

Product Brochure For M126D

Mill Drill - Geared & Tilting Head with Digital Readout System - HM-48

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

Includes Digital Readout System, Dovetail Column, Power Feed & Stand



| | |
|--|------------------------|
| ORDER CODE: | M126D |
| MODEL: | HM-48 |
| Digital Readout: | 3-Axis Digital Readout |
| 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

- 3 Axis digital readout system
 - Gear driven head with 6 speeds
 - Dovetail vertical Z-Axis
 - Digital tilting head gauge
 - 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)
 - 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 fabricated stand with coolant tray

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- Includes stand, coolant system, swarf tray, drill chuck & arbor, face mill cutter & arbor & work light
- * Note: X, Y & Z travels maybe reduced due to digital readout scales and safety stops

Includes

- 3 Axis digital readout system
- Heavy duty fabricated stand
- Coolant system
- X-Axis power feed unit
- Motorised vertical head motor
- Digital depth display
- Digital tilting head gauge
- Halogen light
- Drill chuck & arbor
- Face mill cutter & arbor
- Safety cutter guard
- Machine stand
- 1/2" x 12TPI drawbar

Specific Features



Front View



Left View



Rear View



Right View Close up



Front View Close Up



Left View Close Up



Left Side View



Right Side View



Swivel Head 45 Degrees



Swivel Head 45 Degrees Front View



3 Axis Digital Readout



Control Panel

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Swivel Head Scale



Swivel Head Digital Angle Scale



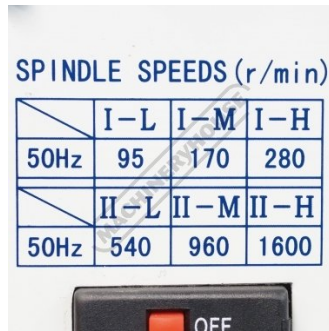
Spindle Speed Controls



Quill Depth Stop Gauge



Digital Readout On Quill Depth



Spindle Speeds Chart



Quill Handle



Flexible Coolant Hose



Vertical Axis Limit Switch



Motorised Vertical Axis



Table Feed Hand Wheel



Power Feed X Axis



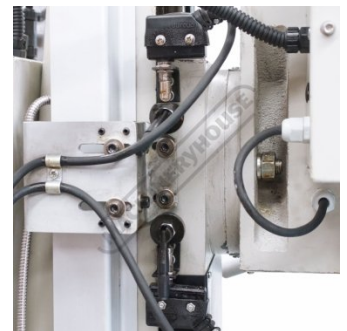
Table Limit Switches



Work Table



Digital Readout Scales

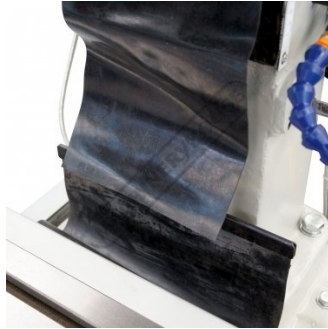


Vertical Axis Locks & Limit Micro Switches

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Vertical Axis Dovetail Slide



Slide Covers



Drawbar



Drawbar Cover



Includes Milling Cutter



Work Light



Safety Cutter Guard



Coolant System



Coolant Return Drain Hose



Includes Drill Chuck & Arbor, Milling Cutter, Digital Angle Gauge & Tools

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Recommended Accessories

C0965

Clamp Kit 58 piece - Workshop Series



K150

Mill-Drill Accessory Package Deal - Imperial Cutters



K151

Mill-Drill Accessory Package Deal - Metric Cutters



C922B

Collet & Chuck Set - 8 Piece



C926

Collet & Chuck Set - 20 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



M3280

13mm HSS End Mill Long Series



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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



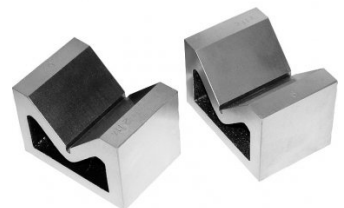
M529
 Face Mill 90° - Positive Rake



L066
 KYOCERA Carbide Inserts - Milling



V004
 Cast Iron Vee Block



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V105
 Vertex K-Type Milling Vice



R006
 Vertex Rotary Table



P235
 Coolant Pump & Tank



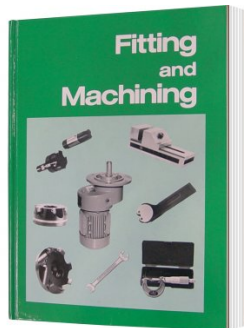
S090A
 Soluble Metal Cutting Fluid - 1 Litre



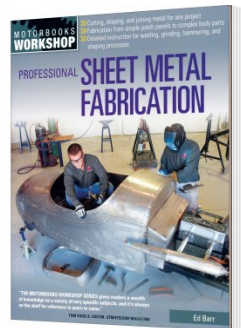
S090
 Soluble Metal Cutting Fluid - 5 Litre



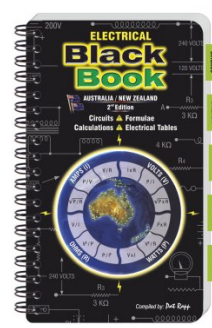
L341
 Fitting and Machining Technical Book



L3455
 Professional Sheet Metal Fabrication Book



L342
 Electrical Black Book



L300
 Magnetic Swarf Remover



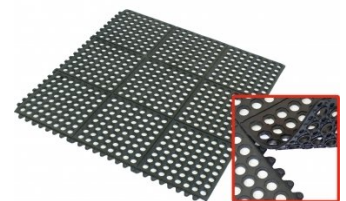
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



Product Brochure For M126D

O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

