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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):	385
Work Table Load Capacity (kg):	55
Swivel Head (Left - Right):	±90º
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 90º left or 45º right
- Digital display bevel box to set head tilting
- Dovetail guideways to X, Y & Z- Axis
- Steel fabricated stand with coolant & swarf tray

- * Note: X & Y travels maybe reduced due to digital readout scales and safety stops

Safety Features

- Emergency stop switch
- Interlocked spindle safety guard

Includes

- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
- Heavy duty fabricated stand with coolant & swarf collection tray
- Coolant system
- LED work light
- Digital depth display

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- Digital tilting head gauge
- Drill chuck & arbor
- Drill sleeve – 3MT – 2MT
- Face cutter & arbor
- Interlocked spindle safety guard
- 1/2" x 12TPI drawbar
- M12 x 1.75mm drawbar
- (C0965) Workshop Series -Clamp Kit 58 piece
- (C292) Industrial Drill Chuck - Ø0.3 - Ø13mm
- (C922B) Ø6 - Ø20mm 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 90º - Positive Rake - Ø75mm
- (V105) Vertex K-Type Milling Vice - 127mm Jaw Width

Specific Features



C292 Industrial Drill Chuck Keyless Type



C922B Collet Chuck Set 8 Piece 3MT x ER32



D443 3MT x JT6 Drill Chuck Arbor



L066 KYOCERA Carbide Inserts Milling TPMN 160308 KMA



M512 Face Mill 90 Positive Rake MS75T



M563 Face Mill Arbor MT3 FMB27 20



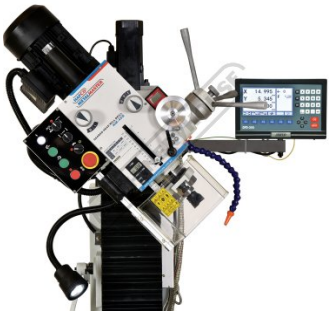
M3301 Metric HSS Slot Drill and End Mill Set 10 Piece



V105 Vertex K Type Milling Vice VK 5



Swivel Head 45 Degrees Left or Right



45 Degrees To Right



Mill Head Close Up



Front View

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Product Brochure For K8742D


Left View



Digital Readout System



Spindle Speed Controls


Control Panel



Quill Depth Stop Gauge



Digital Readout on Quill Depth


Motorized Z Axis


Power Feed Longitudinat X Axis


Quill Feed Handle


Fine Feed Handle


Mill Head Limiter Safety Switch


Milling Cutter


Swivel Safety Guard


Large Ground Work Table with T Slots

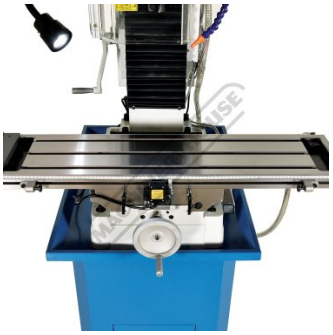

Table Limit Switches


Table Feed Hand Wheel

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Also Manual Handle Rack and Pinion Wind Up Head



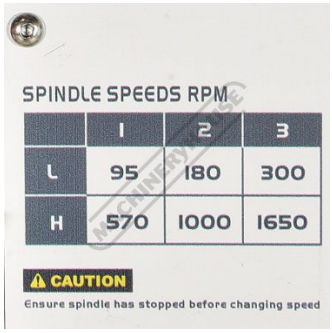
Main Switch



2HP 240V Motor



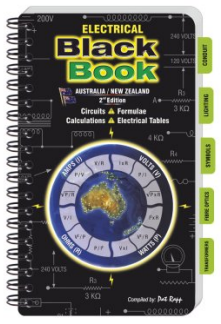
Table Coolant Return



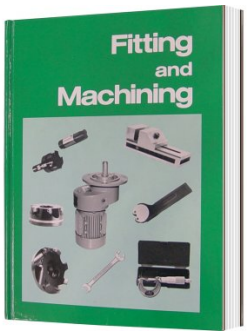
Speed Chart

Recommended Accessories

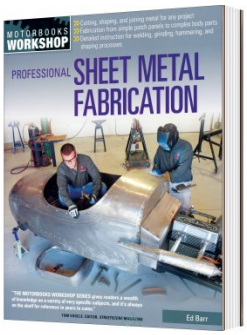
L342
Electrical Black Book



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



C926
Collet & Chuck Set - 20 Piece



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Product Brochure For K8742D

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 - 3 Piece with INSERTS



M562
Face Mill Arbor



M515
Face Mill 45º - Super High-Rake



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Product Brochure For K8742D

L065
KYOCERA Carbide Inserts - Milling



M528
Face Mill 90º - Positive Rake



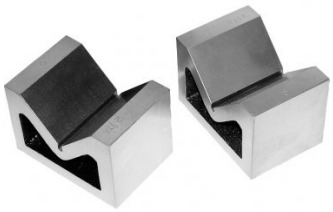
M529
Face Mill 90º - Positive Rake



L066
KYOCERA Carbide Inserts - Milling



V004
Cast Iron Vee Block



V105
Vertex K-Type Milling Vice



R006
Vertex Rotary Table



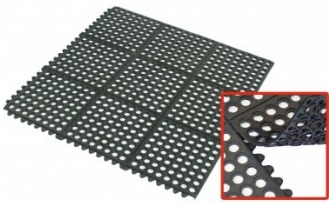
P235
Coolant Pump & Tank



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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Product Brochure For K8742D

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

