

Upright drill

OPTIdrill DH 28GSV

With gear wheels made of polyamide

Article number ▼

3034235

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Transmission drilling machines » OPTIdrill DH GTV / GSV

Purchase ▼

Minimum 1 pc(s).

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	2,070 mm	Gross	230 kg	Delivery	Carrier	DualUse	✘
Width	480 mm	Net	175 kg	Content	1 pc(s).	SCIP	n/a
Height	890 mm					SVHC	No



Description ▾

- Frequency converter
- Digital speed display
- Smooth running thanks to ground multi-tooth driver
- High concentricity due to hardened and ground main spindle
- Low-maintenance gearbox with grease lubrication
- Gearbox with PA6 gears
- Large speed range
- User-friendly membrane keyboard
- Heavy, solid cast construction
- Large, height-adjustable protective screen with safety switch for the utmost protection of the user
- Drilling depth stop adjustable with millimeter scale
- Forward/reverse operation
- Tapping function
- Machine light integrated in the drill head
- Integrated expeller for easy tool change
- Precision machined drilling table with diagonal T-slots with all-round cooling water channel
- Thick-walled cast-iron column for high power absorption and stability
- Massive base plate, large dimensions and strongly ribbed on the back
- Optional foot switch for switching between right-left rotation and thread cutting (article no. 3050032) available

Delivery content ▾

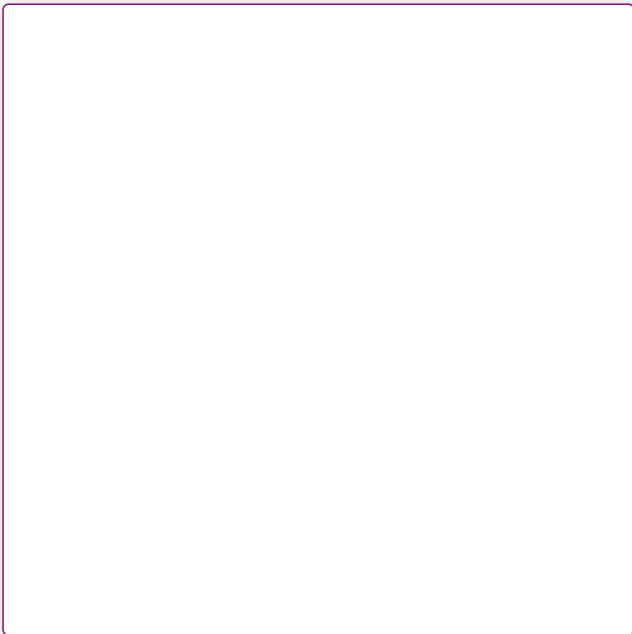
- Adapter MK3-B16

Media informations ▾



Control panel

- Easy to read, digital display for speed
- User-friendly membrane keypad



Technical data ▼

Dimensions and weights			
Column diameter	92 mm	Length (product) approx.	690 mm
Width/depth (product) approx.	375 mm	Height (product) approx.	2080 mm
Net weight approx.	184 kg		
Drilling performance			
Drilling performance steel (S235JR)	26 mm	Continuous drilling performance steel (S235JR)	23 mm
Thread tapping steel (S235JR)	M 16 x 2 mm		
Drilling table			
Drilling table workspace length	376 mm	Drilling table workspace width	394 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table T-groove number	2	Drilling table rotation	360 °
Drilling table load bearing capacity	100 kg	Max. distance spindle - drilling table	875 mm
Speed range			
Speed range	45 – 3200 min ⁻¹	Number of gears	4 Steps

Speed control	electronically adjustable	
Electrical Data		
Supply voltage	400 V	Mains frequency 50 Hz
Machine base		
Max. distance spindle - machine base	1285 mm	Machine base workspace length 350 mm
Machine base workspace width	356 mm	Machine base T-groove size 14 mm
Machine base T-groove number	2	Machine base T-groove spacing 120 mm
Standards and certifications		
Standard	DIN EN 55011	EMV-Class C2
Spindle		
Quill stroke	127 mm	Spindle chuck MK 3
Reach	260 mm	
Motor(s)		
Spindle motor drive output	1,5 kW	

Accessories ▼



Twist drill HSS with Morse taper MT 3

Article number ▼
3051003

OPTIMUM[®]
MASCHINEN - GERMANY