

# MABasic 200

The introduction into the world of BDS Maschinen.














## The advantages of the MABasic 200

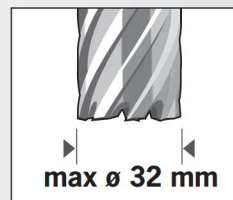
- > 900 Watt motor
- > 1-stage gear unit
- > Core drilling from 12 mm to 32 mm – cutting depth 30 mm and 55 mm



### SPECIFICATION

	Motor output:	900 Watt
	Voltage:	230 V AC, 50-60 Hz
	Stroke:	160 mm
	Swivel Base, adjustment feature:	–
	Magnet size:	84 x 168 x 41.5 mm
	Weight:	12 kg
	Direct arbor:	19 mm Weldon 3/4"
	Industrial arbor:	–
	Quick change drill chuck system:	–
	Morse taper:	–
	Speed range 1:	450 min <sup>-1</sup>
	Speed range 2:	–
	Speed range 3:	–
	Speed range 4:	–
	Permanent internal lubrication:	✓

	Friction clutch:	–
	Torque control:	–
	Full wave control electronics:	–
	Magnet indicator:	–
	Overheating protection:	–
	CW/CCW rotation:	–
	Core drill short 30 mm:	12 – 32 mm
	Core drill long 55 mm:	12 – 32 mm
	Core drill extra-long 110 mm:	–
	Twist drilling:	≤ ø 13 mm
	Reaming:	–
	Countersinking:	–
	Thread cutting:	–



Core drills ø 12 – 32 mm



Twist drills up to ø 13 mm



The practical carry case

### ORDER NO.

MABasic 200 / 230 Volt  
MABasic 200 / 110 Volt

### SCOPE OF DELIVERY

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1 Magnetic core drilling machine  | 1 Hexagon Offset screwdriver SW 4 |
| 1 Ejector pin ZAK 075             | 1 Operating manual                |
| 1 Cutting oil pump bottle ZKP 100 |                                   |
| 1 Plastic carry case              |                                   |
| 1 Safety lashing strap            |                                   |

Technical drawing: Page 42-43

# MABasic 400

The high-speed machine - also suited for twist drills.














## The advantages of the MABasic 400

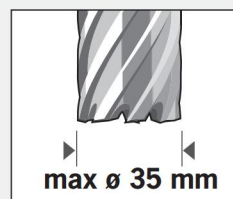
- > 1050 Watt motor
- > 2-stage gear unit with high rotation speed, ideal for working with twist drills
- > Core drilling from 12 mm to 35 mm – cutting depth 30 mm and 55 mm



### SPECIFICATION

	Motor output:	1050 Watt
	Voltage:	230 V AC, 50-60 Hz
	Stroke:	160 mm
	Swivel Base, adjustment feature:	–
	Magnet size:	84 x 168 x 41.5 mm
	Weight:	12 kg
	Direct arbor:	19 mm Weldon 3/4"
	Industrial arbor:	–
	Quick change drill chuck system:	–
	Morse taper:	–
	Speed range 1:	430 min <sup>-1</sup>
	Speed range 2:	760 min <sup>-1</sup>
	Speed range 3:	–
	Speed range 4:	–
	Permanent internal lubrication:	✓

	Friction clutch:	–
	Torque control:	–
	Full wave control electronics:	–
	Magnet indicator:	–
	Overheating protection:	–
	CW/CCW rotation:	–
	Core drill short 30 mm:	12 – 35 mm
	Core drill long 55 mm:	12 – 35 mm
	Core drill extra-long 110 mm:	–
	Twist drilling:	≤ ø 16 mm
	Reaming:	–
	Countersinking:	–
	Thread cutting:	–



Core drills ø 12 – 35 mm



Twist drills up to ø 16 mm



The practical carry case

### ORDER NO.

MABasic 400 / 230 Volt  
MABasic 400 / 110 Volt

### SCOPE OF DELIVERY

1 Magnetic core drilling machine	1 Hexagon Offset screwdriver SW 4
1 Ejector pin ZAK 075	1 Operating manual
1 Cutting oil pump bottle ZKP 100	
1 Plastic carry case	
1 Safety lashing strap	

Technical drawing: Page 42-43

# MABasic 450

Fast and flexible tool change thanks to the MT 2 morse taper.














## The advantages of the MABasic 450

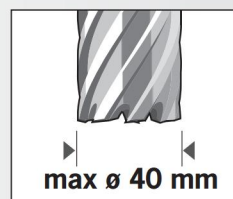
- > 1150 Watt motor
- > 2-stage gear
- > Core drilling from 12 mm to 40 mm – cutting depth 30 mm and 55 mm
- > With MT 2 industrial arbor



### SPECIFICATION

	Motor output:	1150 Watt
	Voltage:	230 V AC, 50-60 Hz
	Stroke:	160 mm
	Swivel Base, adjustment feature:	–
	Magnet size:	84 x 168 x 41.5 mm
	Weight:	13 kg
	Direct arbor:	–
	Industrial arbor:	MT 2, 19 mm Weldon $\frac{3}{4}$ "
	Quick change drill chuck system:	–
	Morse taper:	✓
	Speed range 1:	250 min <sup>-1</sup>
	Speed range 2:	450 min <sup>-1</sup>
	Speed range 3:	–
	Speed range 4:	–
	Permanent internal lubrication:	✓

	Friction clutch:	–
	Torque control:	–
	Full wave control electronics:	–
	Magnet indicator:	–
	Overheating protection:	–
	CW/CCW rotation:	–
	Core drill short 30 mm:	12 – 40 mm
	Core drill long 55 mm:	12 – 40 mm
	Core drill extra-long 110 mm:	–
	Twist drilling:	≤ ø 18 mm
	Reaming:	–
	Countersinking:	–
	Thread cutting:	–



Core drills ø 12 – 40 mm



Twist drills up to ø 18 mm



The practical carry case

### ORDER NO.

MABasic 450 / 230 Volt  
MABasic 450 / 110 Volt

Technical drawing: Page 42-43

### SCOPE OF DELIVERY

1 Magnetic core drilling machine	1 Safety lashing strap
1 Industrial arbor ZIA 219 KN 19 mm Weldon $\frac{3}{4}$ "	1 Hexagon Offset screwdriver SW 4
1 Ejector pin ZAK 075	1 Operating manual
1 Cutting oil pump bottle ZKP 100	
1 Plastic carry case	

# MABasic 850



**Core drill:**  
 ø: 75 mm  
 L: 30 mm  
 L: 55 mm  
 L: 75 mm  
 L: 110 mm



**Twist drilling:**  
 ø: 31,75 mm

Motor output:	1800 Watt
Voltage:	230 V AC, 50-60 Hz
Stroke:	255 mm
Magnet size:	110 x 220 x 54 mm
Weight:	24 kg

Industrial arbor:	MT 3, 19 mm Weldon (3/4")
Speed range 1:	110 min <sup>-1</sup>
Speed range 2:	175 min <sup>-1</sup>
Speed range 1:	245 min <sup>-1</sup>
Speed range 2:	385 min <sup>-1</sup>
Permanent internal lubrication with integrated reservoir:	●

MABasic 850 230 V

MABasic 850 110/125 V



**Scope of delivery:** 1 Magnetic core drilling machine · 1 Ejector pin ZAK 075 · 1 Plastic carry case · 1 Safety lashing strap · 1 Operating manual. **Additional scope of delivery MABasic 200:** 1 Hexagon offset screwdriver SW 4. **Additional scope of delivery MABasic 450:** 1 Hexagon offset screwdriver SW 5 · 1 Industrial arbor ZIA 219 KN · 1 Drill drift MT 2 · **Additional scope of delivery MABasic 850:** 1 Hexagon offset screwdriver SW 5 and SW 6 · 1 Industrial arbor ZIA 332 KN · 1 Drill drift MT 3