

Product Brochure For D166

Radial Arm Drill - Z3050x16

Ø50mm Drilling Capacity
350 - 1600mm Spindle To Column



On Sale - Back In Stock Soon

Ex GST

Inc GST

\$26,170.00

\$30,095.50

\$25,300.00

\$29,095.00

| | |
|-----------------------------------|-----------------|
| ORDER CODE: | D166 |
| MODEL: | Z3050x16 |
| Drill Capacity (mm): | Ø50 |
| Thread Tapping Capacity: | M36 |
| Spindle Taper (MT): | 5 |
| Spindle Travel (mm): | 315 |
| Quill Diameter (mm): | 80 |
| Spindle To Column (min-max) (mm): | 350 - 1600 |
| Spindle To Box Table (max) (mm): | 750 |
| Spindle To Base (max) (mm): | 1250 |
| Table Type: | Square |
| Box Table Size (LxWxH) (mm): | 620 x 500 x 500 |
| T-slot Size (mm): | 20 |
| Automatic Quill Feed (mm/rev): | 16 (0.04-3.2) |
| Work Light: | Yes |
| Coolant System: | Yes |
| Spindle Speed Steps (No.): | 16 |
| Spindle Speed Range (rpm): | 25 - 2000 |
| Motor Power (kW / hp): | 4 / 5.3 |
| Motor Voltage (V): | 415 |
| Nett Weight (kg): | 4000 |



Description

When you need to drill big, heavy and awkward shape parts, no matter what manufacturing or engineering industry you are in, you just cannot go past the enormous Haeco Metalmaster Z3050x16 Radial Arm Drill to accomplish those tasks. This machine boasts a whopping 5 morse taper that can accept a Ø50mm taper shank twist drill directly into the spindle. Another impressive dimension is the substantial 1600mm maximum reach out from the column edge to the spindle centre, and offers superior scope to handle many jobs with this machine.

What sets this drill apart from most others on the market is that it has a great range of 16 speed from 25 to 2000rpm, and 16 automatic spindle feed rates from 0.04 to 3.2mm/rev providing ample room to fine tune the machine to suit any drilling job. The user-friendly hydraulic push button control system simultaneously operates the column & head clamp to securely lock in the required position. To simplify the operation further the spindle speeds & feeds are also hydraulically engaged by a lever control mounted directly under the head, enabling the operator to swiftly activate the machine.

Features

- 5MT spindle with 50mm drilling capacity
- 16 x spindle speeds: 25 ~ 2000rpm
- 16 x automatic spindle feeds: 0.04 ~ 3.2 (mm/rev)
- Hydraulic column & head clamp ensures fixed tool positioning
- Hardened & ground spindle speed gears for smooth operation
- Automatic oil lubrication system for vertical column
- Unique hydraulic operated feed & spindle drive system
- Arm height adjusted via vertical leadscrew & heavy duty induction motor
- High quality fine grain cast iron with ribbing ensures extremely low vibration
- LED work light mounted underneath arm providing direct light on workpiece
- Coolant pump system with flexible hose

Includes

- Box table
- Drill chuck & arbor
- 5-4, 4-3 & 3-2 morse taper sleeves
- Coolant pump
- Auto oil lubricator on column
- LED Work light
- Safety chuck guard

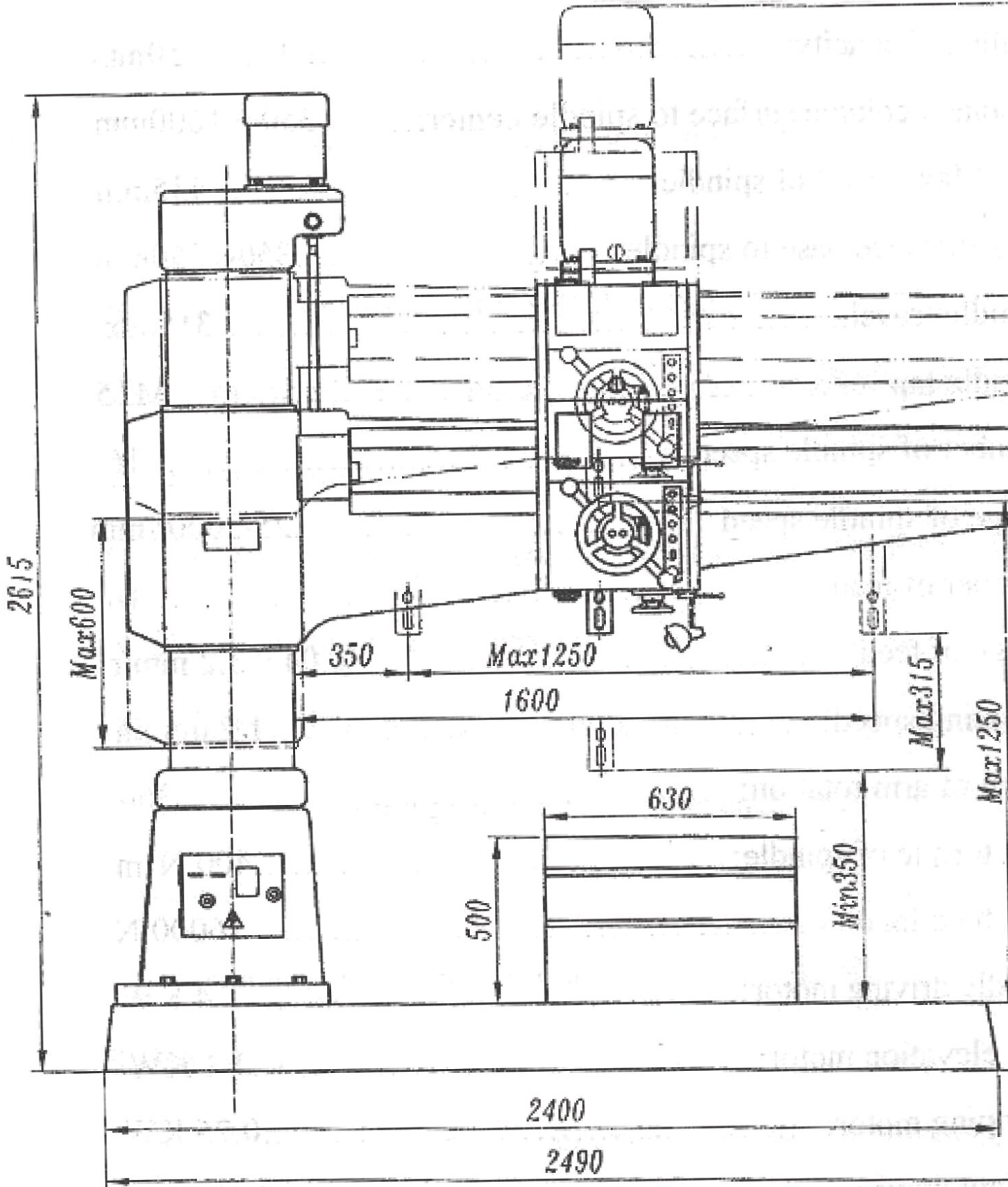


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Specific Features



Front View



Left View



Rear View



Head Controls



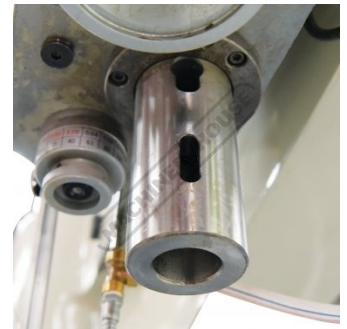
Quill Feed Handle



Safety Chuck Guard and Coolant Hose



Spindle Direction and Vertical Travel Lever



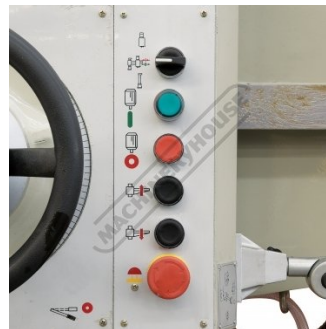
5MT Spindle



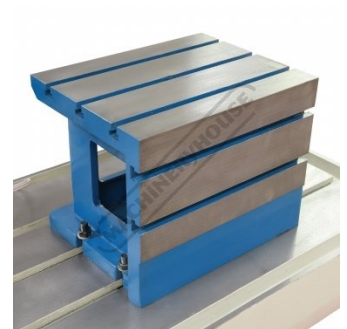
Speed and Feed Selecting Dial



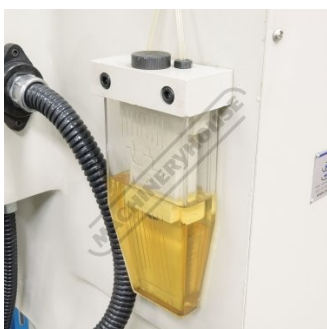
Fine Feed Quill Hand Wheel



Control Panel



Box Table with T Slots



Auto Oil Lubrication For Column



LED Worklight



Coolant Pump



Hydraulic Arm and Head Clamp

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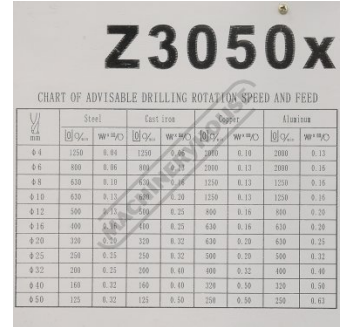
Vertical Travel Safety Limit Switch



Auto Column Lubrication



Lubrication Chart



Drilling Chart Guide



Coolant Switch



Main Isolation Switch



Included Accessories

Recommended Accessories

D339
4MT Morse Taper Shank Drill Bit

D381
5MT Morse Taper Shank Drill Bit

D424
Drill Sleeve - Morse Taper

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



S074

Cutting Tool Lubricant Paste - 500g



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



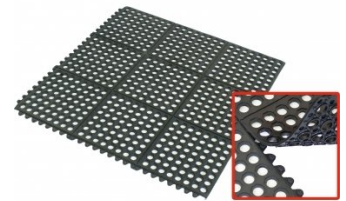
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O044

Rust & Corrosion Preventive

