

UNCOMPROMISING

The MABasic series offers you 3 newly-developed magnetic core machines in various different performance classes. Find out more about this professional machine series and also original BDS quality at particularly attractive prices!

MABasic – pure power and performance.

The BDS machine concept: 3 performance classes for a large variety of application options.



Always ahead – the MABasic machine series.

High performance – low price. With this new machine concept, BDS Maschinen closes the gap for the professional user who does not want to make compromises in quality and performance but can do without convenience in favour of very good prices.



MABasic 200

900 Watt
Motor power

1-stage gear
450 min⁻¹

Direct mounting
19 mm (3/4")

MABasic 400

1.050 Watt
Motor power

2-stage gear
450/760 min⁻¹

Direct mounting
19 mm (3/4")

MABasic 450

1.150 Watt
Motor power

2-stage gear
250/450 min⁻¹

Industrial holder
MK 2, 19 mm (3/4")



Central operation



MABasic transport case

The performance spectrum

of the new MABasic series is designed to cover a wide range from 900 to 1150 watts. These magnetic core drilling machines allow core drilling from \varnothing 12 mm to \varnothing 40 mm and cutting depths of 30 and 55 mm are possible. Even twist drills up to a max. of \varnothing 18 mm can be used.

- ▶ **MABasic 200 – the machine for introduction into the world of BDS.**
- ▶ **MABasic 400 – the fast runner, even suitable for twist drills.**
- ▶ **MABasic 450 – faster, more flexible tool changing due to MK 2 spindle taper.**

Everything under control!

The safety motor switch and a magnetic switch are positioned centrally at the rear of the machine on a glare-free display. Even when working overhead or horizontally, they can be switched by hand without mixing up.

Always ready for operation.

With a magnetic core drilling machine from the MABasic series, you are well equipped for professional use both in the field and in the workshop. The compact plastic transport case contains the entire system neatly arranged and well protected.

Comprehensive accessories are available for the MABasic 200, 400 and 450 magnetic core drilling machine series:

- ▶ Plastic transport case.
- ▶ ZKP 075 cutting oil pump container– specific lubrication and cooling of the tool.
- ▶ ZAK 075 ejector pin – for short core drills.
- ▶ Safety harness – additional machine safety, for example when working overhead.
- ▶ SW 4 or SW 5 hexagonal offset screwdriver.
- ▶ ZIA 219 N industrial holder – 19 mm Weldon shaft (3/4") (only for MABasic 450).
- ▶ Comprehensive user manual.

You can see for yourself that BDS Maschinen makes no compromises with quality and variety.

MABasic

BDS Maschinen – quality and variety in the range.



TECHNICAL DATA

	MABasic 200	MABasic 400	MABasic 450
⚡ Motor power:	900 Watt	1050 Watt	1150 Watt
⚡ Voltage:	230 V AC 50-60 Hz	230 V AC 50-60HZ	230 V AC 50-60HZ
📏 Stroke:	160 mm	160 mm	160 mm
🔧 Magnet dimension:	168 x 84 mm	168 x 84 mm	168 x 84 mm
⚖️ Weight:	12 kg	12 kg	13 kg
🔧 Direct mounting:	19 mm Weldon (3/4")	19 mm Weldon (3/4")	–
🔧 Industrial holder:	–	–	MK 2, 19 mm Weldon (3/4")
⚙️ Gear stage 1:	450 min ⁻¹	430 min ⁻¹	250 min ⁻¹
⚙️ Gear stage 2:	–	760 min ⁻¹	450 min ⁻¹
💧 Internal lubrication:	✓	✓	✓
🔧 Core drill, short 30 mm:	12 – 32 mm	12 – 35 mm	12 – 40 mm
🔧 Core drill, long 55 mm:	12 – 32 mm	12 – 35 mm	12 – 40 mm
🔧 Twist drills:	≤ ø 13 mm	≤ ø 16 mm	≤ ø 18 mm

MABasic – 230 Volt

MABasic – 110 Volt

BDS recommends standard series full-cut core drills. Precision production with high-speed steel.

BDS Maschinen manufactures the core drills of this series using the most modern CNC-controlled grinding centres. It is the basic range for professional use. The precision core drills are distinguished by good swarf removal and drills with low pressing force requirement.

The standard series is manufactured in sizes from ø 12 mm to ø 130 mm and cutting depths from 30 mm, 55 mm and 110 mm length.



Scan the QR code!
The Standard series can be found in the electronic BDS catalogue from page 48 onwards. Have fun browsing.

The StarterKIT is the basic equipment for your BDS magnetic core drilling machine.

Get started with the right equipment. Suitable for any magnetic core drilling machine. A package with a particularly nice price.

- ▶ 5 Standard series short core drills in the most common diameters: 14, 18, 22 mm.
- ▶ 1 litre BDS 5000 high-performance cutting oil.
- ▶ 1 BDS PowerWORKER – dispels swarf. simply practical!



BDS StarterKIT

ORDER NO.

ZST 100

Content: 1 Standard core drill box each with
2 KBK 014 – ø 14 mm
2 KBK 018 – ø 18 mm
1 KBK 022 – ø 22 mm
1 l BDS 5000 high-performance cutting oil
1 BDS PowerWORKER