

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



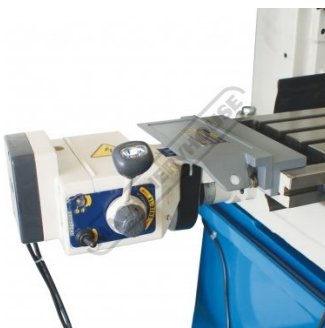
Digital Readout on Quill Depth



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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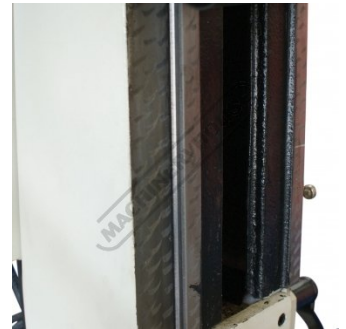
Motorised Head Safety Lock



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



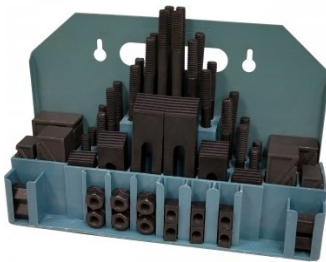
M230
 Power Feed Unit



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

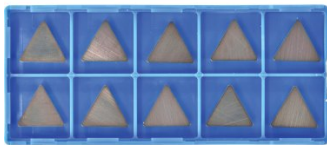


M529
 Face Mill 90° - Positive Rake

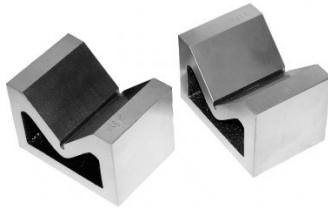


Product Brochure For M126

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



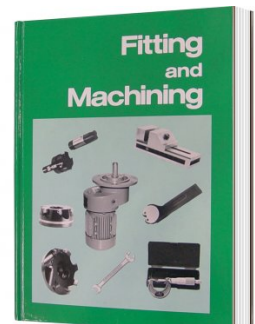
S075
 Cutting Tool Lubricant Paste -
 200g



S074
 Cutting Tool Lubricant Paste -
 500g

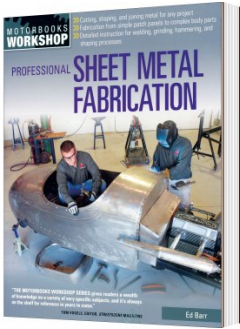


L341
 Fitting and Machining Technical
 Book

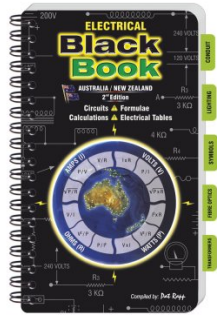


Product Brochure For M126

L3455
 Professional Sheet Metal
 Fabrication Book



L342
 Electrical Black Book



L300
 Magnetic Swarf Remover



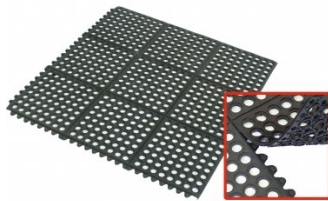
M9991
 Magnetic Floor Sweeper



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

