

PORTABLE MAGNETIC DRILLING MACHINE

6000M

MANUAL FEED

MACHINE SPECIFICATIONS		
Model	6000M	
Voltage (Single Phase)	100 ~ 120V AC 50 / 60 HZ	220 ~ 240V AC 50 / 60 HZ
Motor Rated Power Consumption	1850 W	
Motor Rated Ampere	15 A	7.5 A
No-load Speed (2 speeds)	High Speed 750 rpm	Dia. 13 (1/2") ~ 35mm (1-3/8")
	Low Speed 450 rpm	Dia. 36 (1-7/16") ~ 60mm (2-3/8")
Tool Adaptor Inner Diameter	19.05 mm	
Adjustable in height for max. stroke	135 mm	
Coolant Supply	via Tool Holder	
Magnet Power Consumption	85W	
Magnet Adhesion	22540 N / 2300 kgf	
Magnet Dimensions	210mm x 100mm x 64mm	
Weight	23kg	



HOLE-CUTTING CAPACITY		
Annular Cutter	Out Diameter	Plate Thickness
	18-60mm	6-75mm
Twist Drill	Max. Dia. 16mm	

Standard Accessories	Optional Accessories
1. Pilot Pin 8.0 x 91mm : 1pc Pilot Pin 8.0 x 112mm : 1pc 2. Double Open End Wrench : 1pc 3. Hex. Key Wrench 2.5mm : 1pc 6.0mm : 1pc 4. Operating Handle : 3 pcs 5. Lifting Handle : 1 pc 6. Fuse Block : 1 pc 7. Carbon Brush : 1 set 8. Fixed Screw : 1 pc 9. Operation Manual : 1 copy	1. Drill Chuck adaptor arbor 2. Drill Chuck 3. Annular Cutter (one touch or weldon shank) 18mm - 60mm (for 35mm · 50mm or 75mm thickness) 4. Twist Drill (1 - 16mm) 5. Miyanach X-1 Cutting Oil : 2L / per can



Highest
670mm

Lowest
540mm



ISO 9001 : 2000

PORTABLE MAGNETIC DRILLING MACHINE

SPEED CONTROL:

The machine is designed with low and high-speed options that allows the operator to make an appropriate choice for R.P.M.

TOOL ADAPTOR DESIGN:

Serves as two modes of drilling that allows loading in "annular cutter" or "twist drill" etc.

DOUBLE COIL MAGNETIC BASE :

When the power outage or any coil burning that still keeps another coil to avoid danger.

ROLLER BEARING :

Lowes the cutter damage rate.

ARBOR SUPPORT BRACKET :

Aligns the cutter precisely, increase cutter, motor life and less tool arbor vibration.

SWITCH PC BOARD :

Regulate the voltage to avoid burning.

MAIN APPLICATION:

Especially designed for general heavy duty machine or difficult to shift the objects such as skeleton of high building, H-structural steels, large steel plates, shaped bars, framework, and other machinery, shipbuilding, bridges, reinforcements, construction materials and steam furnace etc hole drilling.

POWER & PERFORMANCE:

Designed with the greatest possible consideration for lasting smooth powerful performance that reducing cutter crack probability to be lowers cutter cost.



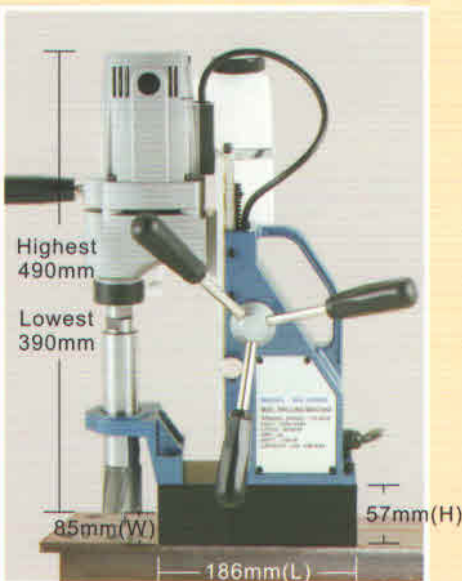
6000M



Reversible Switch Panel

PORTABLE MAGNETIC DRILLING MACHINE

3500M MANUAL FEED



MACHINE SPECIFICATIONS

Model	3500M	
Voltage (Single Phase)	100 ~ 120V AC 50 / 60 HZ	220 ~ 240V AC 50 / 60 HZ
Motor Rated Power Consumption	1100 W	
Motor Rated Ampere	10A	5A
No-load Speed	780 rpm	
Tool Adaptor Inner Diameter	19.05mm	
Adjustable in height for max. stroke	100mm	
Coolant Supply	via Tool Holder	
Magnet Power Consumption	38W	
Magnet Adhesion	7350 N / 750 kgf	
Magnet Dimensions	186mm x 80mm x 58mm	
Weight	14kg	

HOLE-CUTTING CAPACITY

	Out Diameter	Plate Thickness
Annular Cutter	13-35mm(Standard)	9-50mm(Standard)
Twist Drill	Max.Dia. 13mm	

STANDARD ACCESSORIES

- | | |
|---|---------------------------|
| 1. Pilot Pin 8.0 x 91mm : 1pc | 5. Lifting Handle : 1 pc |
| 2. Double Open End Wrench : 1pc | 6. Fuse Block : 1 pc |
| 3. Hex. Key Wrench
2.5mm : 1pc 6.0mm : 1pc | 7. Carbon Brush : 1 set |
| 4. Operating Handle : 3 pcs | 8. Fixed screw : 1 pc |
| | 9. Operation Manual:1copy |

OPTIONAL ACCESSORIES

1. Drill Chuck adaptor arbour
2. Drill Chuck
3. Annular Cutter (one touch or weldon shank)
13mm - 40mm (for 35mm or 50mm thickness)
4. Twist Drill (1 - 13mm)
5. Twist Drill Adaptor
6. Miyanach X-1 Cutting Oil:2L/per can



ISO 9001 : 2000



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PORTABLE MAGNETIC DRILLING MACHINE

SPECIAL FEATURES:

1. Serves as two modes of cutter that allows loading in a one touch shank or weldon shank.
2. Serves as two types of drilling that allows loading in an annular cutter or change drill duck with adaptor for loading twist drill.
3. Arbor support bracket help to align the cutter precisely, which increases cutter and motor life. This design for increase main shaft stability that avoids motor and main shaft vibration.
4. Roller bearing design for reduce abrasion. The cutter no need replace frequently, therefore may reduce the expense of replacement, and simultaneously largely lengthens the cutter life.
5. Designed with double coil magnetic base, the front coil will start while electricity is entering. It can adjust the central point on work sheet, and simultaneously when one coil burning that still keep another coil to hold work sheet to avoid immediately danger. It is high safety design.
6. Switch PC board design may put electric current in order and constant the voltage. The stability better than manual type switchboard.
7. Light weight, only 14kg.



3500M

