

Product Brochure For D174

## GHD-45G - Industrial 4MT Geared Head Drilling Machine

Ø45mm Drilling Capacity  
 Includes Automatic Feed & Tapping

**Ex GST**                      **Inc GST**  
**\$5,590.00**                      **\$6,149.00**



ORDER CODE:	D174
MODEL:	GHD-45G
Drilling Capacity (mm):	Ø45
Thread Tapping Capacity (Metric):	M35
Spindle Taper (MT):	4
Spindle Travel (mm):	180
Throat Depth (mm):	350
Quill Diameter (mm):	70
Column Diameter (mm):	150
Spindle To Table (mm):	70 ~ 730
Spindle To Base (mm):	1210
Table (Type):	Square
Table Size (mm):	530 x 530
T-Slot Size (mm):	18
Automatic Quill Feed (mm/rev):	0.1, 0.15, 0.2
Work Light (Includes):	Yes
Coolant System (Includes):	Yes
Spindle Speed Steps (No.):	8
Spindle Speed Range (rpm):	90 ~ 1520
Motor Power (kW / hp):	2.2 / 3
Voltage / Amperage (V / amp):	415
Full Height (mm):	2445
Nett Weight (kg):	670



### Description

The GHD-45G is a heavy duty Industrial Geared Head Drilling Machine that has it all, and if you are wanting to drill small holes up to large holes, then look no further as this will be what you will need in your engineering workshop. With a hefty 4 morse taper spindle that can travel a huge 180mm in depth, and the extra-large head to house in those big drive gears with 8 speeds to drill through the toughest steels with ease. This machine also features an automatic drilling feed system, so you do not need to use human force at all to drill any holes.

The work table also can rotate 360°, and tilts 90° left & 90° right to accommodate multitudes of endless drilling possibilities. Another notable and very useful feature to mention is that tapping holes can be achieved easily by selecting this function on the control panel, setting the depth stop and appropriate spindle speed, and once the tapping depth is reached the spindle will automatically revere and your tap will retract out of the hole.

### Features

- Ideal for industrial workshop use
- Geared head drilling machine with 4 morse taper spindle
- Thread tapping with auto reverse
- Automatic feed range (0.1, 0.15, 0.2mm/rev)
- 8 drilling speeds from 90-1520rpm
- Chuck guard with micro-switch
- Drill ejector incorporated in machine
- Coolant pump system with flexible hose
- 2 x LED work lights mounted in convenient location
- 45mm drill capacity with 180mm spindle travel
- Table rotates 360°, and tilts 90° left & 90° right
- Oil sight glass for geared head and feed gearbox
- Modern 24V DC electrics to european CE standards
- Forward and reverse spindle speed switch
- Emergency stop switch and overload protection
- Substantial heavy walled column ensuring greater rigidity
- Adjustable accurate depth sop setting with auto feed cut out
- Rack and pinion wind-up table
- T slotted work table and base

### Includes

- 16mm keyless drill chuck and arbor

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- Coolant pump system
- Auto drilling feed
- Tapping function
- Safety chuck guard
- LED work lights

### Specific Features



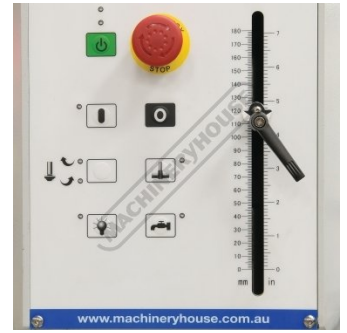
Front View



Left View



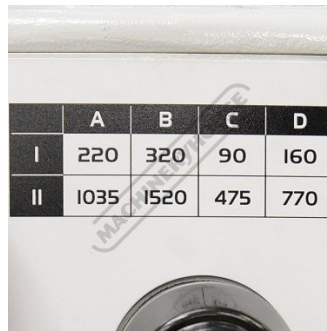
Rear View



Control Panel



Spindle Speed Selection Levers



Spindle Speed Chart



Quill Feed Handle



Feed Engagement Lever



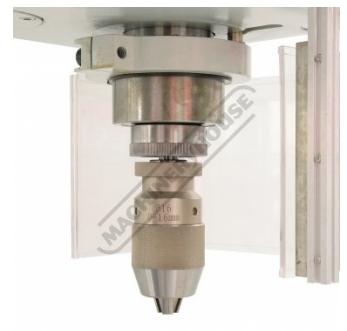
Automatic Feed Selection Dial



Morse Taper Drill Ejector



Adjustable Chuck Guard with Safety Micro



16mm Keyless Drill Chuck

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2 x LED Work Lights



Rack & Pinion Wind Up Table

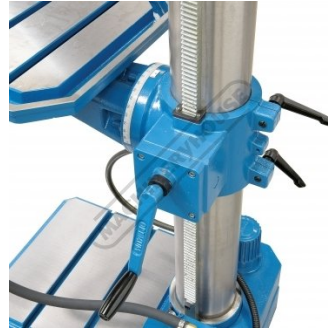


Table Tilts 90° Left & Right



Table Rotates 360 Degrees



Adjustable Coolant Hose



Coolant System



Table Positioning Locks



3hp 415V Motor



Main Isolation Switch



Dimensions

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**Recommended Accessories**

D1272

Metric Precision HSS Drill Set - 25 Piece



D1282

Imperial Precision HSS Drill Set - 29 Piece



D1285

Metric Precision HSS Drill Set - 51 Piece



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





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S074  
Cutting Tool Lubricant Paste - 500g



L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



D1171  
Metric Industrial HSS Reduced Shank Drill Set



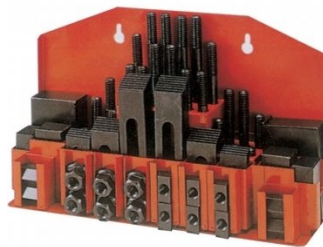
D1181  
Imperial Industrial HSS Reduced Shank Drill Set



D117  
Metric HSS Reduced Shank Drill Set



C097  
Clamp Kit 58 piece - Industrial Series



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



D454  
4MT x JT6 Drill Chuck Arbor Type



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D454A  
4MT x JT3 Drill Chuck Arbor



D424  
Drill Sleeve - Morse Taper



V141  
Safeway Precision Drill Press Vice



V142  
Safeway Precision Drill Press Vice



V143  
Safeway Precision Drill Press Vice



V154  
Drill Press Vice



V155  
Drill Press Vice



V158  
Drill Press Vice



V138  
Drill Press Vice



V139  
Drill Press Vice



T005B  
Tapping Chuck - Fixed



T005  
Reversible Tapping Chuck - Adjustable Clutch

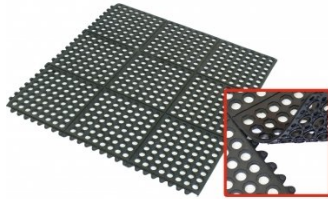


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**M800**  
 Rubber Mat - Anti-Fatigue



**M805**  
 Rubber Mat - Anti-Fatigue



**O000**  
 SpillFix Universal Organic Absorbent



**O000A**  
 Natural Zeolite Absorbent



**O043**  
 Rust & Corrosion Preventive - Penetrant & Lubrication



**O042**  
 General Purpose Lubricant & Corrosion Inhibitor



**O040**  
 Rust & Corrosion Preventive - Penetrant & Lubrication



**O044**  
 Rust & Corrosion Preventive - Penetrant & Lubrication

