

Inexpensive bench/Upright drills with V-belt drive

Facts that impress in terms of quality, performance and price

- Precision drilling table, pivots through $\pm 45^\circ$
- Solid, generously dimensioned baseplate with grooves, rear with pronounced ribbing
- Quality proven in millions of applications

As of B 14

- T-slotnut for fastening vice

As of B 20

- Precise workmanship; stable drilling table with diagonal T-slots and all-around cooling water channel

As of B 20 / 400 V

- Right-handed/left handed rotation



Fig.: B 13

Fig.: B 14

Fig.: B 16

Fig.: B 20

Model	B 13	B 14	B 16	B 20	
Article no.	3008131	3008141	3008161	3008201	3008203
Technical specifications					
Electrical connection	230 V / 1 Ph ~50 Hz	230 V / 1 Ph ~50 Hz	230 V / 1 Ph ~50 Hz	230 V / 1 Ph	400 V / 3 Ph
Motor output	300 W	350 W	450 W	0.55 kW	
Drilling performance					
Drilling performance in steel (S235JR)	Ø 13 mm	Ø 14 mm	Ø 16 mm	Ø 20 mm	
Continuous drilling performance in steel (S235JR)	Ø 12 mm	Ø 12 mm	Ø 15 mm	Ø 18 mm	
Spindle					
Spindle sleeve stroke	50 mm	50 mm	65 mm	80 mm	
Throat	104 mm	104 mm	125 mm	170 mm	
Spindle seat	fixed/B16	fixed/B16	MT 2	MT 2	
Speeds					
Spindle speeds	520 - 2 620 rpm	520 - 2 620 rpm	660 - 2 500 rpm	210 - 2 220 rpm	
Number of speeds	5 speeds	5 speeds	5 speeds	12 speeds	
Drilling table					
Drilling table workspace L x W	160 x 160 mm	160 x 160 mm	200 x 200 mm	275 x 275 mm	
T-slotwidth	14 mm, diagonal	14 mm, diagonal	14 mm, diagonal	14 mm, diagonal	
Drill table rotation/lateral tilt	360° / ± 45°	360° / ± 45°	360° / ± 45°	360° / ± 45°	
Clearance spindle - drilling table	max. 240 mm	max. 330 mm	max. 390 mm	max. 465 mm	
Machine base					
Machine base work area L x W	135 x 175 mm	140 x 180 mm	160 x 170 mm	205 x 200 mm	
Distance spindle - machine base	max. 325 mm	max. 440 mm	max. 525 mm	max. 645 mm	
Dimensions					
Column diameter	46 mm	46 mm	60 mm	70 mm	
Length x width x height	420 x 220 x 580 mm	420 x 230 x 700 mm	510 x 270 x 820 mm	600 x 350 x 990 mm	
Weight	18 kg	20 kg	34 kg	51 kg	



Fig.: B 25

Fig.: B 32



- › Ground multi-tooth carrier
- › Best possible force transmission thanks to aluminium pulleys in combination with GATES quality toothed belts
- › V-belt cover with safety switch



- › Guaranteed concentricity better than 0.03 mm measured in the drilling spindle sleeve
- › Drilling spindle with precision ball bearings
- › OPTIMUM quick clamping drill chuck included in standard scope of delivery (B13 with key type drill chuck)



- › User-friendly switch as per IP 54
- › Separate emergency stop button

Model	B 25	B 32
Article no.	3008253	3008323
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
Motor output	0.55 kW	1.1 kW
Drilling performance		
Drilling performance in steel (S235JR)	Ø 20 mm	Ø 32 mm
Continuous drilling performance steel (S235JR)	Ø 18 mm	Ø 28 mm
Spindle		
Spindle sleeve stroke	80 mm	125 mm
Throat	170 mm	225 mm
Spindle seat	MT 3	MT 4
Speeds		
Spindle speeds	210 - 2 220 rpm	140 - 2 020 rpm
Number of speeds	12 speeds	9 speeds
Drilling table		
Drilling table workspace L x W	275 x 275 mm	360 x 360 mm
T-slot size	14 mm, diagonal	14 mm, diagonal
Drill table rotation/lateral tilt	360° / ± 45°	360° / ± 45°
Clearance spindle - drilling table	max. 760 mm	max. 600 mm
Machine base		
Machine base work area L x W	235 x 220 mm	260 x 270 mm
Distance spindle - machine base	max. 1 210 mm	max. 1 170 mm
Dimensions		
Column diameter	Ø 70 mm	Ø 92 mm
Length x width x height	690 x 390 x 1 570 mm	790 x 400 x 1 730 mm
Weight	57 kg	137 kg

Scope of supply

B 13

- › Key type drill chuck 1.5 - 13 mm

B 14

- › Quick-action drill chuck 1 - 13 mm
- › T-slot nuts

B 16 / B 20

- › Quick-action drill chuck 1 - 16 mm
- › Morse taper MT 2/B16
- › T-slot nuts

B 25

- › Quick-action drill chuck 1 - 16 mm
- › Morse taper MT 3/B16
- › T-slot nuts

B 32

- › Quick-action drill chuck 1 - 16 mm
- › Morse taper MT 4/B16
- › T-slot nuts