



## SB core drilling machine, Type: MAB525



### Order data

Order number	076536 MAB525
GTIN	4250187513701
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.**

Core drilling machine with **Swivel Base**, an **adjustment option with the magnet switched on**. Swivel range up to 20° to either side and a stepless forwards and backwards adjustment (15 mm). Powerful all-round machine for all material types, for drilling, **tapping**, reaming, and countersinking. **Reversible**, full wave electronic controls, toolholder with **keyless quick-change clamping system** and thermal overload protection allow for a wide variety of applications. **Supplied with core drills dia. 14 / 18 / 22 mm**, cutting depth 30 mm; **with quick-release drill chuck SSBF 1 – 16 mm**. **Thread tapping adapters M10 / M12 / M16**.

#### 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 case, core drill holder, ejector pin for core drill, safety chain, **magnetic swarf hook**, lubrication system and operating tool.

#### 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

Width of the magnetic base	180 mm
Power consumption	1600 W
Manufacturer's designation	MAB525
Tool arbor shape	MT3
Speed range 2nd speed	180 - 580 min <sup>-1</sup>
Tool arbor size	19 mm Weldon
maximum countersink Ø	50 mm
Working stroke	160 mm
Length of magnetic base	90 mm
maximum machine tap Ø in steel	M20 mm
maximum twist drill size Ø in steel	20 mm
Speed range 1st speed	70 - 280 min <sup>-1</sup>
maximum core drill Ø in steel	50 mm
maximum reamer Ø	20 mm
Length	295 mm
Width	171 mm
Weight	16 kg
Height	492 mm
Power supply	Mains operated
Type of product	Core drilling machine