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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):	±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):	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 ±90º 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

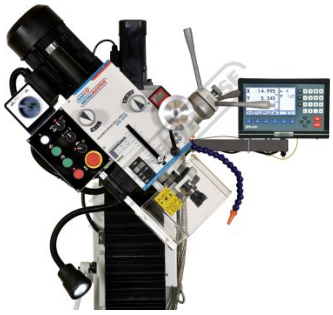
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- Heavy duty machine stand with swarf tray
- Coolant system
- Digital tilting head gauge
- LED work light
- 3MT x ER32 collet chuck set (C922B)
- 100mm tilting drill press vice (V114)
- 13mm keyless drill chuck (C292)
- 3MT x JT6 drill chuck arbor (D443)
- Ø50mm x 90º 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

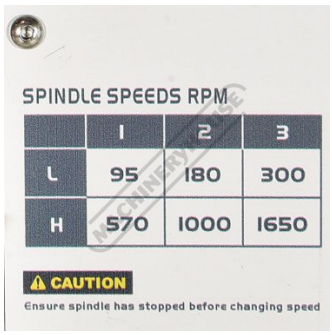

Mill Head Close Up



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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Product Brochure For K8244


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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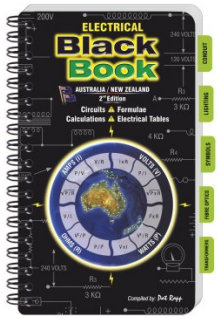
Milling Inserts - 10 Inserts Per Pack (L066)



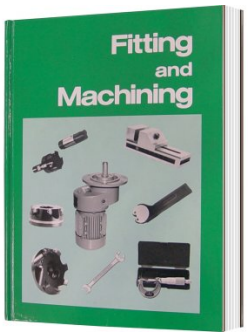
10pc-Metric-HSS-Milling-Cutter-Set-4-10mm (M350)

Recommended Accessories

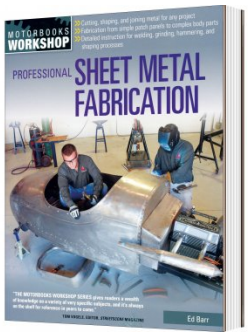
L342
Electrical Black Book



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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Product Brochure For K8244

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



L065
KYOCERA Carbide Inserts - Milling



M528
Face Mill 90º - Positive Rake



M529
Face Mill 90º - Positive Rake



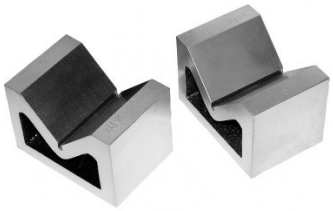
L066
KYOCERA Carbide Inserts - Milling



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Product Brochure For K8244

V004
Cast Iron Vee Block



V105
Vertex K-Type Milling Vice



R006
Vertex Rotary Table



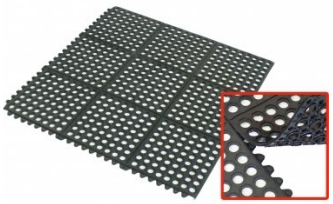
P235
Coolant Pump & Tank



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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Product Brochure For K8244

O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

