

Product Brochure For K8742D

HM-48B Mill Drill Machine with Digital Readout - Includes Tooling Package - QLD Schools / TAFE

(X) 670mm, (Y) 205mm, (Z) 380mm
 QLD Contract Item No. 12.2



Please Call

ORDER CODE:	K8742D
NSW DOE Item No.:	~
QLD DOE Item No.:	12.2
MODEL:	Schools / TAFE HM-48B & with Digital Readout
Digital Readout:	3-Axis DRO
Drilling Capacity (mm):	31.5
End Milling Capacity (mm):	28
Face Milling Capacity (mm):	80
Spindle Taper:	3MT
Quill Travel / Diameter (mm):	120 / 75
Spindle to Table (mm):	480
Type of Slides:	Dovetail
Spindle to Column (mm):	~
Table Size (mm):	1000 x 240
T-Slot (mm):	14
Longitudinal Travel (X-Axis) (mm):	670
Cross Travel (Y-Axis) (mm):	205
Vertical Travel (Z-Axis) (mm):	380
Work Table Load Capacity (kg):	55
Swivel Head (Left - Right):	±90°
Quill Feed Rate/Rev (mm/rev):	Manual
Spindle Speeds (Vertical) (No. / rpm):	6 (95-1650rpm)
Spindle Speeds (Horizontal) (No. / rpm):	~
Motor Power (Vertical) (kW / hp):	1.5 / 2
Motor Power (Horizontal) (kW / hp):	~
Motor Voltage (V / amp):	240 / 10
Nett Weight (kg):	450



Features

- 1000 x 240mm ground work table with T-slots
- 3-Axis digital readout system
- Dovetail column on Z-Axis with motorised headstock elevation
- X-Axis power feed with adjustable micro switch feed stops
- Powerful 2HP-240V gear driven head suitable for drilling, milling & tapping functions
- 3MT spindle with forward and reverse controls
- Manual quill feed with fine feed and adjustable depth stop
- Digital depth display with zero reset for quill
- Mill head tilts up to 90° left or 45° right
- Digital display bevel box to set head tilting
- Dovetail guideways to X, Y & Z- Axis
- Steel fabricated stand with coolant & swarf tray

Safety Features

- Emergency stop switch
- Interlocked spindle safety guard

Includes

- Heavy-Duty Steel Stand
- Halogen Lamp
- Coolant System
- Digital Bevel Box
- Slideway Covers
- Drill Chuck & Arbor
- 3MT x 2MT Adaptor

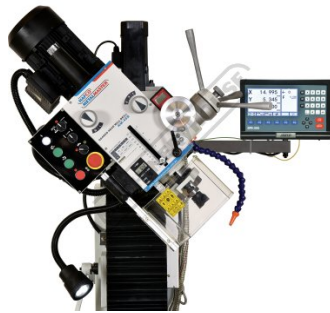
Product Brochure For K8742D

- Face Mill Cutter & Arbor
- Spindle Guard with Micro
- 1/2" x 12TPI Drawbar
- M12 x 1.75mm Drawbar
- (C0965) Workshop Series - Clamp Kit 58 piece
- (C292) Industrial Drill Chuck - $\varnothing 0.3 - \varnothing 13\text{mm}$
- (C922B) $\varnothing 6 - \varnothing 20\text{mm}$ Collet & Chuck Set - 8 Piece
- (D443) 3MT x JT6 Drill Chuck Arbor
- (L066) KYOCERA Carbide Inserts - Milling- 10 Inserts
- (M3301) Metric HSS Slot Drill & End Mill Set - 10 Piece
- (M563) FMB27-20 - Face Mill Arbor
- (M512) Face Mill 90° - Positive Rake - $\varnothing 75\text{mm}$
- (V105) Vertex K-Type Milling Vice - 127mm Jaw Width

Specific Features



Swivel Head-45 Degrees Left or Right



Mill Head Close Up



Front View



Left View



Digital Readout System



Spindle Speed Controls



Control Panel



Quill Depth Stop Gauge



Digital Readout on Quill Depth



Motorized Z Axis



Power Feed Longitudinal X Axis

Product Brochure For K8742D



Quill Feed Handle



Fine Feed Handle



Mill Head Limiter Safety Switch



Milling Cutter



Swivel Safety Guard



Large Ground Work Table with T Slots



Table Limit Switches



Table Feed Hand Wheel



Also Manual Handle Rack and Pinion Wind Up Head



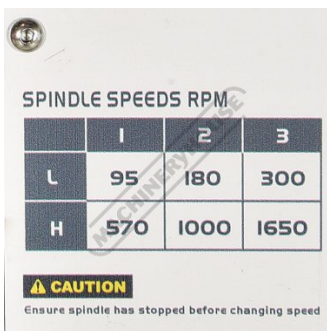
Main Switch



2HP 240V Motor



Table Coolant Return



Speed Chart



HF-14-Clamp Kit 58 Piece (C0965)



Industrial Drill Chuck-Keyless Type (C292)



3MT x ER32-Collet and Chuck Set-8 Piece (C922B)

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3MTxJT6 Drill Chuck Arbor (D443) Metric HSS Slot Drill and End Mill Set-10 Piece (M3301) 75mm x 27mm BORE Face Mill Cutter (M512) MT3x27mm Face Mill Arbor (M563)



VK 5-Vertex K Type Milling Vice (V105) L066 KYOCERA Carbide Inserts Milling 10 Inserts

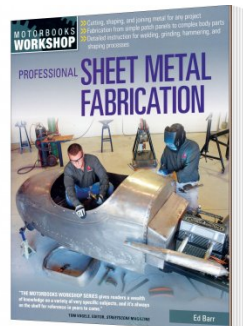
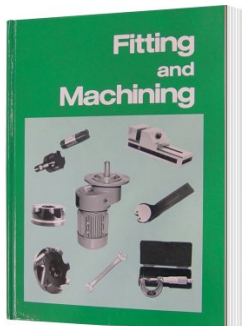
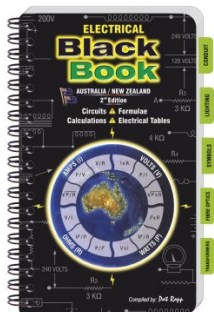
Recommended Accessories

L342
 Electrical Black Book

L341
 Fitting and Machining Technical Book

L3455
 Professional Sheet Metal Fabrication Book

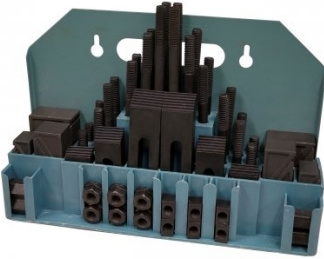
C926
 Collet & Chuck Set - 20 Piece



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C0965

Clamp Kit 58 piece - Workshop Series



C922B

Collet & Chuck Set - 8 Piece



M333

Metric HSS Slot Drill & End Mill Set - 12 Piece



M335

Imperial HSS Slot Drill & End Mill Set - 12 Piece



M3280

13mm HSS End Mill Long Series



M182

Precision Boring Head Kit



M192

Boring Head Shank



M180

Boring Bar Set - 9 piece



M250

Parallel Set - 8 Piece



M530

Universal Milling Kit - 4 Piece



M562

Face Mill Arbor



M515

Face Mill 45° - Super High-Rake



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L065
 KYOCERA Carbide Inserts -
 Milling



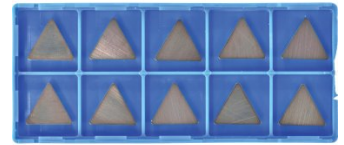
M528
 Face Mill 90° - Positive Rake



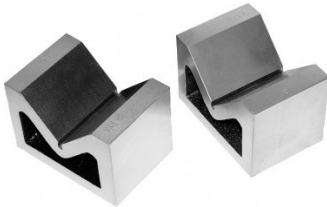
M529
 Face Mill 90° - Positive Rake



L066
 KYOCERA Carbide Inserts -
 Milling



V004
 Cast Iron Vee Block



V105
 Vertex K-Type Milling Vice



R006
 Vertex Rotary Table



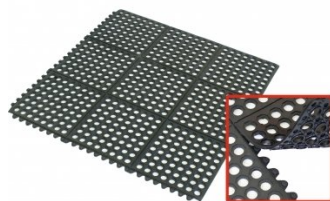
P235
 Coolant Pump & Tank



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



S090A
 Soluble Metal Cutting Fluid - 1
 Litre



S090
 Soluble Metal Cutting Fluid - 5
 Litre



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S076

Cutting Tool Lubricant Fluid - 500ml



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

