

# MAB 1300

Superior performance with exceptional power delivery.

## THE STRONGEST OF THE STRONG!

Pure power! 2,300 W motor power, four speed and a full package of features leave nothing undesired. The MAB 1300 goes to the limit of magnetic core drill technology.

Full wave control electronics

Overheating protection

Torque control

Clockwise/anticlockwise rotation

Magnet indicator

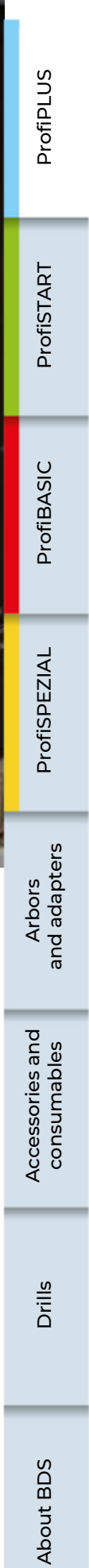
Permanent internal lubrication

Drilling of diameters up to 130 mm





The MAB 1300 magnetic core drilling machine is currently the strongest magnetic core drilling machine available with a reversible motor. The appearance of these drills alone shows what they are about: Pure power! 2,300 W powerful motor, four-speed gear-box and a full package of features leave nothing to be desired. This magnetic core drilling machine meets all the requirements made by heavy-duty structure engineering, shipbuilding, and mechanical engineering. Core drilling capacity up to 130 mm diameter (30 mm cutting depth) is possible. The full range of the BDS core drills can thus be utilized to its full extent. As standard, the MAB 1300 has a direct arbor with a 32 mm Weldon shank. Without the solid steady, which can be removed very easily, the stroke of the drill increases to an impressive 310 mm. The MAB 1300 magnetic core drilling machine is also fully equipped with all the safety features of modern magnetic core drill technology. The premium feature of the MAB 1300 is the Power-Assist, servo-assisted drilling for effortless drilling, especially for larger diameters.



| MAB 1300                         |                             |
|----------------------------------|-----------------------------|
| Motor output                     | 2,300 W                     |
| Voltage                          | 230 V AC, 50 – 60 Hz        |
| Stroke/without steady            | 85/310 mm                   |
| Magnet dimensions                | 120 x 360 x 65 mm           |
| Weight                           | 51 kg                       |
| Spindle taper                    | MT 4                        |
| Gear 1 range: 30 – 80 rpm        | Gear 2 range: 50 – 120 rpm  |
| Gear 3 range: 130 – 350 rpm      | Gear 4 range: 210 – 550 rpm |
| Safety clutch                    | ✓                           |
| Permanent internal lubrication   | ✓                           |
| Torque control                   | ✓                           |
| Full wave control electronics    | ✓                           |
| Magnet indicator                 | ✓                           |
| Overheating protection           | ✓                           |
| Clockwise/anticlockwise rotation | ✓                           |
| Carbon brush wear indicator      | ✓                           |
| Power-Assist servo drilling      | ✓                           |
| MAB 1300 230 V                   | ✓                           |
| MAB 1300 110/125 V               |                             |

| Included in delivery                         |  |
|--|--|
| 1 Magnetic core drilling machine             |  |
| 1 Carry case on wheels                       |  |
| 1 Safety lashing strap                       |  |
| 1 Offset screwdriver size 4, 6, 8            |  |
| 1 Ejector pin ZAK 075, 090, 100, 120         |  |
| 1 Ejector drift MT 4                         |  |
| 1 Bushing ZAP 200 from Weldon 32 mm to 19 mm |  |
| 1 Operating instructions                     |  |

| Core drill            | Twist drill | Reamer  | Countersink | Tapping |
|-----------------------|-------------|---------|-------------|---------|
| Max. Ø 130 mm         | Ø 45 mm     | Ø 50 mm | Ø 80 mm     | M42     |
| Cutting depth:        |             |         |             |         |
| 30 - 55 - 75 - 110 mm |             |         |             |         |



**Note:**  
When using core drills with a cutting depth of 110 mm, the steady must be removed. In addition, you require a MT 4 ZIA 419-KN or ZIA 432-KN industrial arbor.