Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
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Product Brochure For M8470

CNC Vertical Machining Centre - DNM 6700XL

Please Call

ORDER CODE:	M8470
MODEL:	DNM 6700XL
X Travel (mm):	2100
Y Travel (mm):	670
Z Travel (mm):	625
Table Size (mm):	2200x670
Table Capacity (kg):	1300
Spindle - Table (mm):	150-775
Spindle Taper:	BT40 - Big Plus
Spindle Speed (rpm):	12,000
Spindle Motor (kW):	18.5
Rapid Traverse (m/min):	30/30/30
Guideways:	Roller LMG
Tool Arm Type (No.):	30
Control:	Doosan Fanuc I Series (0i-Plus)
Programming:	EZI Guide I Conversational



DN SOLUTIONS

Made in SOUTH KOREA

1 YEAR WARRANTY

Description

Basic Specifications
• 2100, 670, 625mm X, Y, Z travels
• 2200 x 670mm table size
• 1300kg table load capacity
• 30, 30, 30m/min X, Y, Z rapid feed rates
• 150 – 775mm spindle to table
• 12,000 rpm spindle speed
• 18.5kW spindle power
• 118Nm spindle torque
• BT40 spindle taper
• Dual contact (Big Plus) spindle nose

Main Spindle
• 12,000 rpm heavy duty spindle
• 18.5kW Fanuc direct drive spindle motor
• Air blast through spindle
• Spindle oil cooler
• Spindle air curtain

Axis Motors & Drives
• Fanuc Servo Drive Amplifiers
• Fanuc high Torque direct coupled AC Digital servo motors
• Fanuc absolute position encoders (No Axes limit switches required)
• Highly rigid, precision, wide span roller 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 1.3 second tool to tool
• 30 tool bi-directional magazine
• Side mount fully enclosed tool magazine

Coolant System
• Flood coolant

• Box type screen filter
• High pressure through spindle coolant 20 bar x 20 l/min
• Fully enclosed chip & coolant shield
• 380L coolant tank & chip pan

Electrical
• Door safety interlock switch
• Heat exchanger for electrical cabinet
• Line filter
• Transformer

Swarf Removal
• Twin screw type internal chip conveyors
• Link type External chip conveyor

Operation
• Remote MPG (Portable Hand Wheel)
• Control panel with > 90° swivel
• 3 tier operation patrol lamp
• Work light
• Operating & maintenance manuals
• Electrical schematics
• Tool box

CNC Control
• Doosan Fanuc I Series (0i-Pus) CNC Controller
• Ezi Guide i Conversational software
• Fanuc 15” Colour LCD
• Rigid-synchronised tapping
• Helical interpolation
• Artificial intelligence contour control (AICC – 200 Block)
• Fine surface machining function
• Custom Macro B
• USB & PCMCIA Card Slot
• Ethernet Interface
• RS232 Interface
• Doosan Easy operation package including:
• Graphical tool table
• Self diagnostic ATC recovery
• Onboard G & M code assistance
• + 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:



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Specific Features



Doors Closed



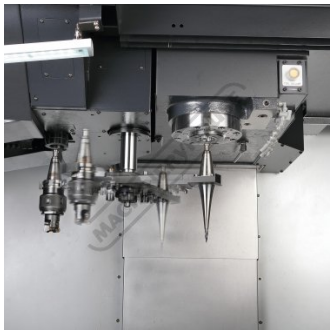
Front View



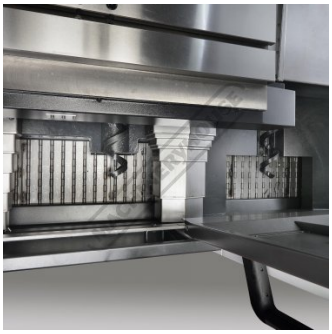
Front View Doors Closed



DNM Spindle



DNM ATC



DNM Swarf Removal System



DNM XL Work Table



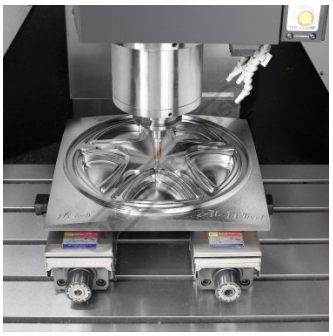
DNM Tool Storage System



DNM500II Milling



DNM Housing



DNM650II Milling