



## DV-800 Vertical machining center



MODEL		DV-800
<b>Travel</b>		
X travel	mm(inch)	800(31.5)
Y travel	mm(inch)	500(19.7)
Z travel	mm(inch)	540(21.3)
Spindle nose to table	mm(inch)	150-690(5.9-27.2)
<b>Spindle</b>		
Spindle speed	rpm	12000
<b>Automatic tool changer</b>		
Tool number	no.	16
Max tool diameter	mm(inch)	100(3.9)
Max tool length	mm(inch)	260(10.2)
Max tool weight	kg(lb)	7(15.4)
ATC type		Drum
Tool shank		BT/CAT#40
<b>Motor</b>		
Spindle motor (cont./30min.rated)	kw(hp)	7.5/11(10/14.7)
X/Y/Z servo motor	kw(hp)	1.5/1.5/1.5(2.0/2.0/2.0)
<b>Table</b>		
Table size	mm(inch)	910x500(35.8x19.7)
Max load capacity	kg(lb)	500(1100)
T-slot (No. x Width x Distance)	mm(inch)	5x18x100(5x0.7x3.9)
<b>Rapid speed</b>		
X rapid speed	M/min(fpm)	24(78.7)
Y rapid speed	M/min(fpm)	24(78.7)
Z rapid speed	M/min(fpm)	20(65.6)
Cutting Feedrate	mm/min(ipm)	1-10000(0.04-394)
<b>Controller</b>		
Mitsubishi		M64S
<b>Miscellaneous</b>		
Machine weight	kg(lb)	5300(11700)
Power requirement	KVA	20
Coolant capacity	L	290
Air source	kg/cm <sup>2</sup> (psi)	6(85.3)

### Standard accessories

- Chips auger
- Full enclosure
- Automatic lubrication system
- Spindle coolant cooling
- Base bolt and pad
- Tools box
- Work light
- Alarm light
- M30 automatic power off
- Chips cart
- Portable air gun
- Portable water gun
- Spindle air seal system
- Mechanical, electrical, operation manuals
- Rigid tapping
- Cabinet heat exchanger
- Mechanical oil-coolant separator
- Automatic tool changer
- Automatic lubrication system
- Telescopic covers
- Spindle oil cooling system

### Optional accessories

- Spindle programmable air blow
- Fauc/Mitsubishi/Siemens controller
- Wash-down system
- 4<sup>th</sup> axis rotary table
- 15000rpm spindle
- Linear scale
- Tool probe system
- Touch sensor system
- Disc oil-coolant separator
- Coolant through spindle
- Coolant through ballscrew
- X/Y/Z roller guide
- Arm type ATC 24 tool stations
- Chip conveyor
- Spindle splash ring
- Programmable coolant nozzle
- Portable handwheel
- Z axis with brake (without counterweight)