

Product Brochure For K8518

## CNC Milling Machine - Includes Tooling Package - F80TC Opti-Mill

Built to School Specifications  
 NSW DOE Item 30

### Please Call



OPTIMUM



ORDER CODE:	K8518
NSW DOE Item No.:	30
QLD DOE Item No.:	~
MODEL:	Schools / TAFE Opti-mill & F80TC
Digital Readout:	Siemens 808AD CNC control
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Spindle Taper:	BT40
Quill Travel / Diameter (mm):	~
Spindle to Table (mm):	~
Type of Slides:	Linear Guide-Ways
Spindle to Column (mm):	~
Table Size (mm):	800 x 260
T-Slot (mm):	16
Longitudinal Travel (X-Axis) (mm):	450
Cross Travel (Y-Axis) (mm):	260
Vertical Travel (Z-Axis) (mm):	450
Work Table Load Capacity (kg):	200
Swivel Head (Left - Right):	~
Quill Feed Rate/Rev (mm/rev):	~
Spindle Speeds (Vertical) (No. / rpm):	50 - 10000rpm
Spindle Speeds (Horizontal) (No. / rpm):	~
Motor Power (Vertical) (kW / hp):	3.3 / 4.5
Motor Power (Horizontal) (kW / hp):	~
Motor Voltage (V / amp):	415
Nett Weight (kg):	1800

### 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 808AD CNC control
- Travel X 450mm, Y 260mm, Z 450mm
- Table Size 800mm x 260mm
- Table load capacity 200kg
- BT40 - 10,000rpm Spindle
- 12 tool automatic tool change
- 3-Axis linear guide-ways
- Axis servo motor control
- Flood coolant system
- High output LED work light
- Central lubrication unit

### Safety Features

- Full CE Safety enclosure with Safety PLC

### Includes

- 3 x (T220) BT40 x ER32-70 Collet Chucks
- 2 x (T165) BT40-SLA16 Side Lock Holders (BT40)
- 1 x (T167) BT40-SLA20 Side Lock Holder (BT40)
- 1 x (T155) BT40-FMB27-45 Face Mill Arbor
- 1 x (T194) BT40-APU16-120 Drill Chuck BT APU Type
- 8 x (T142) MAS P40T 45° Pull Studs
- 1 x (C922) ER32 Collet Set - 18 Piece

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- 1 x (C932) ER32 Collet Chuck Wrench
- 1 x (T320) VTS-BT40 Tool Setting Stand
- 1 x (V365) 73mm Toolmakers vice
- 1 x (M350) 10pc Metric HSS Milling Cutter Set 4-10mm
- 1 x (C084) 1/2" Tee nuts suit 5/8" table slot

**Optional Accessories**

- Delivery & installations
- Training packages in Hare & Forbes Tech Centre

**Specific Features**



Right View



Front View Close Up



Siemens Controller



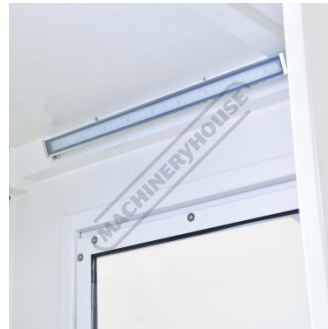
Front View



Bed Side View



Portable MPG



LED Fixed Light



Tool Changer



Spindle Coolant



Storage Draw