



MT-800P

Vertical Machining Center with Auto Pallet Changer



- Rapid travel 36m/min.
- Ultra-wide-A shaped column design.
- Automatic pallet changer mechanism.
- Built-in twin screw type chip conveyors.
- Direct-driven spindle 10,000rpm.



Model	Unit	MT-800P
X/Y/Z TRAVEL		
X-axis Travel	mm(inch)	850 (33.46)
Y-axis Travel	mm(inch)	500 (19.69)
Z-axis Travel	mm(inch)	550 (21.65)
Distance From Spindle Nose To Table Surface	mm(inch)	150-700 (5.91-27.56)
SPINDLE		
Spindle Speed	rpm	Direct Driven 10,000
Spindle Nose		BT-40 (ISO-40)
Spindle Motor(Con.30/min)	kw(hp)	11/15 (14/20)
TABLE		
Table Size	mm(inch)	850x500(33.46X19.69)
Max.Table Load Capacity	kgs(lbs)	350(771.62)
APC Change Time	sec	12(180 ° Swing)
T-Slot Size(WidthXNo.XPitch)mm(inch)		18x5x100(0.71X5X3.94)
RAPID TRAVEL		
Feed Motor(X/Y/Z)	kw(hp)	2/2/3(2.68/2.68/4.02)
Rapid Travel(X/Y/Z)	m/min(ipm)	36/36/36(1417/1417/1417)
Cutting Speed Rate	m/min(ipm)	1-20(40-787)
MAGAZINE		
Tool Change Type		Arm type
Tool Capacity	set	24
Max. Tool Weight	kgs(lbs)	7(15.43)
Max. Tool Length	mm(inch)	250(9.84)
Max. Tool Diameter	mm(inch)	75(2.95)/Without adjacent tools 150(5.91)
Tool Change Time(T-T)	sec	2.2
Tool Change Time(C-C)	sec	4.5
OTHERS		
Machine Size(LXWXH)	mm(inch)	3500x2300x2500(138X91X98)
Net Weight	kgs(lbs)	6700(14770)
Gross Weight	kgs(lbs)	7130(15718)
Power Supply	KVA	25
Water Tank Capacity	L	350
Compress Air Supply	Bar(psi)	4-6(58-87)

Standard Accessories

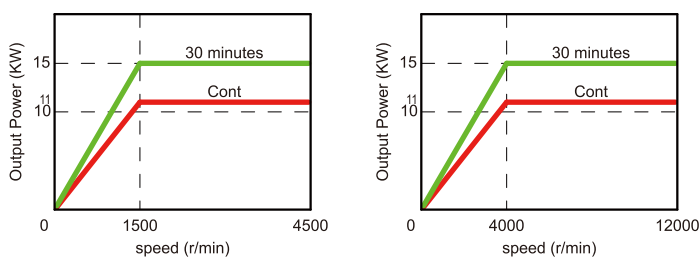
- Mitsubishi Controller
- Arm Type 24 tool
- BT-40(ISO-40)
- Spindle Oil Cooler
- Spindle Tool Change Air Blow
- MPG Handwheel
- Full Enclosure
- LED Work Light
- Tri Color Indicator Lamp
- Leveling Bolts and Pads
- Tool Box
- Electric Cabinet Heat Exchanger
- Side Flush System
- Cutting Air Blast
- Front Chip Lift Auger

Optional Accessories

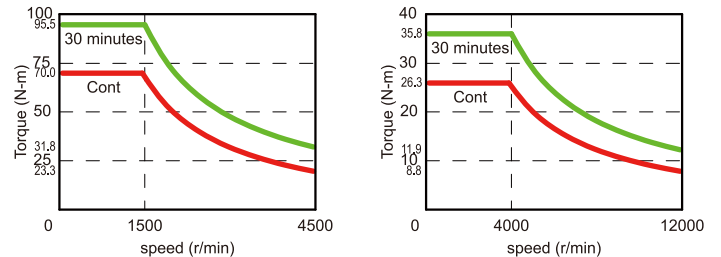
- Fanuc / Siemens Controller
- Direct Driven 12,000rpm
- Direct Driven 15,000rpm
- Arm Type 30 tool
- Coolant Through Spindle
- Full Enclosure Splash Guard
- Chip Conveyor
- Tool Length Measurement System
- Roller Linear Guideway
- 3 Axes Linear Scales
- 4th Axis Rotary / Tilting Table(GX-210)
- 5th Axis Rotary / Tilting Table(GF-170)

Mitsubishi Spindle Motor (SJ-VK15-28FZT)

Output Power - Speed Characteristic Normal



Torque - Speed Characteristic Normal



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