

Magnetic core drill OPTIdrill DM 50PM

OPTIMUM[®]
MASCHINEN - GERMANY

With permanent magnet impresses with amazing drilling performance

Article number ▼

3071550

Brand ▼

Optimum

Availability ▼

In stock
Immediate delivery

Catalog directory ▼

Metalworking machines » Drilling machines
» Magnetic core drills

Purchase ▼

Minimum 1 pc(s).




Delivery content ▼

- Metal case
- Coolant tank
- Safety strap
- Tool

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	355 mm	Gross	14 kg	Delivery	Delivery service	DualUse	✘
Width	260 mm	Net	8.2 kg	Content	1 pc(s).	SCIP	n/a
Height	430 mm					SVHC	No

Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 China	4030635038709	84592900	pc(s).



Description ▼

- Permanent magnet: current independent and thus 100% safe
- Magnetic base with high holding force allows for working on vertical surfaces and above head
- Stable drill guide due to long and low-mounted sleeve holder
- Ideal for the construction site: grounded with dual insulation
- Soft start is gentle on the motor and extends the service life
- Safe switch arrangement
- Automatic internal lubrication: coolant is fed directly to the tip of the core drill
- High quality design
- Internal self-lubricating function for a longer transmission service life
- External coolant tank for easily dosable internal cooling of the core drill
- Conversion from core to full drilling in just a few steps
- Carrying handle for convenient carrying and lifting

Equipment details:

Permanent magnet

- Current-independent and thus 100% safe

Coolant tank

- removable
- External fastening
- Carefully considered and practical

Switch arrangement

- Clear-cut control element

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



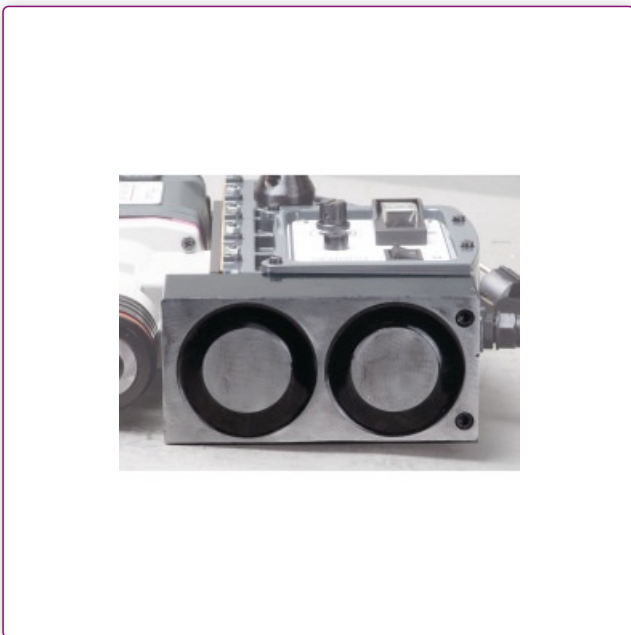
Motor

- 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



Permanent magnet

Current-independent permanent magnet 100% safe



Two magnets

- Individually switchable
- The machine can be moved to check or clean the hole without losing the position on the pipe



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.	340 mm	Width/depth (product) approx.	250 mm
Height (product) approx.	430 mm	Net weight approx.	11.7 kg
Collet			
Spindle chuck	fixed	Drill adapter	Weldon 3/4"

Speed			
Number of gears	2		
Speed range			
Idling speed(s) (CW run)	20 – 280 / 36 – 510 min ⁻¹	Speed control	stepless
Electrical Data			
Drive motor output	1.7 kW	Supply voltage	230 V
Mains frequency	50 Hz		
Standards and certifications			
EMV-Class	C2	Protection class	IP 42
Magnet			
Magnetic holding force	6.5 kN	Magnet base length	186 mm
Magnet base width	40 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 ▼

Permanent magnet	✓	Spindle sleeve feed	Manual
------------------	---	---------------------	--------

Accessories ▼

	Core drill set HSS TiAlN 30 Five HSS and one TiAlN core drill in a practical plastic case		Price informations ▼
	Article number ▼ 3072010 Availability ▼ In stock Immediate delivery Purchase ▼ Minimum 1 pc(s).		
	Core drill set TiAlN 30 Core drills with hard and smooth TiAlN coating, 6-part		Price informations ▼
	Article number ▼ 3072020 Availability ▼ In stock Immediate delivery Purchase ▼ Minimum 1 pc(s).		

Prices on this data sheet are recommended retail prices, subject to change, in €, plus VAT at the statutory rate, plus packaging, shipping, transport, unloading, assembly and, if applicable, instruction costs. Sales prices of the dealers can deviate. No liability is accepted for printing errors, mistakes or incorrect presentation. Technical and optical changes are reserved. Illustration partly with optional accessories.