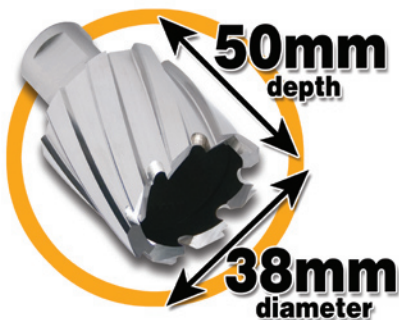


# THE HMD904 SWIVEL BASE MAGNETIC DRILL



**FLEXIBLE,  
RELIABLE,  
AND VERSATILE.**

**It's the ideal solution for:**

- Building construction
- Steel erection
- Fabrication shops
- On-site installations
- General plant maintenance



Made in U.S.A.

Lineup holes quicker and easier with the Swivel Base HMD904. No more trying to pin point the pilot before energizing the magnet. Just get the pilot close to your hole, energize the magnet. Then use the swivel to line up your pilot. Uses a quick one stroke handle for locking and unlocking the swivel. Works great for horizontal and overhead drilling.

The HMD904 is lightweight, compact, powerful & versatile making it the drill of choice for general fabrication. Designed for the down and dirty job of making holes. It uses Rotabroach® Annular Cutters for up to 38mm x 50mm holes.

#### HEX ARBOR

The HMD904 is assembled with a hex drive spindle mounting, for fast and easy changeout of the drills arbor and accessories. The male hex mates to the drill arbor and is held in place by set screws. To disengage the arbor, loosen the set screws and pull the arbor away from the motor spindle.

#### HOUGEN® SAFETY FEATURES

The HMD904 includes the Hougen® safety switch indicator system. It tells the operator when the lift sensor is engaged, making the drill operational. Rear positioned controls are easily

accessible & ergonomically designed. Feed handles can be switched to either side.

The HMD904 includes a carrying case, wrenches and a pint of coolant.

#### HMD904 SPECIFICATIONS

<b>Electrical System</b>	230V, 50/60 Hz - 4.5A, 1035W		
<b>Motor</b>	4A (230V), 450 RPM		
<b>Diameter</b>	12mm - 38mm		
<b>Depth</b>	50mm		
<b>Cutter/Mount</b>	Rotabroach® or Copperhead™ 19mm shank		
<b>Dimensions</b>	416mm H x 183mm W x 210mm L		
<b>Swivel Magnet</b>	<b>Base</b>	79mm W x 167mm L	
	<b>25mm Plate</b>	Dead Lift 608 kg	Drillpoint Breakaway Forward - 315 kg Back - 379 kg
	<b>9.5mm Plate</b>	460 kg	Forward - 228 kg Back - 274 kg
<b>Net Weight</b>	13.8 kg		



## MODELS & PART NO.

Part No.	Description	Voltage	Coolant Bottle	Swivel
0904301	HMD904	230V		
0904302	HMD904	230V	X	
0904303	HMD904	230V		X
0904304	HMD904	230V	X	X



## INCREASE YOUR PRODUCTIVITY

We have developed a full line of accessories that let you convert your HMD904 Swivel Base Magnetic Drill into a versatile and portable machine shop. In addition to a variety of accessories, the HMD904 is equipped with a Hex Drive Spindle Mount making changeouts easier and faster.



### TWIST DRILL ADAPTER KIT

A convenient kit for small hole drilling. 1/4" to 1/2" in diameter. Easily installs in the HMD904 without removing drill arbor and coolant system. Adapter accepts a modified 118° twist drill with a 1/4" flatted shank that secures in the adapter with a set screw.

### SWIVEL BASE UPGRADE KIT

Take more time out of holemaking, when you convert your standard HMD904 to a swivel base magnetic drill using the 05757 Upgrade Kit. A swivel base makes precise centering of pilot with the holes center location quick and easy. Upgrade limits depth of cut to 31mm.

### PIPE ADAPTER KIT

The kit lets you drill pipe and tubing with a minimum 76mm diameter and some convex surfaces. Kits quickly attach to the HMD904 & positive non-slip positioning assures centered hole location.



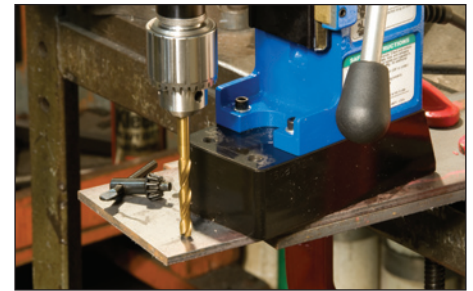
### ROTABROACH® "12,000-SERIES" ANNULAR CUTTERS

For use on materials up to 275 BHN. Made of hardened, high speed tool steel and precision ground, cutters feature a 19mm diameter shank.



### ROTABROACH® "12,000-SERIES" ANNULAR CUTTER KITS

Convenient Annular Cutter Kits contain five popular cutters, available in metric or fractional sizes: 25mm or 50mm depth-of-cut.



### DRILL CHUCKS AND SPINDLE ADAPTER

1/2" Chuck with key, part number 10732. Model HMD904 also requires 05536 Hex Spindle Adapter.

### SLICK-STIK™ LUBRICANT & ROTAMAGIC CUTTING FLUID

Slick-Stik™ is soft for easy application, superior adhesion to the tool, assuring thorough coverage. RotaMagic™ Concentrated Cutting Fluid is water soluble and yields a 10:1 ratio when mixed with water.

### CARBIDE COUNTERSINK KIT

The 82° Countersink is double fluted with an interchangeable pilot assembly that requires minimum torque. For chamfering holes from 9/16" to 15/16" in diameter.

### VAC-PAD™

Works with model HMD904 on non-ferrous materials, diamond plate and materials with surface imperfections up to 3mm deep.



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