

Magnetic core drill

OPTIdrill DM 50V

Premium machine with continuously variable speed control and maximum feature set



Article number ▼

3071150

Brand ▼

Optimum

Availability ▼

No stock available

Information:

Next availability

Expected on calendar week 42/2023

Catalog directory ▼

Metalworking machines » Drilling machines

» Magnetic core drills

Purchase ▼

Minimum 1 pc(s).




Delivery content ▼

- Transport case
- Operating tool
- Safety strap
- quick-change drill chuck

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	565 mm	Gross	16 kg	Delivery	Delivery service	DualUse	✘
Width	155 mm	Net	11 kg	Content	1 pc(s).	SCIP	n/a
Height	355 mm					SVHC	No

Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 China	4030635038761	84592900	pc(s).



Description ▼

- Great performance despite small size and low weight
- Stable drill guide due to long and low-mounted sleeve holder
- Device is ground with dual insulation, and thus ideal for the construction site
- With cooling - coolant is fed through the drill tip
- Conversion from core to full drilling in just a few steps
- Safe and reliable function
- Internal self-lubricating function guarantees a longer transmission service life.
- High magnetic holding force
- Magnetic base has a wear-resistant design to enhance the service life of the magnetic base and thus extend the maximum magnetic holding force

Equipment details:

Motor

- Powerful motor with high torque, low maintenance

Guides

- Safe guides for stability and precision

Control panel

- Confusion-free and ergonomic arrangement of switches

Handles

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

Media informations ▼



Picture with optionally available core drill



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



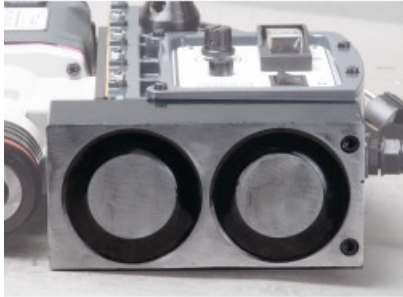
Motor

- 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



Circular level

- for perfect alignment



Transport box

- For convenient transport and optimum protection
- Ideal protection of the machines even in hard use.

Technical data ▼

Dimensions and weights			
Length (product) approx.	250 mm	Width/depth (product) approx.	220 mm
Height (product) approx.	300 – 470 mm	Net weight approx.	11 kg

Drive output			
Absorbed power drive motor	1.7 kW		
Collet			
Spindle chuck	fixed	Drill adapter	Weldon 3/4"
Speed range			
Idling speed(s) (CW run)	100 – 810 min ⁻¹	Speed control	stepless
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Standards and certifications			
EMV-Class	C2	Standard	DIN EN 55011
Protection class	IP 42		
Magnet			
Magnetic holding force	15.6 kN	Magnet base length	166 mm
Magnet base width	80 mm		
Core drills			
Core drills Ø max. with manual feed	50 mm	Max. drilling depth core drilling with manual feed	50 mm
Full drills			
Drill Ø max. full drilling directly mounted	13 mm		

Equipment

Vario drive		Spindle sleeve feed	Manual
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