



## Core drilling machine, Type: MAB825



### Order data

Order number	076535 MAB825
GTIN	4250187507571
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 heavy-duty power package. Core drills up to Ø 100 mm. **Thread tapping up to maximum M30** using the adapter supplied. MT3 tool arbor with **keyless quick-change clamping system**. Thermal cut-out and clutch protect machine and tool. Motor with 4-speed gearbox, full wave electronic controls and torque limit cut-out permits best speed settings with no loss of power. **Supplied with core drills dia. 17.5 / 21 / 24 mm**, cutting depth 55 mm; **thread tapping adapters M20 / M24 / M27**.

#### 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.**

Packaging: Carrying case  
 Manufacturer's designation: MAB825  
 Power consumption: 1800 W  
 Speed range 1st speed: 40 - 110 rpm  
 Speed range 2nd speed: 65 - 175 rpm  
 Speed range 3rd speed: 140 - 360 rpm  
 Speed range 4th speed: 220 - 600 rpm

## Technical description

Tool arbor shape	MT3
Manufacturer's designation	MAB825
Speed range 2nd speed	65 - 175 rpm
Width	240 mm
maximum twist drill size Ø in steel	31.75 mm
Speed range 1st speed	40 - 110 rpm
maximum reamer Ø	31.75 mm
Tool arbor size	19 mm, 32 mm Weldon
Length	370 mm
maximum core drill Ø in steel	100 mm
Weight	25 kg
Working stroke	255 mm
maximum machine tap Ø in steel	M30 mm
Speed range 3rd speed	140 - 360 rpm
Width of the magnetic base	220 mm
maximum countersink Ø	50 mm
Power consumption	1800 W
Speed range 4th speed	220 - 600 rpm
Height	475 mm
Length of magnetic base	110 mm
Power supply	Mains operated
Packaging	Carrying case

Type of product

Core drilling machine

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**Accessories**

Carbide core drill Depth of cut 30 mm Ø DC 14 mm	118780 14
Carbide core drill Depth of cut 30 mm Ø DC 15 mm	118780 15
Carbide core drill Depth of cut 30 mm Ø DC 17 mm	118780 17
Carbide core drill Depth of cut 30 mm Ø DC 23 mm	118780 23
Magnetic swarf catcher with scraper	084520
Carbide core drill Depth of cut 30 mm Ø DC 24 mm	118780 24
Carbide core drill Depth of cut 30 mm Ø DC 18 mm	118780 18
HSS core drill set	118825
Carbide core drill Depth of cut 30 mm Ø DC 25 mm	118780 25
Carbide core drill Depth of cut 30 mm Ø DC 16 mm	118780 16
Carbide core drill Depth of cut 30 mm Ø DC 21 mm	118780 21
Carbide core drill Depth of cut 30 mm Ø DC 19 mm	118780 19
Carbide core drill Depth of cut 30 mm Ø DC 22 mm	118780 22
Carbide core drill Depth of cut 30 mm Ø DC 26 mm	118780 26
Carbide core drill Depth of cut 30 mm Ø DC 20 mm	118780 20