

Product Brochure For D165A

Radial Arm Drill - Z3040

Ø40mm Drilling Capacity
340 - 1000mm Spindle To Column



ORDER CODE:	D165A
MODEL:	Z3040
Drill Capacity (mm):	Ø40
Thread Tapping Capacity:	M22
Spindle Taper (MT):	4
Spindle Travel (mm):	240
Quill Diameter (mm):	70
Spindle To Column (min-max) (mm):	340 - 1000
Spindle To Box Table (max) (mm):	505
Spindle To Base (max) (mm):	860
Table Type:	Square
Box Table Size (LxWxH) (mm):	400 x 400 x 360
T-slot Size (mm):	16
Automatic Quill Feed (mm/rev):	(0.1, 0.16, 0.25)
Work Light:	Yes
Coolant System:	Yes
Spindle Speed Steps (No.):	6
Spindle Speed Range (rpm):	75 - 1220
Motor Power (kW / hp):	1.5 / 2
Motor Voltage (V):	415
Nett Weight (kg):	1450

Features

- Motorised up/down arm & forward/reverse spindle direction
- 3 Speed auto down-feed: 0.1, 0.16, 0.25(mm/rev)
- Coolant pump system with flexible hose
- Work light mounted underneath arm providing direct light on work piece
- Heavy duty tee-slotted work table
- Oil-bath lubricated gear drive
- Micro down feed hand wheel for quill
- Positive stop located at end of arm
- Quiet and smooth operation
- Includes safety chuck guard with micro switch

Includes

- 16mm keyed drill chuck and key with 4MT arbor
- 2-3 morse taper sleeve
- 3-4 morse taper sleeve
- Drill drift

Product Brochure For D165A

Specific Features



Left View



Head Controls



Head and Arm



Head Lock



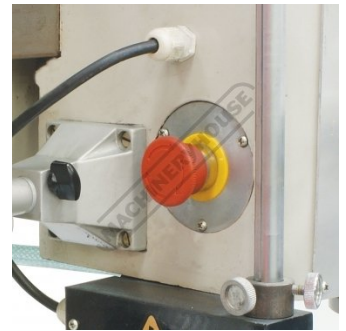
Head Controls



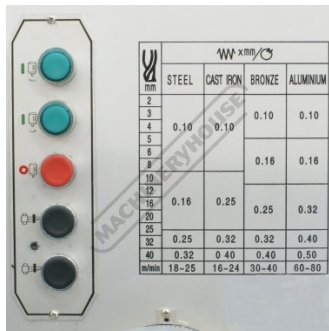
Safety Drill Chuck Guard



Work Light



Emergency Stop Switch



Machine Control Panel



Spindle Speed Levers



Spindle Speed Chart



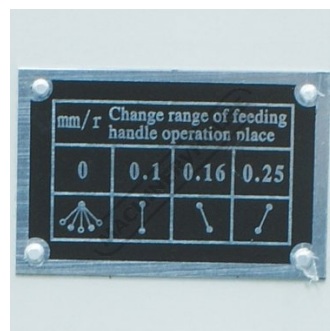
Spindle and Coolant Hose



Spindle Handwheel



Feed Handle



Feed Chart



Spindle Motor

Product Brochure For D165A



Box Table



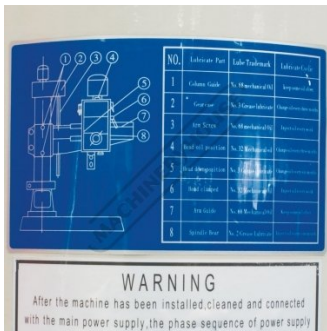
Motor for Arm Rise and Fall



Coolant Pump



Lubrication Diagram and Warning



Lubrication Diagram



Main Switch



Parts

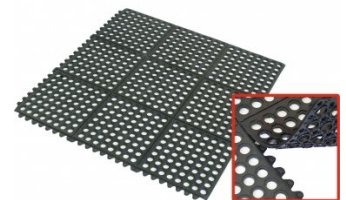
Recommended Accessories

D339
4MT Morse Taper Shank Drill Bit

D424
Drill Sleeve - Morse Taper

M800
Rubber Mat - Anti-Fatigue

M805
Rubber Mat - Anti-Fatigue



Product Brochure For D165A

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



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O044

Rust & Corrosion Preventive

