



Core drilling machine, Type: MAB1300



Order data

Order number	076535 MAB1300
GTIN	4250187507151
Item class	07E

Description

Version:

- **Integral internal lubrication system, magnetic indicator for monitoring the magnetic clamping force.**
- **Integral cutting oil container, complete cable routing within the casing.**
- **Oil bath gearbox.**

The most powerful magnetic core drilling / broaching machine on the market, with 2300-Watt motor, **core drilling up to Ø 130 mm and thread tapping up to M42**. Motor with wide range of speeds (30 – 550 rpm), 3-coil magnet for extremely high clamping force. New counterholder for easy conversion between core drills and twist drills. **Servo-support** for drilling with almost no applied force. **Supplied with core drills dia. 17.5 / 21 / 24 mm, cutting depth 55 mm. Thread tapping adapters M20 / M24 / M27.**

Application:

The stepless speed control through the high ratio reduction gearbox permits the use of taps, jobber drills, reamers, countersinks and core drills for all material grades.

Supplied with:

Includes carrying case, core drill holder, ejector pin for core drills, safety chain, **magnetic swarf hook**, lubrication system and operating tools.

Note:

- **See No. 118780 to 118825 for core drills.**

- **Core drilling machines with automatic feed, vacuum clamping plate and pipe clamping fixtures available on request.**
- **Pneumatic core drilling machines with ATEX standard available on request.**

Technical description

maximum reamer \varnothing	50 mm
Manufacturer's designation	MAB1300
Width of the magnetic base	360 mm
Tool arbor size	19 mm, 32 mm Weldon
Weight	51 kg
Working stroke	310 mm
maximum machine tap \varnothing in steel	M42 mm
Length	495 mm
Tool arbor shape	MT4
Width	255 mm
Speed range 2nd speed	50 - 120 min ⁻¹
Height	560 mm
maximum countersink \varnothing	80 mm
maximum twist drill size \varnothing in steel	45 mm
Length of magnetic base	120 mm
Speed range 3rd speed	130 - 350 min ⁻¹
Speed range 1st speed	30 - 80 min ⁻¹
Speed range 4th speed	210 - 550 min ⁻¹
Power consumption	2300 W
maximum core drill \varnothing in steel	130 mm
Power supply	Mains operated
Packaging	Carrying case
Type of product	Core drilling machine

Accessories

Carbide core drillDepth of cut 30 mm Ø DC 25 mm	118780 25
Carbide core drillDepth of cut 30 mm Ø DC 26 mm	118780 26
Carbide core drillDepth of cut 30 mm Ø DC 15 mm	118780 15
Carbide core drillDepth of cut 30 mm Ø DC 21 mm	118780 21
HSS core drill set	118825
Carbide core drillDepth of cut 30 mm Ø DC 19 mm	118780 19
Carbide core drillDepth of cut 30 mm Ø DC 14 mm	118780 14
Carbide core drillDepth of cut 30 mm Ø DC 24 mm	118780 24
Carbide core drillDepth of cut 30 mm Ø DC 16 mm	118780 16
Carbide core drillDepth of cut 30 mm Ø DC 18 mm	118780 18
Carbide core drillDepth of cut 30 mm Ø DC 17 mm	118780 17
Carbide core drillDepth of cut 30 mm Ø DC 22 mm	118780 22
Carbide core drillDepth of cut 30 mm Ø DC 20 mm	118780 20
Carbide core drillDepth of cut 30 mm Ø DC 23 mm	118780 23