

Product Brochure For K8741D

HM-47B Mill Drill Machine with Digital Readout - Includes Tooling Package - QLD Schools / TAFE

Table Travel: (X) - 540mm (Y) - 205mm (Z) - 385mm



Please Call

ORDER CODE:	K8742D
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	Schools / TAFE HM-47B & 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):	800 x 240
T-Slot (mm):	14
Longitudinal Travel (X-Axis) (mm):	540*
Cross Travel (Y-Axis) (mm):	205*
Vertical Travel (Z-Axis) (mm):	385
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 - 1650)
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):	430



Features

- 800 x 240mm ground work table with T-slots
- 3-Axis digital readout counter fitted with 2-Axis X & Y scales only
- Dovetail column on Z-Axis with rack and pinion wind-up head
- 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
- Face Mill Cutter & Arbor
- Spindle Guard with Micro

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- 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
- (D442) 2MT 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 - Ø75mm
- (V105) Vertex K-Type Milling Vice - 127mm Jaw Width

Specific Features



Swivel Head 45 Degrees Left or Right 45 Degrees To 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



Quill Feed Handle



Fine Quill Feed Hand Wheel

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Tilting Head Scale



Milling Cutter



Swivel Safety Guard



Large Ground Work Table with T Slots



Table Limit Switches



Table Feed Hand Wheel



Rack and Pinion Wind Up Head



2HP 240V Motor



Main Switch

SPINDLE SPEEDS RPM			
	1	2	3
L	95	180	300
H	570	1000	1650

CAUTION
 Ensure spindle has stopped before changing speed

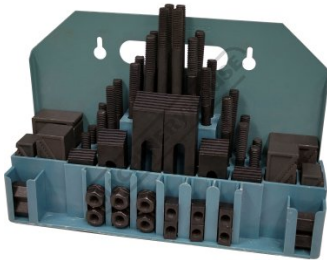
Speed Chart



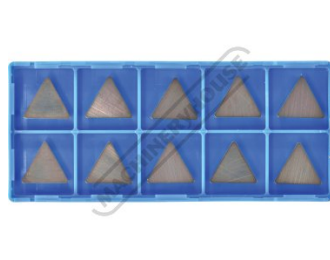
C292 Industrial Drill Chuck 0.3 13mm



C922B 6 20mm Collet Chuck Set



C0965 Workshop Series Clamp Kit 58 piece



L066 KYOCERA Carbide Inserts Milling 10 Inserts



M512 Face Mill 90 Positive Rake 75mm



M563 FMB27 20 Face Mill Arbor

Product Brochure For K8741D



M3301 Metric HSS Slot Drill End Mill Set D442 2MTxJT6 Drill Chuck Arbor V105 Vertex K Type Milling Vice 127mm Jaw Width

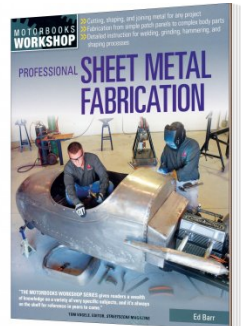
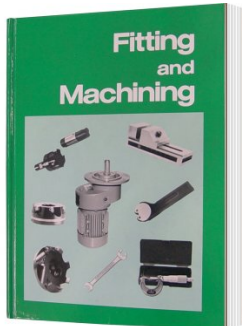
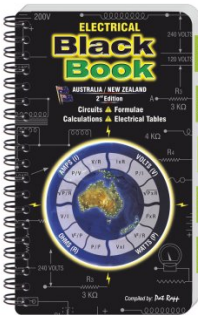
Recommended Accessories

L342
 Electrical Black Book

L341
 Fitting and Machining Technical Book

L3455
 Professional Sheet Metal Fabrication Book

C926
 Collet & Chuck Set - 20 Piece



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



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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



L065
 KYOCERA Carbide Inserts - Milling



M528
 Face Mill 90° - Positive Rake



M529
 Face Mill 90° - Positive Rake

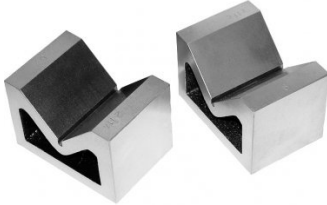


L066
 KYOCERA Carbide Inserts - Milling



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V004
 Cast Iron Vee Block



V105
 Vertex K-Type Milling Vice



R006
 Vertex Rotary Table



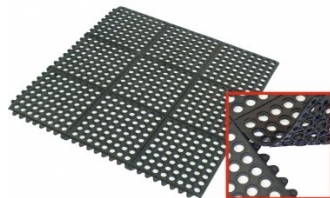
P235
 Coolant Pump & Tank



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



S090A
 Soluble Metal Cutting Fluid - 1 Litre



S090
 Soluble Metal Cutting Fluid - 5 Litre



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



Product Brochure For K8741D

O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

