SPECIFICATIONS NC/S/P Series

MODEL		GU-3250	GU-3275	GU-32100
CAPACITY				
Swing over table	mm	320	320	320
Distance between centers	mm	500	750	1,000
Max. grinding diameter	mm	ϕ280	ϕ280	ϕ280
Max. grinding wheel dimensions	mm	ϕ405 x 56 x 127	ϕ405 x 56 x 127	ϕ405 x 56 x 127
Max. load held between centers	kg	150	150	150
Max. grinding wheel peripheral speed	m/s	33	33	33
Wheelhead handwheel feed stroke	mm	160	160	160
Wheelhead automatic rapid feed stroke	mm	40	40	40
Wheelhead automatic infeed stroke	mm	0.001	0.001	0.001
Movement per turn handwheel	mm	1	1	1
CONTROL SYSTEM (NC Series)				
NC controller			PROFACE	
Wheelhead feed (Servo Motor)	kw	0.4	0.4	0.4
FEED SLIDE				
X-axis minimum resolution increment	mm	0.001	0.001	0.001
X-axis rapid traverse speed	m/min	6	6	6
Z-axis minimum resolution increment	mm	≒0.01	≒0.01	≒0.01
Z-axis max. traverse speed	m/min	4	4	4
Z-axis can be swiveled manually in deg.	deg.	-0.5 ~ +8	-0.5 ~ +6.5	-0.5 ~ +5
Z-axis movement per turn of handwheel	mm	12.5(1.25)	12.5(1.25)	12.5(1.25)
Z-axis min.automatic reciprocating stroke	mm	10~14	10~14	10~14
WORKHEAD				
Spindle speed	r.p.m.	5-750	5-750	5-750
Center		M.T.4	M.T.4	M.T.4
Swiveling angle (counterclockwise-clockwise)	deg.	90° - 30°	90° - 30°	90° - 30°
TAILSTOCK				
Hydraulic sleeve retraction	mm	35	35	35
Center		M.T.4	M.T.4	M.T.4
TANK CAPACITY				
Hydraulic tank	L	60	60	60
Coolant tank	L	80	80	80
Wheelhead lubrication	L	25	25	25
Tailstock lubrication	L	0.4	0.4	0.4
DRIVEN MOTORS				
Wheel spindle	HP	5	5	5
Workhead spindle (servo motor)	kw	1	1	1
Hydraulic pump	HP	2	2	2
Wheel spindle lubricant	HP	1	1	1
Coolant pump	HP	1/4	1/4	1/4
Internal grinding	HP	1	1	1
OTHERS				
Machine dimensions	mm	2,810 x 2,270 x 1,850	3,665 x 2,270 x 1,850	4,630 x 2,270 x 1,850
Machine weight	kg	2,800	3,300	3,800

*Design and specifications are subject to change without prior notice

*The machine dimension and weight are based on standard equipment