

Upright drill

OPTIdrill B 34H

Robust version with V-belt drive

Article number ▼

3020333

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with V-belt drive » OPTIdrill BH

Purchase ▼

Minimum 1 pc(s).

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	965 mm	Gross	313 kg	Delivery	Carrier	DualUse	✘
Width	600 mm	Net	260 kg	Content	1 pc(s).	SCIP	n/a
Height	2,140 mm					SVHC	No



Description ▼

- Smooth and powerful industrial electric motor
- Separate emergency stop impact switch
- Stable casting column
- depth stop
- Precisely machined drill table with diagonal T-slots and circumferential cooling water channel
- Drilling table 360 ° rotatable
- V-belt cover with safety switch
- V-belt quick-clamping device
- Long, ergonomic cast aluminum sleeve lever cast in one piece (B 16H / B 24H with softgrip handles)
- Massive, large base plate with grooves, strongly ribbed on the back
- By swinging away the drilling table, base plate can be used as a work surface for particularly high workpieces
- Guaranteed concentricity measured better than 0.015 mm in the drill quill
- Drill spindle with precision ball bearings
- High-quality OPTIMUM keyless chuck in the standard scope of delivery
- Large, height-adjustable protective screen with safety switch

from B 24H

- machine light

from B 24H / 400V

- Forward / reverse operation

from B 28H

- Easy tool change through integrated expeller
- Quillons made of steel

B 34H

- Digital depth gauge
- Digital speed display

Delivery content ▼

- Keyless chuck (1 - 16 mm)
- Morse taper MK4 / B16
- T-nuts

Media informations ▼



belt drive


- Smooth running thanks to ground multi-tooth driver
- Best power transmission through aluminum pulleys in conjunction with toothed GATES quality V-belt

Technical data ▼

Dimensions and weights			
Column diameter	115 mm	Length (product) approx.	918 mm
Width/depth (product) approx.	585 mm	Height (product) approx.	1895 mm
Net weight approx.	260 kg		
Drilling performance			
Drilling performance steel (S235JR)	34 mm	Continuous drilling performance steel (S235JR)	26 mm
Drilling table			
Drilling table workspace length	420 mm	Drilling table workspace width	400 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table rotation	360 °	Max. distance spindle - drilling table	790 mm
Speed range			
Speed range	145 – 4800 min ⁻¹	Number of gears	2 x 9 Steps
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Machine base			
Max. distance spindle - machine base	1275 mm	Machine base workspace length	390 mm
Machine base workspace width	390 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	150 mm
Spindle			
Quill stroke	160 mm	Spindle chuck	MT 4
Reach	285 mm		
Motor(s)			
Spindle motor drive output	1.50 / 2.20 kW	Number of gears spindle motor	2 Steps



Twist drill HSS with Morse taper
MT 3

Article number 
3051003

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