

**HIGH SPEED
DOUBLE COLUMN MACHINING CENTER**

YD 1000 / 1200 Series

**DESIGNED WITH HIGH SPEED,
HIGH PRECISION MACHINING CAPACITY**



► **Structure Rigidity and Stability Dramatically Surpasses Competitive Models!**

MODEL	UNIT	YD-1000	YD-1200
TRAVEL			
X axis	mm (inch)	1020 (40.16)	1250 (49.21)
Y axis	mm (inch)	700 (27.56)	950 (37.4)
Z axis	mm (inch)	500 (19.69)	580 (22.83)
Distance from Spindle Nose to Table	mm (inch)	180-680 (7.09-26.77)	200-780 (7.87-30.71)
Distance between coloumn	mm (inch)	1080 (42.52)	1060 (41.73)
TABLE			
Table Dimension	mm (inch)	1050 x 700 (41.34 x 27.56)	1360 x 960 (53.54 x 37.8)
Table Loading Capacity	kg (lbs)	800 (1763)	2000 (1763)
T-slot (Width x Number)	mm (inch)	18 x 125 x 6 (0.7x 4.9 x 6)	22 x 160 x 6 (0.87 x 6.3 x 6)
SPINDLE			
Spindle Type	-	Direct drive	Direct drive
Spindle Speed	rpm	15000	15000
Spindle Motor Power	kw (HP)	15 / 18.5 (20 / 25) (Cont. / S3-25 %)	15 / 18.5 (20 / 25) (Cont. / S3-25 %)
Spindle Taper	-	BBT40	BBT40
FEED RATE			
Rapid Traverse (X / Y / Z)	m / min (inch / min)	32 / 32 / 32 (1259 / 1259 / 1259)	36 / 36 / 36 (1417 / 1417 / 1417)
Cutting Feed Rate	mm / min (inch / min)	20000 (787 / 787 / 787)	20000 (787 / 787 / 787)
X / Y / Z Motor Power	kw (HP)	4.5 / 4.5 / 4.5 (6 / 6 / 6)	7.0 / 4.0 / 7.0 (9 / 5 / 9)
ATC & TOOL MAGAZINE			
Tool Magazine Type	-	Armless / Arm (opt.)	Armless / Arm (opt.)
Magazine Capacity	pcs	16 / 30 (opt.)	16 / 30 (opt.)
Max. Tool Diameter: (Adjacent Pots Empty)	mm (inch)	105 / 120 (4.13 / 4.72)	105 / 120 (4.13 / 4.72)
Max. Tool Length	mm (inch)	270 (10.63)	270 (10.63)
Max. Tool Weight	Kg (lbs)	3 (6)	3 (6)
Tool Taper	-	BBT40	BBT40
SPACE & SYSTEM REQUIREMENT			
Pneumatic Pressure	kgf / cm ²	6	6
Electrical Power Consumption	KVA	50	60
MACHINE WEIGHT			
Machine Net Weight	Kg (lbs)	9100 (20061)	9810 (21627)

STANDARD FEATURES

- Water Tank & Rear Flushing System
- Full Enclosed Splash Guard
- X / Y / Z Linear Scale
- Tri-colored Lamp Guard
- Work Lamp
- Air Conditioner for Electrical Box
- Oil Skimmer
- Fanuc OiMF Plus 10.4"
- Door Locker
- Horizontal Adjustment Block and Screw
- Tool Box
- Cleaning Spray Gun & Air Gun
- Hand Wheel
- Central Automatic Lubrication System