

## Magnetic core drill

### OPTIdrill DM 36VT

Powerful multifunctional machine with thread tapping function for professional deployment in industry and trades.

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

#### Article number ▼

3071236

#### Brand ▼

Optimum

#### Availability ▼

In stock

Immediate delivery

#### Catalog directory ▼

Metalworking machines » Drilling machines

» Magnetic core drills

#### Purchase ▼

Minimum 1 pc(s).




#### Delivery content ▼

- Transport case
- Coolant tank
- Safety strap
- Tool
- 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	14 kg	Content	1 pc(s).	SCIP	n/a
Height	355 mm					SVHC	No

#### Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 China	4030635038730	84592900	pc(s).



## Description ▼

- High quality design
- Double dovetail guides
- Electronic pushbutton for directional change
- Ideal for construction site: ground and with dual insulation
- Stable drill guidance through long and low-mounted sleeve holder design
- Automatic internal lubrication: coolant is fed directly to the tip of the core drill
- Safe switch arrangement
- High magnetic force
- Oil sump transmission for a long service life
- Safe and reliable function
- MK spindle holder
- Conversion from core to full drilling with just a few steps

## 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



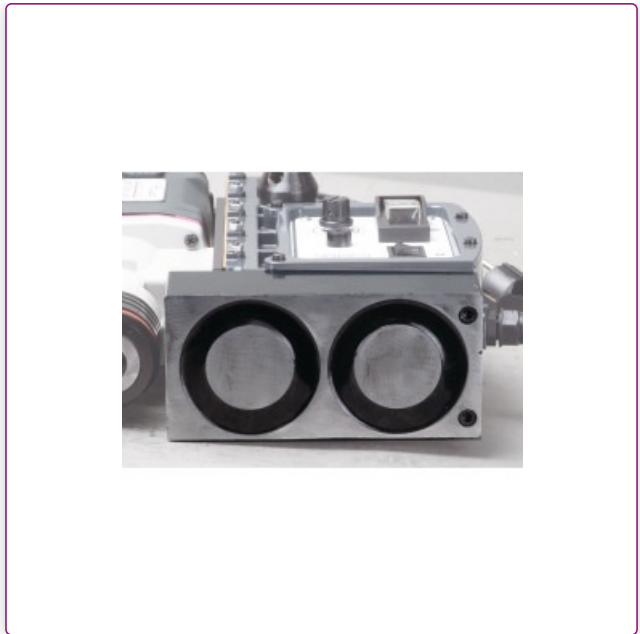
**Motor**

- 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



- Thread taping



- Spiral drilling



- Core hole drilling



**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.	360 – 530 mm	Net weight approx.	12 kg
Drive output			
Absorbed power drive motor	1.55 kW		
Collet			
Spindle chuck	fixed	Drill adapter	MK 2

Speed			
Number of gears	2		
Speed range			
Idling speed(s) (CW run)	15 – 270 / 29 – 520 min <sup>-1</sup>	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	14.2 kN	Magnet base length	166 mm
Magnet base width	80 mm		
Core drills			
Core drills Ø max. with manual feed	36 mm	Max. drilling depth core drilling with manual feed	35 mm
Full drills			
Drill Ø max. full drilling directly mounted	18 mm		

## Equipment

Vario drive		Thread tapping	
Spindle sleeve feed	Manual		

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