

## Product Brochure For D181

# Pedestal Mill Drill - Geared & Tilting Head - DMF-42

Table Travel: (X) - 370mm (Y) - 175mm (Z) - 780mm

Includes Tapping Function



ORDER CODE:	D181
MODEL:	DMF-42
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	585 x 190
Column Type:	Ø115mm
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	370
Cross Travel (Y-Axis) (mm):	175
Vertical Travel (Z-Axis) (mm):	780
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	780
Spindle to Base:	1300
Spindle Travel / Diameter (mm):	120 / 75
Throat Depth (max.) (mm):	250
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):	Optional
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):	12 (95 - 3200)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	1.1 / 1.5
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	350

## Features

- Ideal for home or light industrial workshop use
- Geared head drill & mill machine with 3 morse taper spindle
- 12 drilling speeds from 95-3200rpm
- Tapping function M12 capacity
- 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 415V motor
- Includes drawbar for milling

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### 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

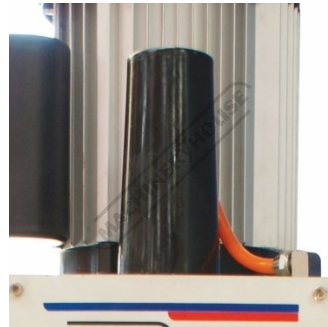
### Specific Features

SPINDLE SPEEDS (r/min)			
MOTOR	I-L	I-M	I-H
LOW	95	170	280
HIGH	190	340	560
MOTOR	II-L	II-M	II-H
LOW	540	960	1600
HIGH	1080	1920	3200

12 Drilling Speeds from 95 3200rpm



Gear Selection Levers



Drawbar for Milling



Emergency Stop Switch and Overload Protection and Tapping Function



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

Product Brochure For D181



T Slotted Base



Rack and Pinion Wind Up Table



T Slotted Work Table



Included Parts

Recommended Accessories

M230  
Power Feed Unit



M240  
Transformer



L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



C0965  
Clamp Kit 58 piece - Workshop Series



D322  
3MT Morse Taper Shank Drill Bit



C926  
Collet & Chuck Set - 20 Piece



C922B  
Collet & Chuck Set - 8 Piece



Product Brochure For D181

**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



**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  
 Type

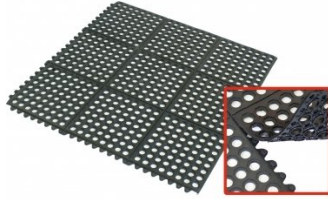


Product Brochure For D181

**M800**  
 Rubber Mat - Anti-Fatigue



**M805**  
 Rubber Mat - Anti-Fatigue



**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



**O000**  
 SpillFix Universal Organic  
 Absorbent



**O043**  
 Rust & Corrosion Preventive



**O042**  
 General Purpose Lubricant &  
 Corrosion Inhibitor



**O040**  
 Rust & Corrosion Preventive



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O044

Rust & Corrosion Preventive

