

## Magnetic core drill

### OPTIdrill DM 50

**OPTIMUM**<sup>®</sup>  
MASCHINEN - GERMANY

Premium machine offers maximum feature set

#### Article number ▼

3071050

#### 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

#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	505 mm	Gross	18 kg	Delivery	Delivery service	DualUse	✘
Width	155 mm	Net	11 kg	Content	1 pc(s).	SCIP	n/a
Height	415 mm					SVHC	No

#### Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 China	4030635038785	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
- Overload protection
- 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
- Quick release chuck included as standard

## 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



**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



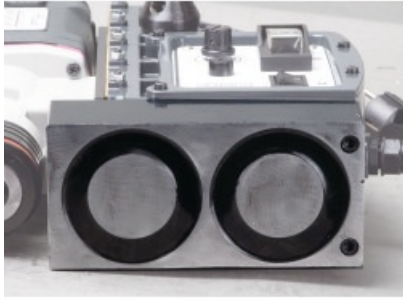
### Motor

- 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



**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.	370 mm	Width/depth (product) approx.	180 mm
Height (product) approx.	580 mm	Net weight approx.	10,6 kg

Drive output			
Absorbed power drive motor	1.75 kW		
Collet			
Spindle chuck	fixed	Drill adapter	Weldon 3/4"
Speed range			
Idling speed(s) (CW run)	790 min <sup>-1</sup>		
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Standards and certifications			
EMV-Class	C2	Protection class	IP 42
Magnet			
Magnetic holding force	14.5 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

Spindle sleeve feed	Manual	
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