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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): | ±90º |
| 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 ±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
- 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



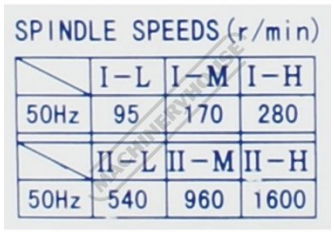
Milling Head & Quill Handle



Digital Readout on Quill Depth



Spindle Speed Controls



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

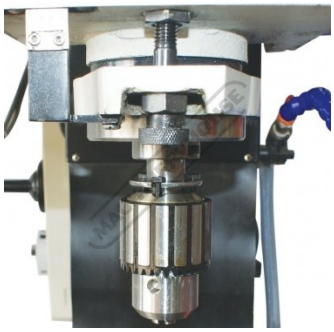

Dovetail Slide



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 - 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



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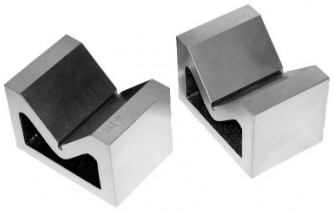
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# Product Brochure For M126

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



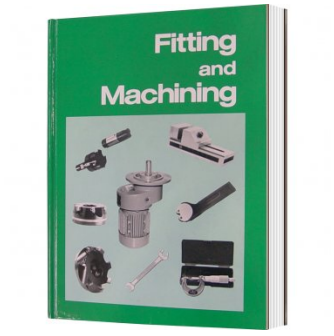

S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



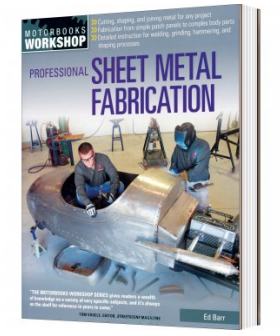

S074
Cutting Tool Lubricant Paste - 500g




L341
Fitting and Machining Technical Book




L3455
Professional Sheet Metal Fabrication Book

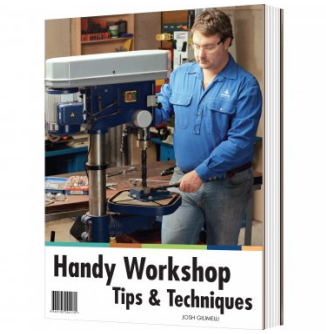


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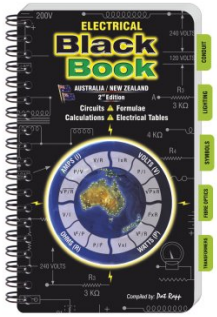
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# Product Brochure For M126

L345
Handy Workshop Tips & Techniques - 1st Edition




L342
Electrical Black Book




L300
Magnetic Swarf Remover



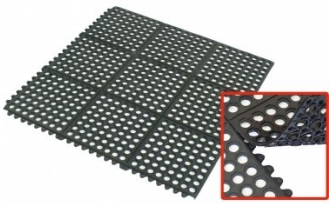
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O044
Rust & Corrosion Preventive

