

Product Brochure For M126

Mill Drill - Geared & Tilting Head - HM-48

Table Travel: (X) - 540mm (Y) - 185mm (Z) - 410mm

Dovetail Vertical Column



ORDER CODE:	M126
MODEL:	HM-48
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	820 x 240
Column Type:	Dovetail
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	540
Cross Travel (Y-Axis) (mm):	185
Vertical Travel (Z-Axis) (mm):	410
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	490
Spindle to Base:	~
Spindle Travel / Diameter (mm):	120 / 75
Throat Depth (max.) (mm):	273
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	31.5
End Milling Capacity (mm):	28
Face Milling Capacity (mm):	80
Power Feed - Quill (mm/rev):	~
Power Feed - Longitudinal (X-Axis) (mm/min):	Yes
Power Feed - Cross (Y-Axis) (mm/min):	~
Power Feed - Vertical (Z-Axis) (mm/min):	~
Table T-Slot Size (inch / mm):	14
Work Table Load Capacity (kg):	55
Spindle Speeds Vertical (No./ rpm):	6 (95 - 1600)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	1.5 / 2
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	430

Features

- Gear driven head with 6 speeds
- Dovetail vertical Z-Axis
- Pendant control with swivel arm
- Mill head tilts 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
- Digital depth display with zero reset for quill (Includes LR44 battery)
- Digital tilting head gauge
- Longitudinal X-Axis power 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 cast iron stand with coolant tray

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- Includes coolant system, swarf tray & work light

Includes

- Cast iron stand
- Coolant system
- X-Axis power feed unit
- Motorised vertical head motor
- Halogen light
- Digital depth display
- Digital tilting head gauge
- Drill chuck & arbor
- Face cutter & arbor
- Safety cutter guard

Specific Features



Left View



Tilting Head



Control Panel



Digital Tilting Head Gauge



Milling Head & Quill Handle



Digital Readout on Quill Depth



Spindle Speed Controls

SPINDLE SPEEDS (r/min)				
	I-L	I-M	I-H	
50Hz	95	170	280	
	II-L	II-M	II-H	
50Hz	540	960	1600	

Speed Chart



Power Feed X Axis



Vertical Power Feed Motor



Manual Vertical Fine Feed Handle



Table Limit Switch

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Motorised Head Safety Lock



Aluminum Motor



Swivel Head Adjustment



Dovetail Slide



Quill Depth Stop Gauge



Height Micro Limit Switch



Dial Graduations



Keyed Drill Chuck



Halogen Light



Flexible Coolant Hose



On Off Switch



Drawbar



Includes These Accessories

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Recommended Accessories

D695

3-Axis Optimum Digital Readout Counter - 1µm



D694

1500mm Optimum Magnetic Digital Readout Scale



M230

Power Feed Unit



M240

Transformer



C0965

Clamp Kit 58 piece - Workshop Series



C922B

Collet & Chuck Set - 8 Piece



C926

Collet & Chuck Set - 20 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



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M3321

Imperial HSS Slot Drill & End Mill Set - 10 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



L065

KYOCERA Carbide Inserts - Milling



M528

Face Mill 90° - Positive Rake



M529

Face Mill 90° - Positive Rake



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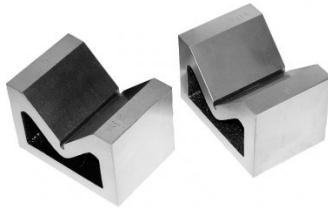
L066

KYOCERA Carbide Inserts -
Milling



V004

Cast Iron Vee Block



V105

Vertex K-Type Milling Vice



R006

Vertex Rotary Table



P235

Coolant Pump & Tank



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



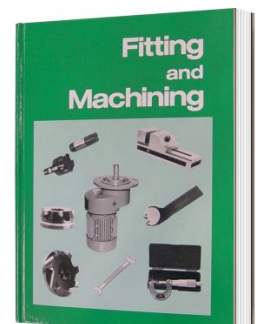
S074

Cutting Tool Lubricant Paste -
500g



L341

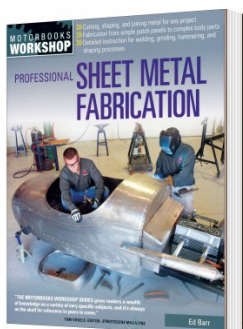
Fitting and Machining Technical
Book



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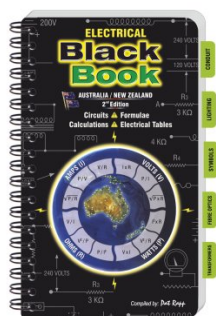
L3455

Professional Sheet Metal
Fabrication Book



L342

Electrical Black Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



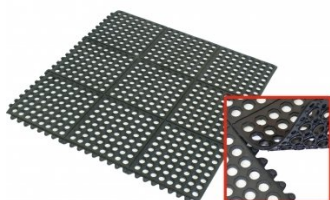
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

