

CL-250 | Servo Turret

ML-250 | Power Turret

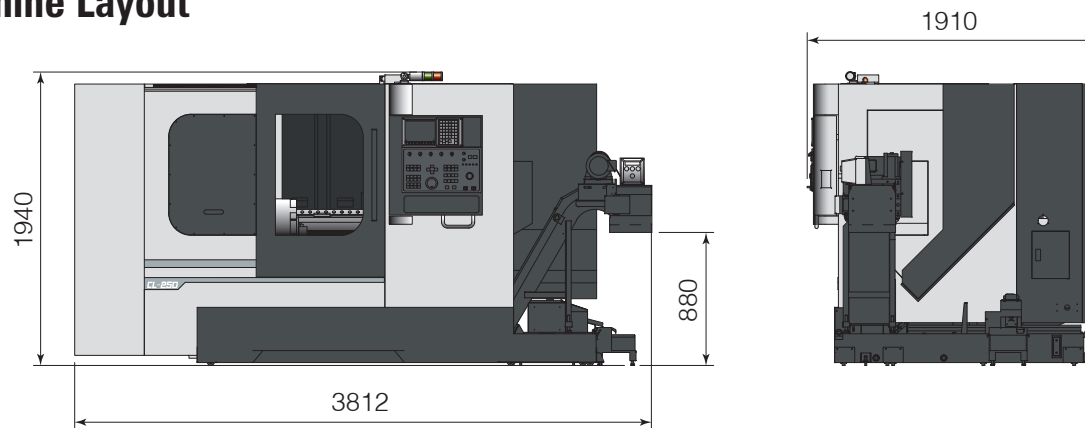
Heavy-duty Parts Machining Programmable Tailstock Superb Surface Finish

- This series is designed for heavy-duty parts of 400mm in diameter and 600mm in length.
- Equipped with either an 8" or 10" hydraulic chuck with a programmable tailstock for long shaft machining capability.
- This machine is offered with either a servo or powered turret for maximum versatility, 12 station tool capacity and a 3-disc clutch gear positioning to maintain high accuracy and long-life use.
- Ultra rigid 45° slant bed structure with wide spanning linear guideways ensures long-term rigidity and machining accuracy during heavy-duty machining.



CL-250 / ML-250

Machine Layout



Unit: mm

Specifications

Model		CL-250		ML-250	
Control Unit	Controller	FANUC	MITSUBISHI	FANUC	
Capacity	Length of Spindle Nose to Turret	713mm		713mm	
	Spindle Swing Over Bed Slide	Ø590mm		Ø590mm	
	Turret Swing Over Bed	Ø560mm		Ø560mm	
	Max. Turning Length	600mm		600mm	
	Max. Turning Dia.	400mm		400mm	
Axes Specification	X/Z-Axis Travel	225 / 600mm		225 / 600mm	
	X/Z-Axis Motor	1.8kw / 3.0kw	2.2kw / 2.2kw	1.8kw / 3.0kw	
	X/Z-Axis Rapid Traverse	20 / 24m/min		20 / 24m/min	
Spindle	Spindle Chuck	10"		10"	8"
	Spindle Motor	15 / 18.5kw	11 / 15kw	15 / 18.5kw	
	Max. Spindle Motor Torque	236Nm	180Nm	236Nm	
	Spindle Bore	88mm		88mm	62mm
	Max. Bar Feeding Dia.	76mm		76mm	51mm
	Max. Spindle Speed	3500rpm		3500rpm	4500rpm
	Spindle Nose	A2-8		A2-8 / A2-6	
Turret	No. of Tool	12		12	
	Turret Motor	0.85kw		0.85kw	
	Max. Live Tool Motor	-		3.7kw	
	Max. Live Tool Speed	-		6000rpm	
	O.D. Tool Size	□25mm		□25mm	
	I.D. Tool Size	Ø40mm		Ø32mm	
Tailstock	Tailstock Travel	600mm		600mm	
	Quill Stroke	140mm		140mm	
	Quill Dia.	Ø85mm		Ø85mm	
Power	Coolant Pump	0.75kw x 1		0.75kw x 1	
	Hydraulic Pump	2 HP / 1.5kw		2 HP / 1.5kw	
Tank Capacity	Coolant Tank Capacity	340L		340L	
	Hydraulic Tank Capacity	20L		20L	
Machine	Voltage stabilizer/transformer	20KVA		30KVA	
	Machine Size (L x W x H)	3812 x 1910 x 1940 mm		3812 x 1910 x 1940 mm	
	Weight	5200kg		5200kg	

* Design and specs subject to change without notice.

