



ALFRA - Germany
Rotabest New Mini 40/2 Oil Bath
(Alfra : Magnetic Drilling Machines)

The Advantageous

- Through its low weight ideally suited for overhead work, power line building, steel construction, workshop and outside work
- High magnet adhesion power of 12.000 N for added safety on uneven surface and thin steel plate at 4 mm thickness
- New design and robust
- Equipped with a new Guide Rail for a better stability
- New improved printed circuit board / PCB
- Membrane keyboard, protection against dirt, oil, etc
- Strong torque in drilling
- Built in tool holder with integrated internal cooling
- Fully ball bearing and Safety Clutch
- Protective insulation and radio interference suppressed
- Complies with VDE and CEE regulations
- Handy sets in new transport case



Technical Data

Input	: 1.200 W
Speed under load	: 250 / 450 Rpm
Tool adaptor	: 19 mm Weldon
Cooling	: Internal
Voltage	: 230 V
Magnet adhesion	: 12.000 N
Magnet foot	: 92 x 200 mm
Type of magnet foot	: Not movable
Weight	: 15 Kg
Order #	: 18510

Capacity

Core drill	: Ø 12 - 40 mm
Cutting depth	: 50 mm
Twist drill	: Ø 1 - 13 mm, with drill chuck



ALFRA - Germany
Rotabest 60 Weldon
(Alfra : Magnetic Drilling Machines)

New Development : Rotaquick & MPI

- Powerful Motors with high torques and a range from 900 to 1.800 W, ergonomic design, perfect technology.
- Magnet feet with 3 instead of 2 coils and with the new M.P.I. magnet system (Magnetic Power Increase). Electronic increase of magnetic adhesion at the start of the drilling operation, when strongest adhesion is required
- Pressed-in brass rings for an improved protection of the magnet coils.
- Continuously adjustable motor on the slide for a maximum stroke enlargement, when using twist drills, drill chucks and tapping attachments.
- Durable keyboard with flat cable. Panel slopingly arranged, directly in sight of the user.
- Newly designed gear-housing with integrated motor support.
- Trouble with ordinary dovetail or pillar guides? Solid brass guide rails guarantee an optimum slide guidance.
- The heart of our Magnetic Drilling Machines : Robust electronic switch units, interchangeable with all types of the new Generation. Easy to approach for a quick service.
- Quick change of the coolant unit when drilling overhead.
- The jackscrews for the slide guidance are no longer on the front side, but on the back side of the panel.



Capacity

Core drill : Ø 12 - 60 mm
Cutting depth : 50 mm
Twist drill : Ø 1 - 16 mm, with drill chuck
Tap : -

Technical Data

Input : 1800 W
Speed under load : 230 / 560 Rpm
Tool adaptor : 19 mm Weldon
Cooling : Internal
Voltage : 230 V
Magnet adhesion : 20.000 N
Magnet foot : 80 x 230 mm
Type of magnet foot : Not movable
Weight : 22 Kg
Order # : 18621



ALFRA - Germany
Rotabest 100 Oil Bath
(Alfra : Magnetic Drilling Machines)

New Development : MPI

- Oil Gear Box Powerful Motors with high torques, ergonomic design, perfect technology.
- Magnet feet with 3 instead of 2 coils and with the new M.P.I. magnet system (Magnetic Power Increase). Electronic increase of magnetic adhesion at the start of the drilling operation, when strongest adhesion is required
- Pressed-in brass rings for an improved protection of the magnet coils.
- Continuously adjustable motor on the slide for a maximum stroke enlargement, when using twist drills, drill chucks and tapping attachments.
- Durable keyboard with flat cable. Panel slopingly arranged, directly in sight of the user.
- Newly designed gear-housing with integrated motor support.
- Trouble with ordinary dovetail or pillar guides? Solid brass guide rails guarantee an optimum slide guidance.
- The heart of our Magnetic Drilling Machines : Robust electronic switch units, interchangeable with all types of the new Generation. Easy to approach for a quick service.
- Quick change of the coolant unit when drilling overhead.
- The jackscrews for the slide guidance are no longer on the front side, but on the back side of the panel.



Technical Data

Input	: 1.800 W
Speed under load	: 110 / 175 / 245 / 385 Rpm
Tool adaptor	: MT 3 or Tool holder AMK 3 / AL 3
Cooling	: Via Tool holder
Voltage	: 230 V
Magnet adhesion	: 20.000 N
Magnet foot	: 85 x 235 mm
Type of magnet foot	: Movable 30 mm back and forward Rotating 30°
Weight	: 28 Kg
Order #	: 18630

Capacity

Core drill	: Ø 12 - 100 mm
Cutting depth	: 50 mm / 100 mm
Twist drill	: Ø 32 mm
	: Ø 1 - 16 mm with Drill Chuck
Tap	: M 27



ALFRA - Germany
 Rotabest Vacuum Attachment
 Vacubest
 (Alfra : Magnetic Drilling Machines)

ALFRA Rotabest Vacuum Attachment "Vacubest"

- This attachment permits the use of our core drilling machines with all their advantages on non-magnetic, dense, level surfaces such as aluminium, copper, brass, chrome-nickel steel (INOX, V2A, V4A) and plastics
- The surface must be clean and even, slight traces of dirt within the twin chambers are acceptable.

This has proved to be satisfactory in :

- Aircraft construction
- Truck body construction
- Bus construction
- Shipbuilding
- Tank construction in the chemical industry (Especially chrome-nickel steels)

Capacity

Vacuum capacity : 1.5 m³/h - 25 l/min

Max. Vacuum : 200 mbar (abs)

Overpressure : 300 mbar

Dimensions of twin : 400 x 200 mm

Order # : 18150



ALFRA - Germany
 Rotabest Attachment for Clamping
 Pipes
 (Alfra : Magnetic Drilling Machines)

Attachment for Clamping Pipes

- For outdoor work as well as in workshops
- Our mechanic pipe clamping device with tension chain allows the use of our ROTABEST core drilling machines on pipe from 80 up to 300 mm dia. (larger sizes on request) in every position even on stainless steel, aluminium, brass or plastics.

The clamping device can be fixed quickly and easily on pipes of different diameters - adjustment being made by movable tension catches

- Put tension chain around the pipe, pass through the clamping device and prestress.
- Mount core drilling machine, switch on the magnet and tighten the magnet safety screws on both sides.
- Adjust core drilling machine and tighten the tension chain by means of the adjustable crank handle.
- Ready for drilling.
- Before drilling a new hole on the same pipe only release the crank handle, adjust the drilling machine on the next spot and tighten the tension chain again.

Recommended drilling capacity up to Ø 50 mm

Rotabest New Mini 40/2

Rotabest 60 WLD

Rotabest New Master 100/4

DACH Master 100/4

Blue MD 300 N Semi Auto

Blue MD 350 N

Blue ME 5000/2

Attachment with tension chain

Attachment with 1 tension chain Ø 80 - 300 mm, weight 7.5 kg : **Order # 18019**

Attachment with 2 tensions chain Ø 80 - 900 mm, weight 12 kg : **Order # 18020**

For more info or catalog, please send email to tools@bumi.info

Related Product:

- [Rotabest New Mini 40/2 Oil Bath](#)
- [Rotabest 100 Oil Bath](#)
- [DACH Master 100/4](#)
- [MD 300 N Semi Automatic](#)
- [MD 350 N](#)
- [MD 500 / 2](#)