

## Gear drilling machine

### OPTIdrill DH 35G

With coolant and thread cutting device

#### Article number ▼

3034250

#### Brand ▼

Optimum

#### Catalog directory ▼

Metalworking machines » Drilling machines

» Transmission drilling machines » OPTIdrill DH 35G / DH 35V

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



#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	2,240 mm	Gross	410 kg	Delivery	Carrier	DualUse	✘
Width	550 mm	Net	380 kg	Content	1 pc(s).	SCIP	n/a
Height	990 mm					SVHC	No



## Description ▼

- Dirt and water resistant, easy to clean membrane keypad
- Electronics 24V DC
- Depth stop
- Electrical quill feed
- Low-maintenance, running in closed oil bath gearbox
- 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 diagonal T-slots and all-round cooling water channel, strongly ribbed on the back, tiltable  $\pm 90^\circ$  sideways
- Coolant device integrated with coolant reservoir in the base plate
- Chip filter cleans the coolant from coarse components
- 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

## Delivery content ▼

- Keyless drill chuck 1 - 16 mm
- Morse taper MK 4/B16

## Media informations ▼

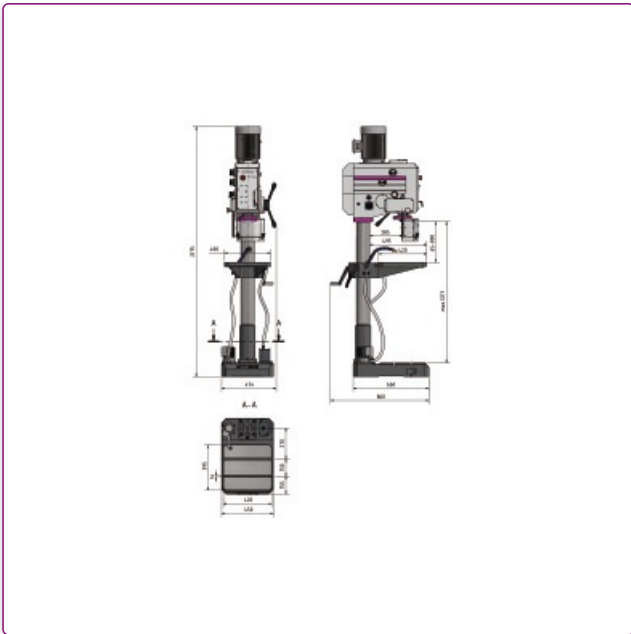


Fig. : DH 35G



### Automatic spindle sleeve feed

- The coupling of the automatic spindle sleeve feed can be opened or closed at any time for deep holes or blind holes by pressing the button on the feed handle



### Technical data ▼

Dimensions and weights			
Column diameter	115 mm	Length (product) approx.	860 mm
Width/depth (product) approx.	474 mm	Height (product) approx.	2175 mm
Net weight approx.	350 kg		
Drilling performance			
Drilling performance steel (S235JR)	35 mm	Continuous drilling performance steel (S235JR)	26 mm
Thread tapping steel (S235JR)	M 24		
Drilling table			
Drilling table workspace length	400 mm	Drilling table workspace width	420 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table T-groove number	2	Drilling table load bearing capacity	200 kg
Max. distance spindle - drilling table	800 mm	Min. distance spindle - drilling table	65 mm
Speed range			
Speed range	75 – 2000 min <sup>-1</sup>	Number of gears	8 Steps
Electrical Data			
Drive motor output	1,5 / 2,2 kW	Supply voltage	400 V
Mains frequency	50 Hz		
Machine base			
Max. distance spindle - machine base	1217 mm	Machine base workspace length	420 mm
Machine base workspace width	395 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	150 mm
Spindle			
Quill stroke	125 mm	Spindle chuck	MT 4
Reach	285 mm	Quill feed speed	0.05 – 0.15 mm/rev
Quill feed gears	3 Steps		
Motor(s)			
Coolant pump drive motor output	40 W		

### Accessories ▼



**Twist drill HSS with Morse taper**

**MT 3**

**Article number** ▼

3051003

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