

## Product Brochure For M150

### Mini Mill Drill - Tilting Head - HM-10 (SIEG X2)

Table Travel: (X) - 225mm (Y) - 100mm (Z) - 185mm

Dovetail Vertical Column



ORDER CODE:	M150
MODEL:	HM-10
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	385 x 93
Column Type:	Dovetail
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	225
Cross Travel (Y-Axis) (mm):	100
Vertical Travel (Z-Axis) (mm):	185
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	280
Spindle to Base:	~
Spindle Travel / Diameter (mm):	Fixed
Throat Depth (max.) (mm):	160
Tilting Head (Left ~ Right):	±45°
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	13
End Milling Capacity (mm):	16
Face Milling Capacity (mm):	30
Power Feed - Quill (mm/rev):	~
Power Feed - Longitudinal (X-Axis) (mm/min):	~
Power Feed - Cross (Y-Axis) (mm/min):	~
Power Feed - Vertical (Z-Axis) (mm/min):	~
Table T-Slot Size (inch / mm):	12
Work Table Load Capacity (kg):	25
Spindle Speeds Vertical (No./ rpm):	Variable (100 - 2500)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	0.35 / 0.5
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	60

### Description

Excellent quality mini mill drill machine designed for the model engineer

### Features

- The HM-10 mini mill drill is powered by a 350W (1/2hp) electronic variable speed motor
- Mill head tilts to ±45° both directions
- Heavy duty cast iron body and base for better stability
- All slides utilise dovetail construction for maximum rigidity
- Precision machined work table
- 2-speed gearbox (high/low) drive system to maximise torque
- Ground work table with T-slots
- Concertina slide-way covers
- Spring assisting milling head return
- Vertical micro feed dial 0.025mm
- Metric dial graduations 0.02mm

### Includes

— 13mm keyed drill chuck

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- 3MT Arbor
- Set of spanners to suit
- Safety cutter guard

**Specific Features**



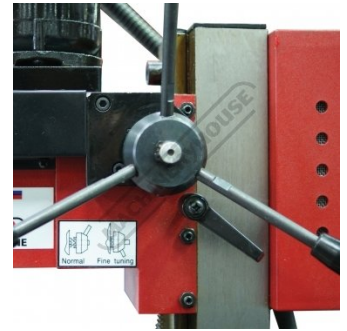
Electronic variable speed system



Switch Box



Head Right View



9 Quill Handle



Head Controls



Head Left View



Chuck Guard



Fine Adjustment Dial



Low High Speed Lever



Vertical Height reading



Milling head Tilts 45 Degrees both directions



Sliding Lock



Milling table

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**Recommended Accessories**

**T773**  
Industrial Mobile Tooling  
Cabinet Workstation



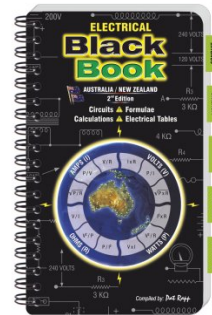
**L300**  
Magnetic Swarf Remover



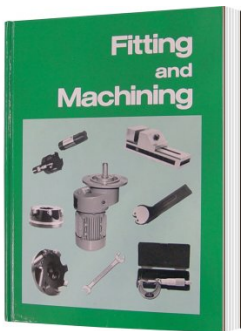
**M9991**  
Magnetic Floor Sweeper



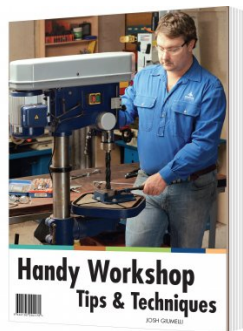
**L342**  
Electrical Black Book



**L341**  
Fitting and Machining Technical  
Book



**L345**  
Handy Workshop Tips &  
Techniques - 1st Edition



**L3455**  
Professional Sheet Metal  
Fabrication Book



**C926**  
Collet & Chuck Set - 20 Piece

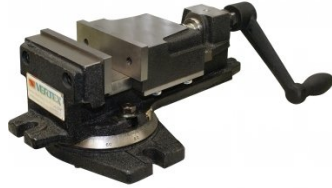


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**C922B**  
Collet & Chuck Set - 8 Piece



**V104**  
Vertex K-Type Milling Vice



**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



**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



**M528**  
Face Mill 90° - Positive Rake

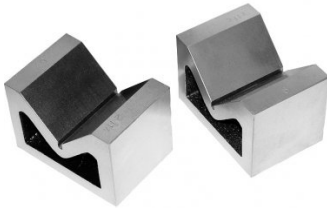


**L066**  
KYOCERA Carbide Inserts - Milling



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V004  
Cast Iron Vee Block



R001  
Rotary Table



R0014  
Tilting Rotary Table



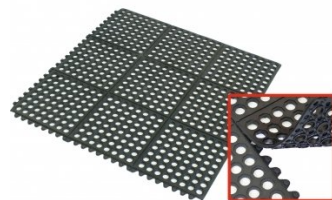
P235  
Coolant Pump & Tank



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



S090A  
Soluble Metal Cutting Fluid - 1 Litre



S090  
Soluble Metal Cutting Fluid - 5 Litre



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

