

Specification		Unit	CL-15		CL-20A	
Max. swing diameter over bed		mm	Φ400		Φ440	
Max. turning diameter	Shaft parts	mm	Φ165		Φ260	
	Disc parts	mm	Φ200		Φ300	
Max. turning length		mm	250/330	230/310	450	430
Guideway type			Linear guideway			
Spindle						
Chuck size			6"	8"	8"	10"
Type of spindle nose			A2-5	A2-6	A2-6	A2-8
Spindle speed range		rpm	50 ~ 5000	45 ~ 4500	45 ~ 4500	35 ~ 3500
Spindle motor power		KW	7.5/11 FANUC Oi-TF(5)		11/15 FANUC Oi-TF(5)	
Spindle bore		mm	Φ46	Φ62	Φ62	Φ87
Max. bar capacity (Equipped with through-hole hydraulic chuck)		mm	Φ31	Φ51	Φ51	Φ74
Travel						
Max. travel of X/Z axis		mm	120/260、340	120/240、320	165/500	
Rapid traverse of X/Z axis		m/min	20/24		20/24	
Cutting feed rate		mm/min	0 ~ 5000		0 ~ 5000	
Tool post						
Turret type and tool numbers			Hydraulic 8-position turret		Hydraulic 8-position turret (Opt:12-position turret)	
Tool shank size		mm	20×20		25×25	
Indexing time(adjacent/farthest)		s	0.5/1.4		0.45/1.2 (0.45/1.45 12-position turret)	
Tailstock						
Max. travel of tailstock			300		460	
Diameter of tailstock quill			Φ80		Φ80	
Tailstock quill stroke		mm	130		130	
Taper of tailstock			MT. 4		MT. 4	
Accuracy						
X/Z axis positioning accuracy		mm	0.011/0.011		0.011/0.011	
X/Z axis repeatability accuracy		mm	0.004/0.004		0.004/0.004	
Controller						
CNC Controller			FANUC Oi-TF			
General						
Machine dimensions(L×W×H)		mm	2420×2095×2052 (Rear chip conveyor) 3720×1525×2052 (Side chip conveyor)		2850×2920×1760 (Rear chip conveyor) 4150×1620×1760 (Side chip conveyor)	
Machine weight		kg	3000		4000	