

## Gear drilling machine

### OPTIdrill DH 45 G

Heavy duty tapping attachment for industrial use

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

#### Article number ▼

3034255

#### Brand ▼

Optimum

#### Catalog directory ▼

Metalworking machines » Drilling machines  
» Transmission drilling machines » OPTIdrill  
DH 45G / DH 45V

#### Purchase ▼

Minimum 1 pc(s).



#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	2,245 mm	Gross	600 kg	Delivery	Carrier	DualUse	✘
Width	550 mm	Net	530 kg	Content	1 pc(s).	SCIP	n/a
Height	990 mm					SVHC	No



## Description ▼

- Heavy, solid cast construction
- Dirt and water resistant, easy to clean membrane keypad
- Electronics 24V DC
- Depth stop
- Automatic gear lubrication via oil pump
- Threading attachment
- Machine light integrated in the drill head
- Main switch
- Large, height-adjustable protective screen with safety switch for the utmost protection of the user
- Large dimensioned, solid drill table, precisely worked with parallel T-slots and circumferential cooling water channel, strongly ribbed on the back, tiltable  $\pm 90^\circ$  sideways
- Coolant system and external coolant tank can be removed for easy and complete emptying
- Extremely stable, thick-walled cast-iron column for high power consumption
- Solid base plate with parallel T-slots, precision surface finish
- Optional foot switch for switching between right-left rotation and thread cutting (article no. 3050032) available

### OPTidrill DH 45V

- Electrical quill feed

### OPTidrill DH 45G

- Mechanical quill feed

## Delivery content ▼

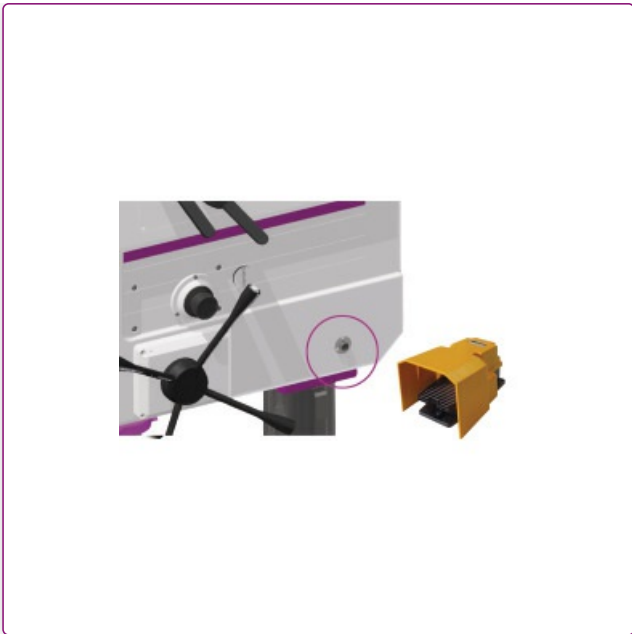
- Keyless chuck 1 - 16 mm
- Morse cone MK 4-B16
- operating tool

## Media informations ▼



**Ejector**

- For easy tool change



**Foot switch**

- Possibility to connect the optional foot switch for switching between clockwise/anticlockwise rotation and for thread cutting (article no. 3050032) available

**Technical data** ▼

<b>Dimensions and weights</b>			
Column diameter	150 mm	Length (product) approx.	880 mm
Width/depth (product) approx.	595 mm	Height (product) approx.	2445 mm
Net weight approx.	530 kg		
<b>Drilling performance</b>			
Drilling performance steel (S235JR)	40 mm	Continuous drilling performance steel (S235JR)	35 mm
Thread tapping steel (S235JR)	M 35		
<b>Drilling table</b>			
Drilling table workspace length	530 mm	Drilling table workspace width	530 mm
Drilling table T-groove size	18 mm	Drilling table T-groove number	3
Drilling table T-groove spacing	125 mm	Drilling table rotation	360 °
Drilling table angle	± 90 °	Drilling table load bearing capacity	250 kg
Max. distance spindle - drilling table	740 mm	Min. distance spindle - drilling table	130 mm
<b>Speed range</b>			
Speed range	90 – 1520 min <sup>-1</sup>	Number of gears	8 Steps
<b>Electrical Data</b>			
Supply voltage	400 V	Mains frequency	50 Hz
<b>Machine base</b>			
Max. distance spindle - machine base	1210 mm	Machine base workspace length	435 mm
Machine base workspace width	445 mm	Machine base T-groove size	18 mm
Machine base T-groove number	2	Machine base T-groove spacing	150 mm
<b>Spindle</b>			
Quill stroke	170 mm	Spindle chuck	MT 4
Reach	350 mm	Quill feed	automatic


Quill feed speed	0,1 – 0,2 mm/rev	Quill feed gears	3 Steps
<b>Motor(s)</b>			
Spindle motor drive output	2,2 kW	Coolant pump drive motor output	100 W

## Accessories



### Twist drill HSS with Morse taper

**MT 3**

**Article number **

3051003

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