

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-slot nut 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-slot width	14 mm, diagonal		14 mm, diagonal		14 mm, diagonal		14 mm, diagonal	
Drill table rotation/lateral tilt	360° / $\pm 45^\circ$		360° / $\pm 45^\circ$		360° / $\pm 45^\circ$		360° / $\pm 45^\circ$	
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	