

Product Brochure For D174

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

Ø45mm Drilling Capacity

Includes Automatic Feed & Tapping

**Ex GST**                      **Inc GST**  
**\$5,390.00**                      **\$5,929.00**



|                                   |                |
|-----------------------------------|----------------|
| 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
- Interlocked spindle safety guard
- 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
- Interlocked spindle safety guard
- LED work lights

### Specific Features



Front View



Left View



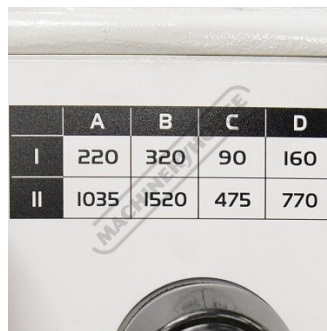
Rear View



Control Panel



Spindle Speed Selection Levers



Spindle Speed Chart



Quill Feed Handle



Feed Engagement Lever



Automatic Feed Selection Dial



Morse Taper Drill Ejector



Interlocked Spindle Safety Guard



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 135° Precision HSS Drill Set - 25 Piece



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



D1285

Metric 135° 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



V138  
 Drill Press Vice



V139  
 Drill Press Vice



T005B  
 Tapping Chuck - Fixed



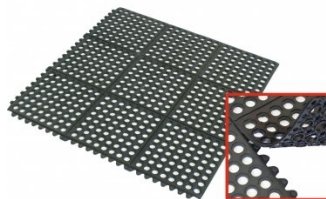
T005  
 Reversible Tapping Chuck - Adjustable Clutch



M800  
 Rubber Mat - Anti-Fatigue



M805  
 Rubber Mat - Anti-Fatigue



O000  
 SpillFix Universal Organic Absorbent



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O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O040  
Rust & Corrosion Preventive



O044  
Rust & Corrosion Preventive

