

PORTABLE PIPE DRILLING SOLUTION

PipeMAB 525

PipeMAB 200



The new PipeMAB magnetic drilling machines from CS Unitec Made in Germany. The patented pipe magnetic clamping system with two permanent magnets automatically adapts to the pipe diameter.

The swivel arrangement of the permanent magnets allows pivoting to conform to any 3 inch (85 mm) pipe diameter or larger, on straight surfaces, as well as inside and outside of curved surfaces.



STRONG GRIP

ON PIPES & CURVED SURFACES

Powerful magnetic adhesion force up to max 2248 lbs. (⁴/₅" material thickness /S 275 JR.) Both permanent magnets can be activated with a short turn of the clamping lever. The long set-up surfaces provides optimum adhesion and safety. The pivoting movement of the magnets automatically positions the drilling unit in the central drilling position. Result: Fast, accurate and safe drilling with the BDS PipeMAB series.



Material thickness and magnetic holding force

Material thickness	1/3 in. (3 mm)	25/64 in (10mm)	25/32 in. (20 mm)
Maximum magnetic holding force	903 lbs	1962 lbs	2248 lbs

PipeMAB 525	PipeMAB 200	
Motor Power	110 V (14.50 Amp)	110 V (8.2 Amp)
Dimensions	20.7"Hx10.5"Lx7.5"W	13.75" H x 10.5" L x 7.5" W
Stroke	6 -1/3"	6-1/3" (3-1/3" with geared chuck)
Weight	43 lbs	27 lbs
Speeds	70-280 rpm, 180-580 rpm	450 RPM
Arbor Bore	3/4" Weldon Shank	3/4" Weldon Shank
Magnetic Force (3/4" plate)	2250 lbs	2250 lbs
Hole Capacity	2-1/2" dia.	1-3/8" dia.
Magnet Base Size	10.5" L x 7.5" W x 3.5" H	10.5" L x 7.5" W x 3.5" H
Permanent internal lubrication	✓	✓
Torque control	✓	
Full wave control electronics	✓	
Overheating protection	✓	
Clockwise/anticlockwise rotation	✓	
Carbon brush wear indicator	✓	

Included in delivery

- 1 Magnetic core drilling machine
- 1 Industrial arbor ZIAL 319KN
- 1 Ejector pin ZAK 100 + MT3
- 1 Safety lashing strap
- 1 Hexagonal offset screwdriver size 5
- 1 Operating instructions
- 1 Plastic carry case

Included in delivery

- 1 Magnetic core drilling machine
- 1 Ejector pin ZAK 100
- 1 Safety lashing strap
- 1 Hexagonal offset screwdriver size 4
- 1 Operating instructions
- 1 Plastic carry case

Annular Cutter		Twist drill		Tapping		Annular Cutter	
Up to Ø 2-1/2" Cutter capacity 2-1/2"		Ø 15/16" dia.		Ø 15/16" (Ream to Ø 7/8")		Ø 1-3/8" Cutting depth 2-61/64"	



Drill • Saw • Safety Tools • Finish • Prep • Mix

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