tank	48L				
	Coolant Tank	360L				
Machine	Power	60KVA				
	Machine Size (LxWxH) (includes chip conveyor)	4216x2342x2144 mm			4181x2072x2153 mm	4327x2335x2164 mm
	Machine N.W. (includes chip conveyor)	10200 kg	10200 kg	10300 kg	10200 kg	11200 kg

* Design and specs subject to change without notice. * M: Mitsubishi, F: Fanuc

