

1. Specification

1-1. Specification of base machine

	Items	Description
A-0	Travel	
A-1	X axis (Table X-Y travel)	430 mm
A-2	Y axis (Table cross travel)	350 mm
A-3	Z axis (Spindle head vertical travel)	460 mm
A-4	Distance from spindle end to table top	200 ~ 660 mm
A-5	Distance from spindle center to column	365 mm
A-6	Distance form bottom to table surface	750 mm
B-0	Table	
B-1	Table size	600 mm x 350 mm
B-2	Permissible load on table	250 Kg
B-3	Shape on table	14 mm T-slots/3
C-0	Spindle	
C-1	Spindle speed	60 ~ 6000 r/min
C-2	Spindle taper hole	NT 40
C-3	Bearing inside diameter	55 mm
D-0	Feedrate	
D-1	Rapid traverse	X,Y axes 24000 mm/min Z axis 16000 mm/min
D-2	Cutting speed	1 ~ 8000 mm/min
D-3	Jog feedrate	mm/min
E-0	Automatic tool changer system (ATC)	
E-1	Tool shank type	BT 40
E-2	Pull stud type	MAS P 40T-1
E-3	Tool accommodation	10 pcs
E-4	Max. tool diameter	63.5 mm
E-5	Max. tool length	250 mm
E-6	Max. tool weight	3.5 Kg
E-7	Tool selection	Shortcut random

	Items	Description
G-0	Electric motor	
G-1	Main motor (for spindle)	STD: 3.7kW (30 min.) OP : 5.5kW (30 min.)
G-2	Feed motor	X,Y: 0.9kW, Z: 1.8kW (Model 5) (Model 10)
G-3	Hydraulic pump motor	0.25kW
H-0	Required power supply	
H-1	Power supply	AC 3 PHZSE 200,220,230,380,415,440,460V±10% 50Hz/60Hz ± 1Hz
	Power capacity	16 kVA
	Lead-in wire	200V - 14 mm ² x 4-core 380V - 5.5mm ² x 4-core
H-2	Air source	
	Pressure source	0.5~0.95MPa (5~9.5kgf/cm ²)
	Flow	150 ℓ/min
	Setting pressure	0.4~0.5MPa (4~5kgf/cm ²)
I-0	Tank capacity	
I-1	Hydraulic unit tank capacity	100 ℓ
J-0	Machine size	
J-1	Height	2780 mm
J-2	Required floor space	1450mm × 2270 mm
J-3	Machine weight (including NC system)	2200 kg