

Upright drill

OPTIdrill DH 32GSV

With gear wheels made of polyamide

Article number ▼

3034245

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	2,240 mm	Gross	369 kg	Delivery	Carrier	DualUse	✘
Width	550 mm	Net	304 kg	Content	1 pc(s).	SCIP	n/a
Height	990 mm					SVHC	No



Description ▼

- Frequency converter
- User-friendly membrane keyboard
- Digital speed display
- Tapping function
- 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
- 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
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OPTIdrill DH 32GSV

- Automatic quill feed
- Coolant device and chip filter according to Machinery Directive

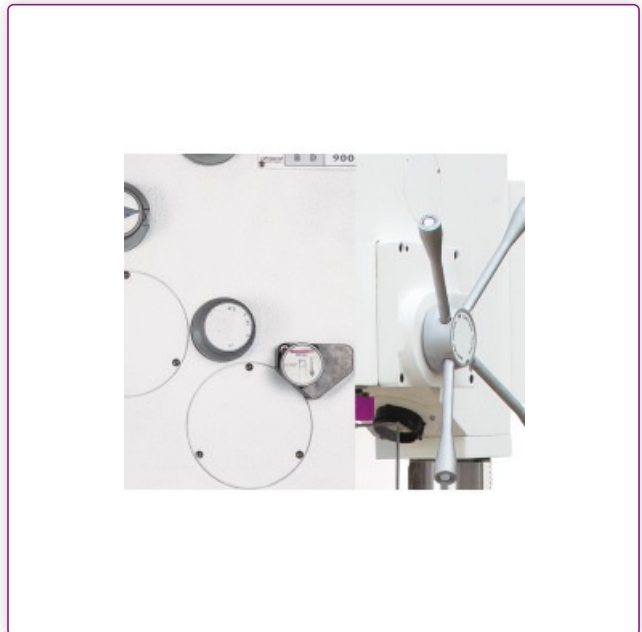
Delivery content ▼

- Adapter MK4-B16

Media informations ▼



OPTIdrill DH 32GSV with optional chuck



DH 32GSV automatic spindle sleeve feed

- Activation by the push-button in the quill lever. The feed is effected by an electromagnetic clutch. Switching off is done by the drilling depth stop or by pressing the pushbutton in the spindle sleeve lever again



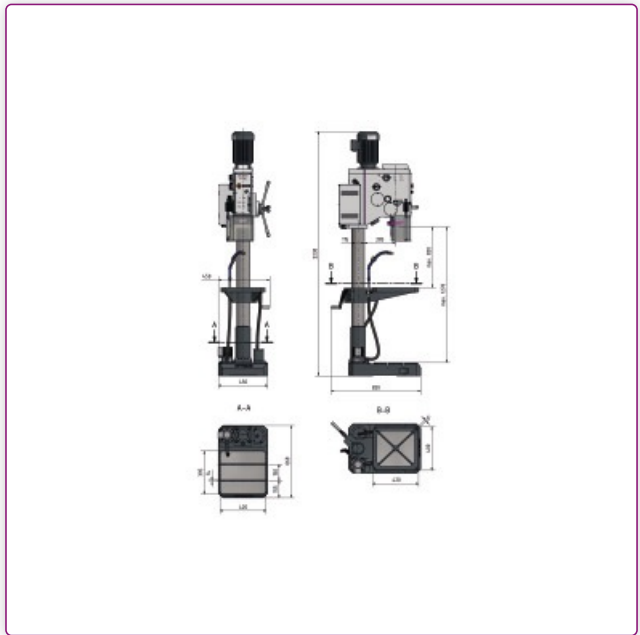
Control panel

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



SIEMENS SINAMICS V 20

- Energy saving features
- Advanced cooling
- Painted electronic assemblies



Technical data ▼

Dimensions and weights			
Column diameter	115 mm	Length (product) approx.	820 mm
Width/depth (product) approx.	450 mm	Height (product) approx.	2230 mm
Net weight approx.	324 kg		
Drilling performance			
Drilling performance steel (S235JR)	30 mm	Continuous drilling performance steel (S235JR)	26 mm
Thread tapping steel (S235JR)	M 16 x 2 mm		
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 rotation	360 °
Drilling table load bearing capacity	120 kg	Max. distance spindle - drilling table	820 mm
Speed range			
Speed range	40 – 3000 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	1270 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
Standards and certifications			
Standard	DIN EN 55011	EMV-Class	C2
Spindle			
Quill stroke	125 mm	Spindle chuck	MT 4
Reach	285 mm	Quill feed speed	0.05 / 0.1 mm/rev
Motor(s)			
Spindle motor drive output	2,2 kW	Coolant pump drive motor output	40 W

Accessories



Twist drill HSS with Morse taper

MT 3

Article number 

3051003

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