

Product Brochure For K8244

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

(X) 540mm (Y) 185mm (Z) 410mm



Please Call

ORDER CODE:	K8244
NSW DOE Item No.:	~
QLD DOE Item No.:	~
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):	76
Spindle Taper:	3MT
Quill Travel / Diameter (mm):	120 / 75
Spindle to Table (mm):	480
Type of Slides:	Dovetail
Spindle to Column (mm):	273
Table Size (mm):	820 x 240
T-Slot (mm):	14
Longitudinal Travel (X-Axis) (mm):	540
Cross Travel (Y-Axis) (mm):	185
Vertical Travel (Z-Axis) (mm):	410
Work Table Load Capacity (kg):	60
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):	430



Features

- 3 Axis digital readout system
- Gear driven head with 6 speeds
- Dovetail vertical Z-Axis
- Pendant control with swivel arm
- Digital tilting head gauge
- Tilting head to ±90° from vertical with digital display
- Large 820 x 240mm ground work table with T-slots
- Adjustable leadscrew nuts eliminating backlash on both axis
- Fine feed hand wheel operating quill feed
- Motorised head for Z-Axis travel
- Forward and reverse on/off switch
- 3MT spindle with 75mm diameter lockable quill
- Adjustable table and drill length stops
- Metric dial graduations @ 0.05mm for X & Y-Axis
- Rear slide-way cover and slide clamps on all axis
- Table lock on both axis
- Heavy duty machine stand with coolant tray

Safety Features

- Interlocked spindle safety guard
- Emergency stop switch
- Magnetic NVR on/off switch
- Keyed isolation switch - PWD approved
- Test and tag certificate on 240V lead

Includes

- 3-Axis digital readout system

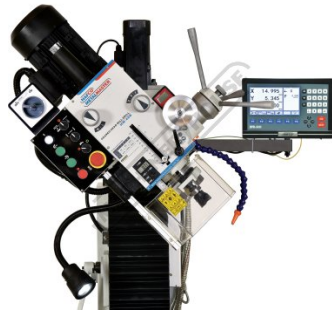
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- Heavy duty machine stand with swarf tray
- Coolant system
- Digital tilting head gauge
- LED work light
- 3MT x ER32 collet chuck set (C922B)
- 100mm tilting drill press vice (V114)
- 13mm keyless drill chuck (C292)
- 3MT x JT6 drill chuck arbor (D443)
- Ø50mm x 90° face mill (M510)
- MT3 - FMB22-20 face mill arbor (M562)
- Milling inserts (10 Inserts Per Pack) (L066)
- 10pc Metric HSS milling cutter set 4-10mm (M350)
- Digital tilting head gauge
- M12 x 1.75mm drawbar
- 1/2" x 12TPI drawbar

Specific Features



Swivel Head 45 Degrees Left or Right



45 Degrees To Left



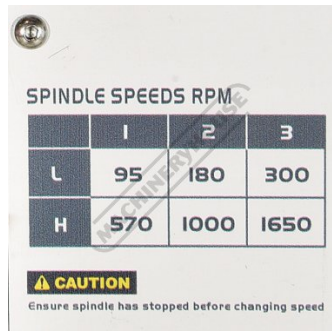
Mill Head Close Up



Digital Readout System



Spindle Speed Controls



Speed Chart



Control Panel



Quill Depth Stop Gauge



Digital Readout on Quill Depth



Motorized Z Axis



Quill Feed Handle



Fine Feed Handle

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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



Table Coolant Return



2HP 240V Motor



Key Lockable Switch



3MT x ER32 collet chuck set (C922B)



100mm Tilting Drill Press Vice (V114)



13mm Keyless Drill Chuck (C292)



3MT x JT6 Drill Chuck Arbor (D443)



50mm x 90 Face Mill (M510)



MT3-FMB22 20 Face Mill Arbor (M562)

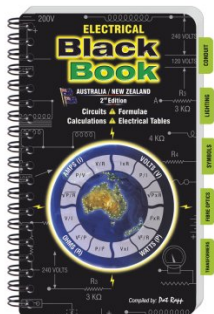
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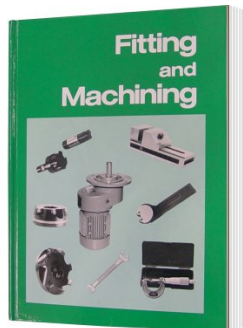
Milling Inserts - 10 Inserts Per Pack (L066) 10pc-Metric-HSS-Milling-Cutter-Set-4-10mm (M350)

Recommended Accessories

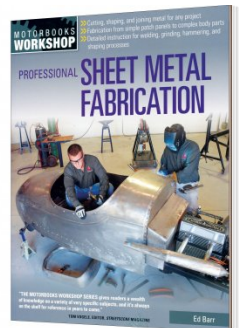
L342
 Electrical Black Book



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

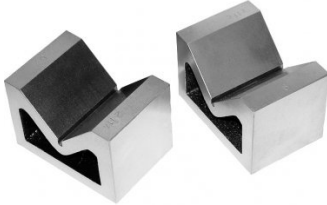


L066
 KYOCERA Carbide Inserts - Milling



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V004
 Cast Iron Vee Block



V105
 Vertex K-Type Milling Vice



R006
 Vertex Rotary Table



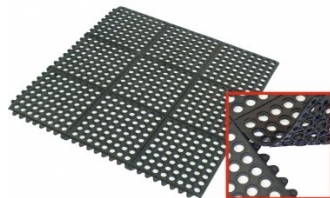
P235
 Coolant Pump & Tank



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



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O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

