

OPTIdrill® DH 28GSV / DH 32GSV

Upright drills with Siemens inverter technology and polyamide gearwheels.

With continuously adjustable speed control. Installation of an optional footswitch possible

Facts that impress in terms of quality, performance and price

- ▶ Frequency converter
- ▶ User-friendly membrane keyboard
- ▶ Digital speed display
- ▶ Thread tapping function
- ▶ Smooth action thanks to polished multi-tooth carrier
- ▶ Excellent concentricity thanks to hardened and polished main spindle
- ▶ Low-maintenance, grease-lubricated gearbox
- ▶ Gearbox with PA6 gearwheels
- ▶ Large speed range
- ▶ User-friendly membrane keyboard
- ▶ Heavy, solid cast design
- ▶ Generously dimensioned, height adjustable protective screen with safety switch for greatest possible user protection
- ▶ Adjustable drilling depth stop with millimetre scale
- ▶ Right-handed/left-handed rotation
- ▶ Thread tapping function

- ▶ Machine lamp integrated in drilling head
- ▶ Integrated push-out tool for easy tool changes
- ▶ Drilling table with precision workmanship, diagonal T-slots, circumferential coolant duct
- ▶ Thick walled cast column for high force absorption and stability
- ▶ Solid baseplate, large dimensions und pronounced ribbing on rear
- ▶ Optional footswitch available for toggling between clockwise/ anticlockwise run and for thread tapping (Article no. 3050032)

OPTIdrill DH 32GSV

- ▶ Automatic spindle sleeve feed
- ▶ Coolant system and chip filter in line with Machinery Directive
- ▶ Torque in lowest gear up to 200 Nm

DH 32GSV

Automatic spindle sleeve feed



- › Activation by pressure switch in spindle sleeve lever. An electromagnetic clutch provides propulsion. The unit is deactivated using the drilling depth stop or by once again pressing the button in the spindle sleeve lever.

Thermadrill



- › Information see page 72

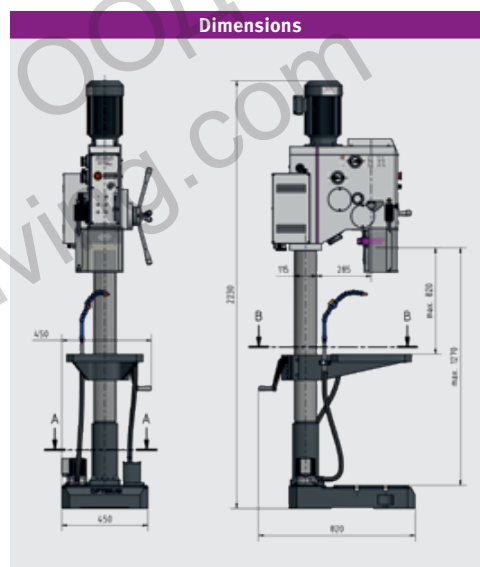
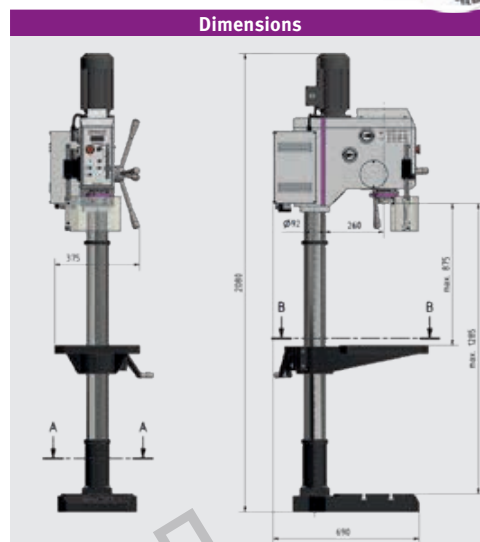


Technical specifications, accessories and dimensions

WITH AND
WITHOUT VARIO



Model	DH 28GSV	DH 32GSV
Article no.	3034235	3034245
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
Motor output	1.5 kW	2.2 kW
Coolant pump motor	-	40 W
Drilling performance		
Drilling performance in steel (S235JR)	Ø 26 mm	Ø 30 mm
Continuous drilling performance steel (S235JR)	Ø 23 mm	Ø 26 mm
Thread tapping steel (S235JR)	M 16 x 2 mm	M 16 x 2 mm
Spindle		
Spindle sleeve stroke	127 mm	125 mm
Spindle seat	MT 3	MT 4
Throat	260 mm	285 mm
Automatic spindle sleeve feed	-	2 speeds: 0.05 / 0.1 mm
Speeds		
Spindle speeds	45 - 3 200 rpm	40 - 3 000 rpm
Number of speeds	4 speeds, electronically controlled	
Drilling table		
Drilling table workspace L x W	376 x 394 mm	400 x 420 mm
T-slot size	14 mm, diagonal	14 mm, diagonal
Drilling table load bearing capacity	150 kg	200 kg
Rotating drilling table	360°	360°
Clearance spindle - drilling table	max. 875 mm	max. 820 mm
Machine base		
Machine base work area L x W	350 x 356 mm	420 x 395 mm
T-slot size / spacing / count	14 mm / 120 mm / 2	14 mm / 150 mm / 2
Distance spindle - machine base	max. 1 285 mm	max. 1 270 mm
Dimensions		
Column diameter	Ø 92 mm	Ø 115 mm
Length x width x height	690 x 375 x 2 080 mm	820 x 450 x 2 230 mm
Overall weight	175 kg	304 kg



Scope of supply

› Morse taper MK

Accessories	Article no.
Assortment of clamping tools size 12, 58-part	3352017
Quick clamping drill chuck 1 - 8 mm; B16	3050608
Quick clamping drill chuck 1 - 10 mm; B16	3050610
Quick clamping drill chuck 1 - 13 mm; B16	3050623
Quick clamping drill chuck 1 - 16 mm; B16	3050626
Twist drill bits HSS-CO 5%, 25 parts	3201010
Twist drill bits HSS-CO 5%, 51 parts	3201020
Twist drill bits HSS-CO 5%, 41 parts	3201021
Thermdrill MT 2	3060005
Foot switch	3050032

Functions: Right-handed/left-handed rotation for thread tapping

› More „Accessories for drills“ from page 64



Machine vices	Article no.
BMS 120	3000012
BSI 100	3000210
BSI 140	3000214
BSI-Q 100	3000230
BSI-Q 140	3000234

› Information on the vices on page 71

Accessories DH 28GSV	Article no.
Direct quick release chuck 1-16 mm	3050573
Morse taper MT 3/B16	3050660
Reduction sleeve MT 3 - MT 2	3050663
Twist drill HSS / MT 3	3051003
Universal coolant unit	3352002

Accessories DH 32GSV	Article no.
Direct quick release chuck 1-16 mm	3050574
Morse taper MT 4/B16	3050661
Reduction sleeve MT 4 - MT 3	3050664
Reduction sleeve MT 4 - MT 2	3050665