

Product Brochure For D181B

Workshop 3MT Geared & Tilting Head Mill - Drill - DMF-42

Ø31.5mm Drilling Capacity
 (X) 370mm (Y) 175mm (Z) 780mm



ORDER CODE:	D181B
MODEL:	DMF-42
Drilling Capacity (mm):	Ø31.5
Thread Tapping Capacity (Metric):	~
Spindle Taper (MT):	3
Spindle Travel (mm):	120
Throat Depth (mm):	250
Quill Diameter (mm):	75
Column Diameter (mm):	115
Spindle To Table (mm):	780
Spindle To Base (mm):	1300
Table (Type):	Rectangle, X & Y-Axis
Table Size (mm):	585 x 190
T-Slot Size (mm):	14
Automatic Quill Feed (mm/rev):	~
Work Light (Includes):	~
Coolant System (Includes):	~
Spindle Speed Steps (No.):	6
Spindle Speed Range (rpm):	95 ~ 1600
Motor Power (kW / hp):	1.1 / 1.5
Voltage / Amperage (V / amp):	240 / 10
Full Height (mm):	2120
Nett Weight (kg):	350

Features

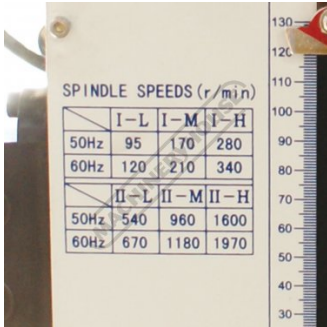
- Ideal for home or light industrial workshop use
- Geared head drill & mill machine with 3 morse taper spindle
- 6 drilling speeds from 95-1600rpm
- Micro down feed adjustment
- Mill head tilts to ±90°
- Milling table travels 370 x 175mm
- Swivel safety drilling chuck guard
- Emergency stop switch and overload protection
- Adjustable accurate depth setting for increased productivity
- Rack and pinion wind-up table
- Rack and pinion wind-up drill head
- Thick walled column ensuring greater rigidity
- Concertina slide way cover on y axis
- Adjustable gibs on table
- 14mm T slotted work table and base
- 1.1kW 240V motor
- Includes drawbar for milling

Includes

- Milling cutter
- 16mm keyed drill chuck and arbor
- Chuck key to suit
- Drill drift tool to remove drill chuck or taper shank drills
- Safety cutter guard

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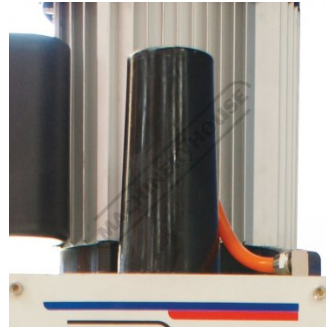
Specific Features



6 Drilling Speeds from 95 1600rpm



Gear Selection Levers



Draw Bar for Milling



Emergency Stop Switch and Overload Protection



Front Controls



Swivel Safety Drilling Chuck Guard



Adjustable Accurate Depth Setting For Increased Productivity



Quill Handle



Rack and Pinion Wind Up Drill Head



Swivel Head



Table Cross Travel Handle



Table Longitudinal Travel Handle



T Slotted Base



Rack and Pinion Wind Up Table



T Slotted Work Table



Included Parts

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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



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



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S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



D322

3MT Morse Taper Shank Drill Bit



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



M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



D1171

Metric Industrial HSS Reduced Shank Drill Set



D1181

Imperial Industrial HSS Reduced Shank Drill Set



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D117

Metric HSS Reduced Shank Drill Set



D4433

3MT x JT3 Drill Chuck Arbor - 1/2" BSW Threaded Shank



D4436

3MT x JT6 Drill Chuck Arbor - 1/2" BSW Threaded Shank



C289

Heavy Duty Drill Chuck - Keyed Type



C290

Heavy Duty Drill Chuck - Keyed Type



C292

Industrial Drill Chuck - Keyless Type



C294

Industrial Drill Chuck - Keyless Type



T004B

Tapping Chuck - Fixed



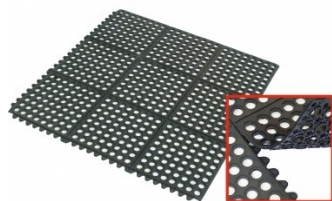
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



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O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

