

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

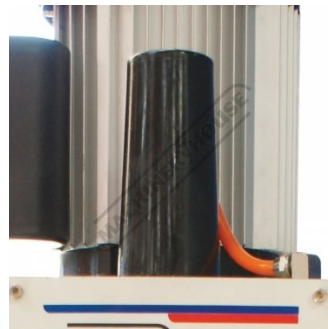
Specific Features

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

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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

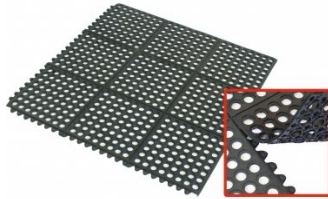


Product Brochure For D181

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



Product Brochure For D181

O044

Rust & Corrosion Preventive

