

Product Brochure For M909

Optimum CNC Milling Machine - F210TC OPTi-Mill

(X) 850mm (Y) 500mm (Z) 600mm



ORDER CODE:	M909
MODEL:	F210TC
Travel (X Axis) (mm):	850
Travel (Y Axis) (mm):	500
Travel (Z Axis) (mm):	600
Rapid Traverse (X, Y, Z Axis) (m/min):	~
Motor Torque (X & Y Axis) (Nm):	15
Motor Torque (Z Axis) (Nm):	15
Table T Slot (size/distance/number) (-):	18
Position Accuracy (mm):	0.01
Automatic toolchanger (Pockets):	~
Spindle Taper:	BT40
Spindle Speed Range (rpm):	50 - 8000
Spindle Motor Torque (Nm):	35Nm
Motor Power (kW / hp):	11 / 15
Voltage / Amperage (V / amp):	415
Dimensions (mm):	2460 x 2270 x 2650
Nett Weight (kg):	4300

OPTIMUM®



Description

Designed and Engineered in Germany the OPTIMUM CNC range is a market leader in Europe and is now available in Australia through Hare and Forbes Machinery House. Offering exceptional value for money the OPTIMUM range can have you set up for in house CNC machining at a fraction of the financial outlay previously required.

Features

- Siemens 808D CNC control
- Travel X 850mm, Y 500mm, Z 600mm
- Table Size 1050mm x 500mm
- Table load capacity 500kg
- BT40 - 8,000rpm Spindle
- 24 tool automatic tool change (Hi speed arm type)
- 3-Axis linear guide-ways
- Axis servo motor control
- Flood coolant system
- High output LED work light
- Full CE Safety enclosure with Safety PLC
- 85-685mm spindle nose to table
- Central lubrication unit

Optional Accessories

- Delivery & installations
- Training packages in Hare & Forbes Tech Centre
- BT40 tooling, vices, clamp kits, cutters

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Specific Features



Right View Doors Shut



Front View



Front View Doors Shut



Left View



Left View Doors Shut



Swivel Control Panel



Control Panel



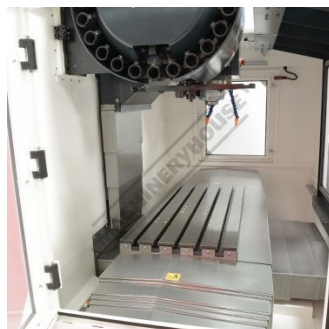
Remote Control



Close Up



Close Up Right View



Left Side View of Bed



Tool Changer



Tool Changer Arm



Tool Storage



Tool Changer Arm Side View

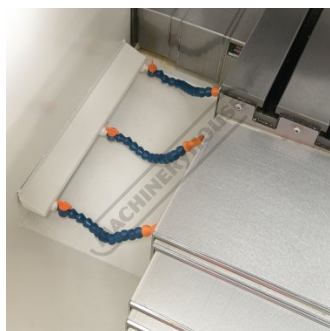


Tool Changer Top View

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Work Table



Coolant Hose



Right Side Door View Inside



Side Doors



Door Handle



Model Decals



BT Tool Holder



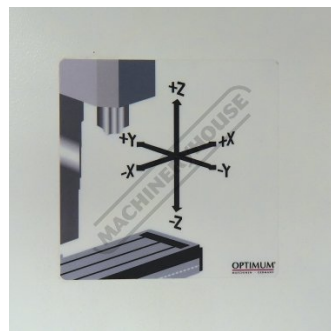
Safety Light



Left Light



Buttons



Axis Diagram



Quill with Coolant Hose



Right Light



Right View Swivel Control Panel



Front View Swivel Control Panel



Left View with Swivel Control Panel

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Recommended Accessories

M907T

BT40 CNC Starter Tooling
 Package Deal



L770

Optimum CNC Lathe



L771

Optimum CNC Lathe



T142

Pull Stud



T194

BT40-APU16-120 Drill Chuck
 BT APU Type



T220

BT40 x ER32-70 Collet Chuck



T226

BT40 x ER40-80 Collet Chuck



T204

BT40 x ER16-100 Collet Chuck



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T208

BT40 x ER20-70 Collet Chuck



T215

BT40 x ER25-100 Collet Chuck



T150

BT40-FMB22-45 Face Mill Arbor



T151

BT40-FMB22-90 Face Mill Arbor



T164

BT40-SLN12 Side Lock Holder (BT40)



T165

BT40-SLA16 Side Lock Holder (BT40)



T167

BT40-SLA20 Side Lock Holder (BT40)



T169

BT40-SLA25 Side Lock Holder (BT40)

