

PORTABLE PIPE DRILLING SOLUTION

ProfiSPEZIAL

PipeMAB 200

ProfiSPEZIAL

PipeMAB 525



BDS MASCHINEN
MADE IN GERMANY

The new PipeMAB magnetic core drilling machines from BDS Maschinen, 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 pipe 85 mm (3") diameter or larger, on straight surfaces as well as inside and outside of the curve surfaces.

BDS
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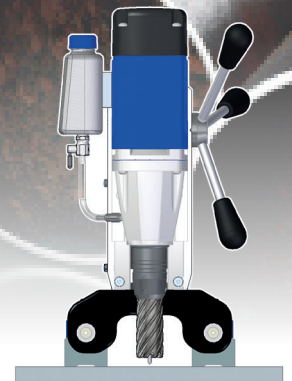
STRONG GRIP

ON PIPES & CURVED SURFACES

Powerful magnetic adhesion force up
to max. 1020 kg
(20 mm material thickness / S 275 JR)

Both permanent magnets can be activated with a short turn of the clamping lever. The long set-up surfaces provide 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	3 mm ($\frac{1}{8}$ ")	10 mm ($\frac{25}{64}$ ")	20 mm ($\frac{25}{32}$ ")
Maximum magnetic holding force	410 kg (903 lbs)	890 kg (1962 lbs)	1020 kg (2248 lbs)



PipeMAB 525

Motor output	1,600 W (14.50 Amp)
Voltage	230 V/110 V AC, 50 – 60 Hz
Stroke	160 mm ($6\frac{19}{64}$ ")
Weight	19,5 kg (43 lbs)
Direct arbor	
Industrial arbor	MT3/long, 19 mm ($\frac{3}{4}$ ")
Spindle taper	MT 3
Gear 1 range	70 – 280 rpm
Gear 2 range	180 – 580 rpm
Permanent internal lubrication	✓
Torque control	✓
Full wave control electronics	✓
Overheating protection	✓
Clockwise/anticlockwise rotation	✓
Carbon brush wear indicator	✓



PipeMAB 200

Motor output	1,050 W (9.50 Amp)
Voltage	230 V/110 V AC, 50 – 60 Hz
Stroke	160 mm ($6\frac{19}{64}$ ")
Weight	16 kg (35.3 lbs)
Direct arbor	
Industrial arbor	19 mm Weldon ($\frac{3}{4}$ ")
Spindle taper	
Gear 1 range	
Gear 2 range	
Permanent internal lubrication	✓
Torque control	
Full wave control electronics	
Overheating protection	
Clockwise/anticlockwise rotation	
Carbon brush wear indicator	
	450 rpm



BDSMASCHINEN
MADE IN GERMANY

Included in delivery

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

Core drill

Ø 50 mm ($1\frac{31}{32}$ ")
Cutting depth 40 mm ($1\frac{9}{16}$ ")



Twist drill

Ø 20 mm
($\frac{25}{32}$ ")



Tapping

Ø M20
($\frac{25}{32}$ ")



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

Core drill

Ø 35 mm ($1\frac{3}{8}$ ")
Cutting depth 55 mm ($2\frac{61}{64}$ ")



BDS Maschinen GmbH
Martinstraße 108
41063 Mönchengladbach · Germany
Phone +49(0)21 61/35 46-18
www.bds-machines.com · export@bds-maschinen.de



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www.bds-machines.com