

## Product Brochure For D165

### Radial Arm Drill - RAD-900

Ø38mm Drilling Capacity  
290 - 920mm Spindle To Column



**On Sale**

Ex GST	Inc GST
<b>\$19,310.00</b>	<b>\$22,206.50</b>
<b>\$16,426.09</b>	<b>\$18,890.00</b>

ORDER CODE:	D165
MODEL:	RAD-900
Drill Capacity (mm):	Ø38
Thread Tapping Capacity:	M20
Spindle Taper (MT):	4
Spindle Travel (mm):	200
Quill Diameter (mm):	70
Spindle To Column (min-max) (mm):	290 - 910
Spindle To Box Table (max) (mm):	785
Spindle To Base (max) (mm):	1110
Table Type:	Square
Box Table Size (LxWxH) (mm):	550 x 405 x 315
T-slot Size (mm):	20
Automatic Quill Feed (mm/rev):	(0.05, 0.09, 0.15)
Work Light:	Yes
Coolant System:	Yes
Spindle Speed Steps (No.):	6
Spindle Speed Range (rpm):	88 - 1500
Motor Power (kW / hp):	1.5 / 2
Motor Voltage (V):	415
Nett Weight (kg):	1270



#### Description

The RAD-900 Radial Arm Drill made in one of our precision top quality factories located in Taiwan, and has proven to be a very popular & favourable machine in the Tool & Die manufacturing industry. The machine base top surface and box table have been ground finished to perfection offering superior parallelism & squareness to achieve the highest of accuracy that is required by the professional tool maker. This machine also has an auto power feed system, with 3 speeds to select from and are relevant to revs per minute, coolant system with flexible hose & nozzle, this drill is known for its quiet & smooth operation for the past 20 years.

The user-friendly unique 4-way joystick control operates the spindle speed direction and the rise and lowering of the head. The machine is also fitted with an amp load metre providing direct and instant load feedback on your current drilling job. The front control panel has a very helpful drilling chart with suggested speeds to use on the different material types with the corresponding drill bit size, this is a general guide from where to begin as each job must be adjusted individually.

#### Features

- Precision Taiwanese manufactured radial drilling machines
- 4-way joystick control for motorised arm rise/fall & forward/reverse spindle direction
- 3 Speed auto down-feed: 0.05, 0.09, 0.15(mm/rev)
- Coolant pump system with flexible hose
- Amp meter providing direct reading of spindle load during operation
- 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
- Wear strip on arm ensuring greater wear resistance whilst maintaining head rigidity
- Quiet and smooth operation
- Reliability - sold for over 20 years
- Manufactured in Taiwan

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Specific Features



Front View



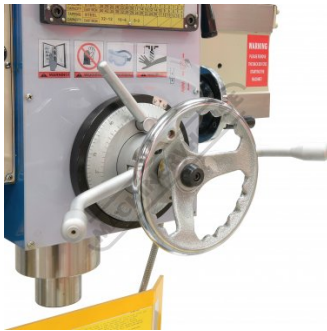
Control Panel



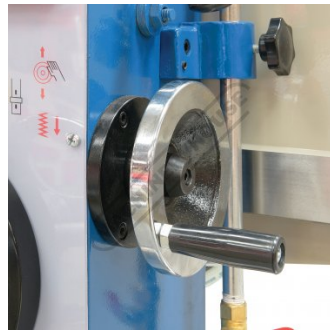
4 Way Joy Stick Control for Arm Rise-Fall-Spindle Direction



Auto Down Feed and Speed Chart



Quill Handle



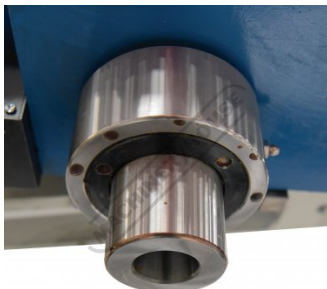
Micro Down Feed Hand Wheel



Speed Selectors



Safety Chuck Guard



Quill



Motor-Head Clamp



Oil Level



Foot Mounting Points



Head Front View



Coolant Hose



Coolant System



T Slotted Base-Box Table

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Box Table



Arm Swivel Clamp



Arm Stop



Base Clamp



Motorised Arm Rise and Fall



Head Right View



Head Left View



Rear View



Left View

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**Recommended Accessories**

D339  
4MT Morse Taper Shank Drill Bit



D424  
Drill Sleeve - Morse Taper



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



L300  
Magnetic Swarf Remover



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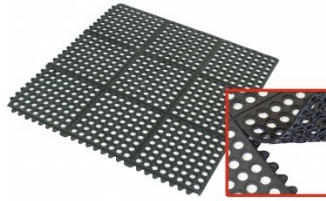
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive



**O042**  
General Purpose Lubricant &  
Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive

