

Product Brochure For D175

## Industrial 4MT Geared Head Drilling Machine - GHD-55G

Ø50mm Drilling Capacity

Includes Automatic Feed & Tapping

**On Sale**

Ex GST

Inc GST

~~\$9,290.00~~

~~\$10,219.00~~

**\$8,890.00**

**\$9,779.00**



|                                   |                |
|-----------------------------------|----------------|
| ORDER CODE:                       | D175           |
| MODEL:                            | GHD-55G        |
| Drilling Capacity (mm):           | Ø50            |
| Thread Tapping Capacity (Metric): | M42            |
| Spindle Taper (MT):               | 4              |
| Spindle Travel (mm):              | 180            |
| Throat Depth (mm):                | 405            |
| Quill Diameter (mm):              | 88             |
| Column Diameter (mm):             | 200            |
| Spindle To Table (mm):            | 130 ~ 750      |
| Spindle To Base (mm):             | 1300           |
| Table (Type):                     | Square         |
| Table Size (mm):                  | 600 x 600      |
| 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.):        | 16             |
| Spindle Speed Range (rpm):        | 45 ~ 2000      |
| Motor Power (kW / hp):            | 2.8 / 3.7      |
| Voltage / Amperage (V / amp):     | 415            |
| Full Height (mm):                 | 2500           |
| Nett Weight (kg):                 | 930            |



### Description

The GHD-55G is our big boy Industrial Geared Head Drilling Machine that has it all, and if you are wanting the best of the best 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 16 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.

More features are added into this all-rounder drilling machine to help save the operator from using human power, by simply engaging the gear drive from hand mode then using the push buttons for the motorised work table to raise or lower to optimum height required. 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 reverse 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)
- 16 drilling speeds from 45-2000rpm
- 50mm drill capacity with 180mm spindle travel
- Motorised rise & fall work table
- Table rotates 360°, and tilts 90° left & 90° right
- T slotted work table and base
- Interlocked spindle safety guard
- Drill ejector incorporated in machine
- Coolant pump system with flexible hose
- 2 x LED work lights mounted in convenient location
- Oil sight glass for geared head and feed gearbox
- Forward and reverse spindle speed switch
- Emergency stop switch and overload protection
- Substantial heavy walled column ensuring greater rigidity
- Adjustable accurate depth stop setting with auto feed cut out
- Modern 24V DC electrics to European CE standards

### Includes

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- 16mm keyless drill chuck and arbor
- Coolant pump system
- Auto drilling feed
- Tapping function
- Interlocked spindle safety guard
- LED work lights

### Specific Features



Depth Gauge And Control Panel



Interlocked Spindle Safety Guard



Drill Chuck And Arbor



Quill Feed Handle



Electronic Feed Engagement



Spindle Speed Selection Levers



Automatic Feed Selection Dial



T Slotted Table and Base



Table Clamps with Safety Micro



Motorised Rise-Fall Work Table



Manual Drive Or Motor Gear Drive Dial



Manual Handle and Up Down Switches for Table Height

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Swivel and Tilting Table



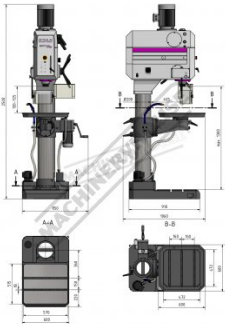
Table Tilts 90 Degrees Left or Right - shown at 45 degrees



Table Tilt Adjustment Graduations



Coolant Pump System



Dimensions

**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



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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



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



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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



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



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T005

Reversible Tapping Chuck -  
Adjustable Clutch



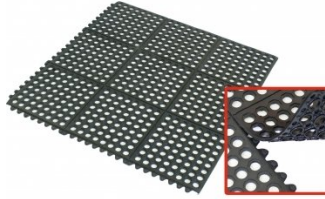
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic  
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &  
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

