PORTABLE PIPE DRILLING SOLUTION

Profispezial

PipeMAB 200

Profispezial



he 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 of 85 mm (3") diameter or larger, on straight surfaces as well as inside and outside of the curved surfaces.



BDSM MADEII

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 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.

Profeeration

Material thickness and magnetic holding force				
Material thickness	3 mm (⁹ / ₆₄ '')	10 mm (³/ ₈ ")	20 mm (¹³ / ₁₆ ")	
Maximum magnetic holding force	410 kg (903 lbs)	890 kg (1962 lbs)	1020 kg (2248 lbs)	

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Voltage 230 V/110 V AC, 50 - 60 Hz 230 V/110 V AC, 50 - 60 Hz Stroke 160 mm (6 -1/3") 160 mm (6 -1/3") Weight 19,5 kg (43 lbs) 16 kg (35.3 lb Direct arbor - 19 mm Weldon (3/4 Industrial arbor MT3/long, 19 mm (3/4") 19 mm Weldon (3/4 Spindle taper MT 3 180 - 580 rpm Gear 1 range 70 - 280 rpm 450 rpt Gear 2 range 180 - 580 rpm 450 rpt Permanent internal lubrication - - Variable speed & torque controls - - Full wave control electronics - - Overheat protection - - Core drill Itist drill Ø M20 0 35 mm (1-3/6")	Profispezial		
Voltage 230 V/110 V AC, 50 - 60 Hz 230 V/110 V AC, 50 - 60 Hz Stroke 160 mm (6 -1/x)" 160 mm (6 -1/x)" Direct arbor - 16 kg (35.3 hb Industrial arbor MT3/long, 19 mm (f/x)" 19 mm Weldon (f/4) Spindle taper MT3 - Gear 1 range 70 - 280 rpm 450 rpm Permanent internal lubrication ✓ - Variable speed & torque controls ✓ - Full wave control electronics ✓ - Overheat protection ✓ - Occreditil Ø 20 mm Ø M20 (12/xe") 0 M20 (12/xe") Otting depth 40 mm (1-2/xe") 0 M20 (12/xe") 0 M20 (12/xe") - Included in delivery 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Industrial arbor Z/AL 319KN 1 Ejector pin ZAK 100 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 5 1 Operating instructions 1 Hastic carry case 1 Operating instructions	PipeMAB 525		PipeMAB 200
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Weight 19,5 kg (43 lbs) 16 kg (35.3 lb Direct arbor - 19 mm Weldon (?/4 Industrial arbor MT3 19 mm Weldon (?/4 Spindle taper MT3 450 rpn Gear 1 range 0 - 280 rpm 450 rpn Gear 2 range 180 - 580 rpm - Permanent internal lubrication ✓ - Variable speed & torque controls ✓ - Full wave control electronics ✓ - Overheat protection ✓ - Cocwsies/anticlockwise rotation ✓ - Core drill Ø 20 mm Ø M20 0 35 mm (1-²/a ^r) Ø 50 mm (2") Ø 20 mm Ø M20 - Cutting depth 40 mm (1-²/a ^r) Ø M20 - - Outling machine 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Industrial arbor ZAK 100 1 Safety lashing strap 1 Operating instructions 1 1 Ejector pin ZAK 100 1 Safety lashing strap 1 Operating instructions 1 1 Hexagonal offset screwdriver size 5 1 1 Plastic carry case <td>Voltage</td> <td>230 V/110 V AC, 50 – 60 I</td> <td>lz 230 V/110 V AC, 50 – 60 Hz</td>	Voltage	230 V/110 V AC, 50 – 60 I	lz 230 V/110 V AC, 50 – 60 Hz
Direct arbor - 19 mm Weldon (?/4) Industrial arbor MT3/long, 19 mm (?/4) MT3 Spindle taper MT 3 450 rpi Gear 1 range 70 - 280 rpm 450 rpi Permanent internal lubrication Y Y Variable speed & torque controls Y Y Full wave control electronics Y Y Overheat protection Y Y Core drill Y Y Y Ø 20 mm Ø 20 mm Ø 20 mm Ø 35 mm (1-3/6)" Core drill Ø 20 mm Ø 20 mm Ø 35 mm (1-3/6)" Cutting depth 40 mm (1-3/16") Ø 20 mm Ø 35 mm (1-3/6)" Cutting depth 40 mm (1-3/6)" Included in delivery Included in delivery Included in delivery 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Ejector pin ZAK 100 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 4 1 Safety lashing strap 1 Operating instructions 1 Plastic carry case 1 Plastic carry case	Stroke	160 mm (6- ¹ / ₂	") 160 mm (6- ¹⁹ / ₆₄ ")
Industrial arbor MT3/long, 19 mm (¹ / ₄ ") Spindle taper MT 3 Gear 1 range 70 – 280 rpm 450 rpm Permanent internal lubrication 70 – 280 rpm Permanent internal lubrication 70 – 70 – 70 – 70 – 70 – 70 – 70 – 70	Weight	19,5 kg (43 lt	s) 16 kg (35.3 lbs)
Spindle taper MT 3 Gear 1 range 70 - 280 rpm Gear 2 range 180 - 580 rpm Permanent internal lubrication ✓ Variable speed & torque controls ✓ Full wave control electronics ✓ Overheat protection ✓ Clockwise/anticlockwise rotation ✓ Carbon brush wear indicator ✓ Core drill Ø 20 mm Ø 20 mm Ø M20 (13/cs") Tapping Ø 35 mm (1-3/cs") Cutting depth 40 mm (1-3/cs") Included in delivery Included in delivery 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Industrial arbor ZIAL 319KN 1 Ejector pin ZAK 100 1 Ejector drift MT3 1 Hexagonal offset screwdriver size 4 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 5 1 Plastic carry case	Direct arbor	· · · · · · · · · · · · · · · · · · ·	- 19 mm Weldon (³ / ₄ ")
Gear 1 range 70 - 280 rpm 450 rpi Gear 2 range 180 - 580 rpm 180 - 580 rpm Permanent internal lubrication ✓ ✓ Variable speed & torque controls ✓ ✓ Full wave control electronics ✓ ✓ Overheat protection ✓ ✓ Clockwise/anticlockwise rotation ✓ ✓ Carbon brush wear indicator ✓ ✓ Outing depth 40 mm (1- ² / ₁₆ ") Ø 20 mm Ø M20 (¹³ / ₁₆ ") Ø 100 (¹³ / ₁₆ ") Outing depth 40 mm (1- ² / ₁₆ ") Ø 20 mm Ø M20 (¹³ / ₁₆ ") Ø 35 mm (1- ³ / ₆ ") Outing depth 40 mm (1- ² / ₁₆ ") Ø 20 mm Ø M20 (¹³ / ₁₆ ") Ø 100 (¹³ / ₁₆ ") Included in delivery Included in delivery Included in delivery Included in delivery 1 Magnetic core drilling machine 1 ligetor pin ZAK 100 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 4 1 Safety lashing strap 1 Operating instructions 1 Plastic carry case 1 Plastic carry case	Industrial arbor	MT3/long, 19 mm (³ /,	
Gear 2 range 180 – 580 rpm Permanent internal lubrication ✓ Variable speed & torque controls ✓ Full wave control electronics ✓ Overheat protection ✓ Clockwise/anticlockwise rotation ✓ Carbon brush wear indicator ✓ Core drill Ø 20 mm Ø 20 mm Ø M20 (1³/16") Ø 100 Ø 20 mm Ø 35 mm (1-²/16") Core drill Ø 35 mm (1-²/16") Ø 400 mm (1-²/16") Ø 100 (1²/16") Included in delivery Included in delivery 1 Magnetic core drilling machine 1 Industrial arbor ZIAL 319KN 1 Ejector pin ZAK 100 1 Ejector drift MT3 1 Hexagonal offset screwdriver size 4 1 Safety lashing strap 1 Operating instructions 1 Plastic carry case 1 Plastic carry case	Spindle taper	МТ	3 -
Permanent internal lubrication Variable speed & torque controls Va	Gear 1 range	70 – 280 rp	m 450 rpm
Variable speed & torque controls ✓ Full wave control electronics ✓ Overheat protection ✓ Clockwise/anticlockwise rotation ✓ Carbon brush wear indicator ✓ Core drill Ø 20 mm Ø 20 mm (2") Ø 20 mm Ø 20 mm (1°)/ ₀ (1°/ ₁₆ ") Ø M20 (1°/ ₁₆ ") Outring depth 40 mm (1-9' ₁₆ ") Ø 10°/ ₁₆ ") Included in delivery Included in delivery 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Industrial arbor ZIAL 319KN 1 Ejector pin ZAK 100 1 Ejector pin ZAK 100 1 Safety lashing strap 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 5 1 Plastic carry case	Gear 2 range	180 – 580 rp	m –
Full wave control electronics ✓ Overheat protection ✓ Clockwise/anticlockwise rotation ✓ Carbon brush wear indicator ✓ Core drill Ø 20 mm Ø 20 mm (2") Ø 20 mm Ø 20 mm (1 ⁻³ / ₁₆ ") Ø M20 (1 ³ / ₁₆ ") (1 ³ / ₁₆ ") Dutting depth 40 mm (1 ⁻³ / ₁₆ ") Ø 10 mm Ø 10 mm	Permanent internal lubrication		/ /
Overheat protection ✓ Clockwise/anticlockwise rotation ✓ Carbon brush wear indicator ✓ Core drill ✓ Ø 50 mm (2") Twist drill Ø 20 mm Ø M20 (13/16") Ø M20 (13/16") Ø M20 (13/16") Ø M20 Outing depth 40 mm (1-9/16") Ø 35 mm (1-3/8") Cutting depth 40 mm (1-9/16") Ø 100 Included in delivery Included in delivery 1 Magnetic core drilling machine 1 Magnetic core drilling machine 1 Industrial arbor ZIAL 319KN 1 Ejector pin ZAK 100 1 Ejector drift MT3 1 Hexagonal offset screwdriver size 4 1 Safety lashing strap 1 Operating instructions 1 Hexagonal offset screwdriver size 5 1 Plastic carry case	Variable speed & torque controls		
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	1 Plastic carry case		



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