

Product Brochure For M8405

## CNC 5 Axis Machining Centre - DVF5000

12,000rpm spindle



ORDER CODE:	M8405
MODEL:	DVF5000
X Travel (mm):	625
Y Travel (mm):	450
Z Travel (mm):	400
A Travel (deg):	~
B Travel (deg):	140 (-30 / +110)
C Travel (deg):	360
Table Size (mm):	Ø500
MAX Workpiece Height (mm):	Ø450
Table Capacity (kg):	400
Spindle - Table (mm):	150-550
Spindle - Table (mm):	~
Spindle - Table (mm):	~
Spindle Taper:	BT40
Spindle Speed (rpm):	12,000
Spindle Motor (kW):	18.5
Rapid Traverse (m/min):	40
Guideways:	Roller LMG
Tool Change:	40Tool Arm Type
Control:	Fanuc 31iMB5 & (Heidenhain TNC 640 OPT.) & EZI Guide I Conversational & (Heidenhain OPT.) & 5 Axis Simultaneous



### Description

#### Basic Specifications

- 625, 450, 400mm X, Y, Z travels
- -30 / +110° B Axis travel
- 360° C Axis travel
- Ø500mm table size
- 400kg table load capacity
- 40, 40, 40m/min X, Y, Z rapid feed rates
- 12,000 rpm spindle
- 18.5kW spindle power
- 118Nm spindle torque
- BT40 spindle taper
- 40 Tools ATC
- Dual contact (Big Plus) spindle nose

### Features

- 12,000rpm direct drive Spindle
- Chip Conveyor
- 20 Bar Through Spindle Coolant System
- Renishaw RPM60 Probing system
- Renishaw NC4S Laser Tool setting
- Intelligent 5 axis machine Kinematic software
- DOOSAN Easy operation GUI software (EOP)
- Fully Enclosed Guarding with Door Interlocks
- Operator Training
- In House Service and Support Australia Wide

### Optional Accessories

- 18,000 rpm Built in spindle motor
- Heidenhain TNC Controller
- 60, 90, 120 Tool ATC
- HSK A63 Spindle
- Robot and Automation Interfaces
- Special Work holding

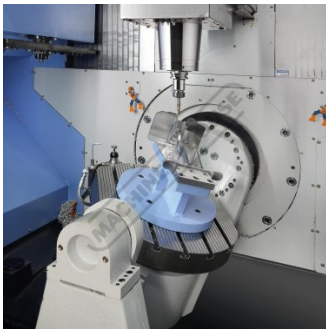
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- Doosan Machine Tools changes its name to DN Solutions
- Read more at:



### Specific Features



Insert 1



Insert 2