

SPECIFICATIONS CNC Series

MODEL		GU-2020CNC		GU-3250CNC		GU-32100CNC	
CAPACITY							
Swing over table	mm	200		320		320	
Distance between centers	mm	200		500		1,000	
Max. grinding diameter	mm	φ160		φ 280		φ 280	
Max. grind wheel dimensions	mm	φ 355x50x127		φ 405x56x127		φ 405 x 56 x 127	
Max. load held between centers	kg	30		150		150	
Max. grinding wheel peripheral speed	m/s	33(45)		45		45	
CONTROL SYSTEM							
Controller				FANUC /SIEMENS/MITSUBISHI			
FEED SLIDE							
X-axis minimum resolution increment	mm	0.0001		0.0001		0.0001	
X-axis rapid traverse speed	m/min	5		6		6	
Z-axis minimum resolution increment	mm	0.0001		0.0001		0.0001	
Z-axis max.traverse speed	m/min	6		8		8	
Z-axis can be swiveled manually in deg.	deg.	-0.5 ~ + 8		-0.5 ~ + 8		-0.5 ~ +5	
WORKHEAD							
Spindle speed	r.p.m.	5-750		5-750		5-750	
Center		M.T.3		M.T.4		M.T.4	
Swiveling angle (counterclockwise-clockwise)	deg.	90° - 30°		90° - 30°		90° - 30°	
TAILSTOCK							
Hydraulic sleeve retraction	mm	25		35		35	
Center		M.T.3		M.T.4		M.T.4	
TANK CAPACITY							
Hydraulic tank	L	40		45		45	
Coolant tank	L	80		80		80	
Wheelhead lubrication	L	25		45		45	
Tailstock lubrication	L	Q4		Q4		Q4	
DRIVEN MOTORS							
Wheel spindle	HP	3		5		5	
Wheelhead feed (servo motor)	kw	1.2		1.6		1.6	
Table feed (servo motor)	kw	1.2		3.0		3.0	
Workhead spindle (servo motor)	kw	0.75		1.2		1.2	
Hydraulic pump	HP	1		1		1	
Wheel spindle lubricant	HP	1/4		1		1	
Coolant pump	HP	1/4		1/4		1/4	
Internal grinding	HP	1		1		1	
OTHERS							
Machine dimensions	mm	1,800 x 2,300 x 2,160		3,000 x 2,000 x 2,260		4,200 x 1,900 x 2,260	
Machine weight	kg	2,500		3,800		4,800	

*Design and specifications are subject to change without prior notice

*The machine dimension and weight are based on standard equipment