

Magnetic core drill

OPTIdrill DM 35PF

Premium machine offers maximum feature set, automatic sleeve feed and return as standard

OPTIMUM[®]
MASCHINEN - GERMANY

Article number ▼

3071435

Brand ▼

Optimum

Availability ▼

In stock
Immediate delivery

Catalog directory ▼

Metalworking machines » Drilling machines
» Magnetic core drills

Purchase ▼

Minimum 1 pc(s).




Delivery content ▼

- Coolant tank
- Safety strap
- Tool
- quick-change drill chuck

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	355 mm	Gross	23 kg	Delivery	Carrier	DualUse	✘
Width	260 mm	Net	18 kg	Content	1 pc(s).	SCIP	n/a
Height	430 mm					SVHC	No

Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 China	4030635038716	84592900	pc(s).



Description ▼

- Stable drill guide due to long and low-mounted sleeve holder
- Devices are grounded with dual insulation, and are thus ideal for the construction site
- High magnetic holding force
- Soft start is gentle on the motor and extends the service life
- Automatic internal lubrication, the coolant is fed directly to the core drill tip
- High quality design
- Conversion from core to full drilling in just a few steps
- Internal self-lubricating function guarantees a longer transmission service life.
- Magnetic base has a wear-resistant design to enhance the service life of the magnetic base and thus extend the maximum magnetic holding force

DM 35PF

- Sleeve feed
- Automatic return to starting position

Equipment details:

Motor

- Powerful motor with high torque, low maintenance

Coolant tank

- Removable coolant tank
- External fastening
- Carefully considered and practical

Guides

- Safe guides for stability and precision

Housing

- Compact and rugged

Handles

- Ergonomic, robust handles for "balanced" holding/fastening of the machine
- Robust crank

DM 35PF only

- Sleeve feed
- Controlled return to starting position

Media informations ▼



Picture with optionally available core drill



Piston drive

- Automatic
- Backwards direction



Control panel

- Confusion-free and ergonomic arrangement of the switches



Automatic internal lubrication

- The coolant is fed directly to the tip of the core drill bit
- No dry running and overheating of the drill bit
- No unnecessary use of coolant
- Tool life and work results are significantly improved



Coolant tank

- Removable coolant tank
- External mounting
- Sophisticated and practical



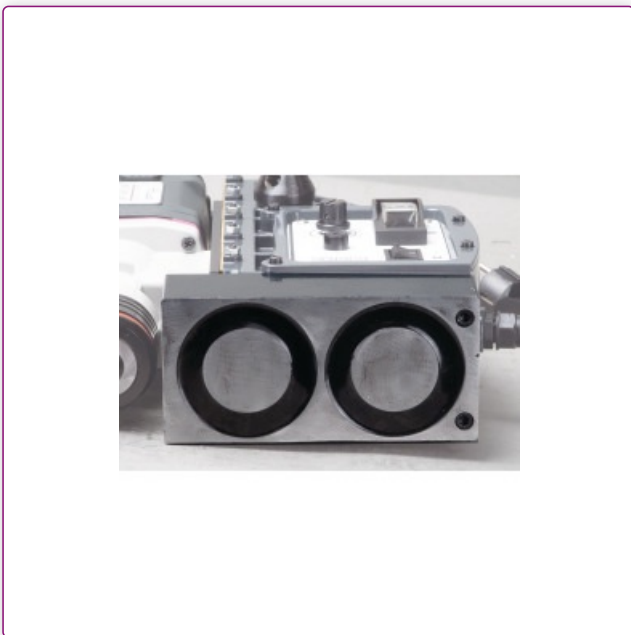
Motor

- Powerful motor with high torque and low maintenance



Handles

- Ergonomic robust handles for "balanced" holding / fastening of the machine
- Robust crank handle



Magnet foot

- Magnet force monitoring (if there is not enough metal or the magnets fail, the machine stops automatically).
- Wear-resistant design to extend the life of the magnet base and thereby the maximum magnetic holding force



Guides

- Safe guides for stability and precision
- Vario machines with low-wear brass guides



Metal box

- For convenient transport and optimum protection
- Ideal protection of the machines even in hard use.
- for the machines DM 35PF and DM 50PM

Technical data ▼

Dimensions and weights			
Length (product) approx.	350 mm	Width/depth (product) approx.	250 mm
Height (product) approx.	430 mm	Net weight approx.	14 kg
Drive output			
Absorbed power drive motor	1.6 kW		
Collet			
Spindle chuck	fixed	Drill adapter	Weldon 3/4"
Speed range			
Idling speed(s) (CW run)	810 min ⁻¹		
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Standards and certifications			
EMV-Class	C2	Protection class	IP 42
Magnet			
Magnetic holding force	16 kN	Magnet base length	166 mm
Magnet base width	80 mm		
Core drills			
Core drills Ø max. with manual feed	35 mm	Max. drilling depth core drilling with manual feed	35 mm

Equipment ▼

Spindle sleeve feed	automatic	
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