

Product Brochure For M8455

CNC Vertical Machining Centre - DEM 4000 VMC Fanuc

Please Call



ORDER CODE:	M8455
MODEL:	DEM 4000 VMC Fanuc
X Travel (mm):	550
Y Travel (mm):	400
Z Travel (mm):	450
Table Size (mm):	650 x 400
Table Capacity (kg):	400
Spindle - Table (mm):	120-570
Spindle Taper:	BT40
Spindle Speed (rpm):	8000
Spindle Motor (kW):	7.5
Rapid Traverse (m/min):	24/24/24
Guideways:	LMG
Arm Type ATC (No):	20
Control:	Doosan Fanuc I Series
Programming:	Fanuc



Description

Basic Specifications

- 550,400,450mm X, Y, Z travels
- 650X400mm table size
- 400kg table load capacity
- 24m/min X, Y, Z rapid feed rates
- 120 – 570mm spindle to table
- 8,000 rpm spindle speed
- 7.5kW spindle power
- 47.7Nm spindle torque
- BT40 spindle taper

Main Spindle

- 8,000 rpm heavy duty spindle
- 7.5kW Fanuc direct drive spindle motor
- Air blast through spindle

Axis Motors & Drives

- Fanuc Servo Drive Amplifiers
- Fanuc high Torque direct coupled AC Digital servo motors
- Highly rigid, precision, wide span linear guideways
- Fully supported table eliminating overhang
- Large diameter pretensioned precision reciprocating ballscrews
- Automatic lubrication equipment

Tool Changer

- High-speed arm type automatic tool changer
- 20 tool bi-directional magazine
- Side mount fully enclosed tool magazine

Coolant System

- Flood coolant
- Box type screen filter
- High pressure through spindle coolant 20bar
- Fully enclosed chip & coolant shield
- 100L coolant tank & chip pan

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Electrical

- Door safety interlock switch
- Transformer

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Swarf Removal

- Screw type chip conveyor

Operation

- Work light
- Operating & maintenance manuals
- Electrical schematics
- Tool box

CNC Control

- Doosan Fanuc I Series CNC Controller
- Fanuc 10.4" Colour LCD
- Rigid-synchronised tapping
- Helical interpolation
- USB & PCMCIA Card Slot
- + more

Automation

- Control prepared to accept Rotary Table – 4th Axis

Local Service and Support

- Commissioning & Testing Included
- Comprehensive Operator Training Included
- Hare and Forbes In House Service And Applications Staff
- Ongoing Support For Life Of The Machine

Features

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

Specific Features



Insert 1



Insert 2



Insert 4



Control Panel