

OPTIdrill® DH 55G / DH 55V

NEW

Heavy duty gearbox drill for industrial use. With coolant and thread tapping unit, and automatic spindle sleeve feed. **DH 55V** with continuously adjustable speed control

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid cast design
- ▶ Dirt/water-resistant, easy-to-clean membrane keyboard
- ▶ 24 V DC electronics
- ▶ Electrical spindle sleeve feed
- ▶ Drilling depth stop
- ▶ Automatic gearwheel lubrication via oil pump
- ▶ Thread tapping device.
- ▶ Machine lamp integrated in drilling head
- ▶ Generously dimensioned, height adjustable protective screen with safety switch for greatest possible user protection
- ▶ Generously dimensioned drilling table, solid, precision workmanship, with parallel T-slots and recirculating coolant duct, reinforcing ribs on rear, rotates through $\pm 90^\circ$ about the column, laterally tilting

- ▶ Motorised drilling table height adjustment
- ▶ Cooling unit and external coolant tank, can be removed for easier and complete emptying
- ▶ Chip filter in line with Machinery Directive
- ▶ Extremely stable, thick-walled cast-iron column for excellent force absorption
- ▶ Solid base plate with parallel T-slots, precision surface finish
- ▶ Optional footswitch available for toggling between clockwise and anticlockwise run and for thread tapping

OPTIdrill DH 55V

- ▶ Continuously adjustable speed control
- ▶ Feed shutdown



DH 55V

Siemens SINAMICS G110M



State-of-the-art control solution

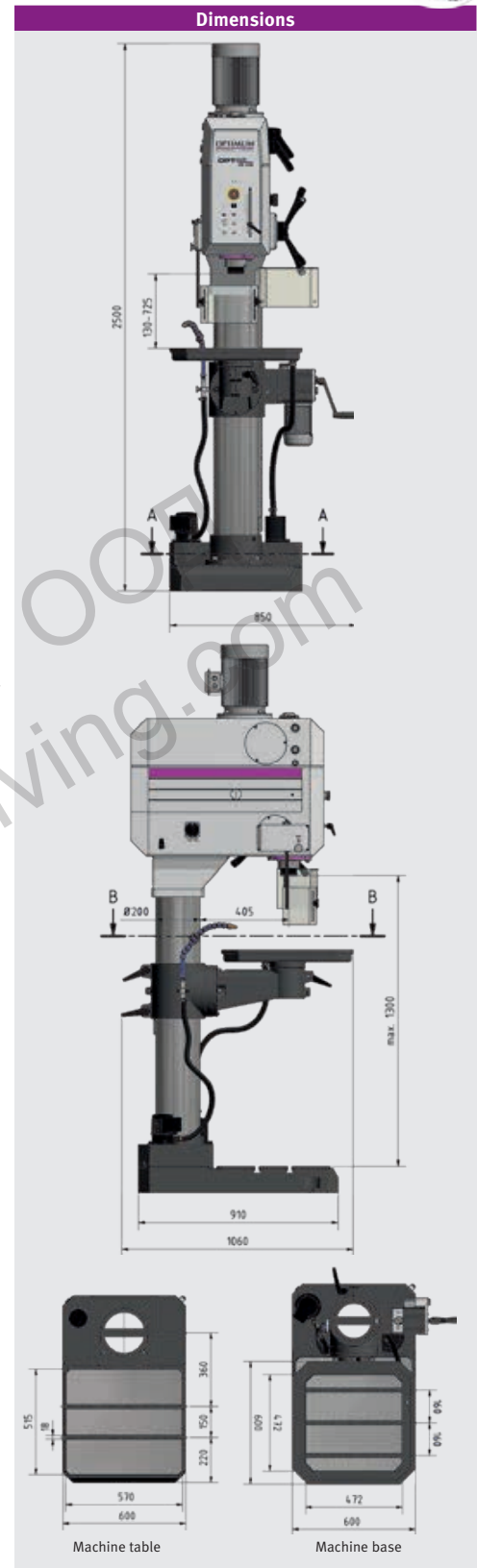


- › Easily readable digital display for speed, drilling depth | tapping depth and piece counter
- › Feed deactivation via depth adjustment

Technical specifications, accessories and dimensions



Model	DH 55G	DH 55V
Article no.	3034265	3034267
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	
Motor output	2.2 / 2.8 kW	2,8 kW
Coolant pump motor	100 W	
Drilling performance		
Drilling performance in steel (S235JR)	Ø 55 mm	
Cont. drilling performance steel (S235JR)	Ø 50 mm	
Thread tapping steel (S235JR)	M42	
Spindle		
Spindle sleeve stroke	200 mm	
Spindle seat	MT 4	
Throat	400 mm	
Automatic spindle sleeve feed	3 speeds: 0.1 / 0.15 / 0.2 mm/rev	
Rotational speeds		
Spindle speeds	45 - 2 000 rpm	10 - 3 000rpm
Number of speeds	16 speeds	4 speeds, electronically controlled
Drilling table		
Drilling table workspace L x W	600 x 600 mm	
T-slot size / spacing / count	18 mm / 160 mm / 3	
Drilling table load bearing capacity	350 kg	
Drill table rotation/lateral tilt	360° / ± 90°	
Clearance spindle - drilling table	130 - 750 mm	
Machine base		
Machine base work area L x W	515 x 570 mm	
T-slot size / spacing / count	18 mm / 150 mm / 2	
Distance spindle - machine base	max. 1 300 mm	
Dimensions		
Column diameter	Ø 200 mm	
Length x width x height	850 x 1 050 x 2 500 mm	
Weight	800 kg	900 kg



Accessories	Article no.
Assortment of clamping tools size 16, 58-parts	3352019
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
Direct quick release chuck 1 - 16 mm	3050574
Reduction sleeve MT 4 - MT 3	3050664
Reduction sleeve MT 4 - MT 2	3050665
Thermdrill MT 2	3060005
Foot switch	3050032

for thread tapping and toggling clockwise/anticlockwise rotation

› More „Accessories for drills“ from page 64



Machine vices	Article no.
BSI 140	3000214
BSI 200	3000220
BSI-Q 140	3000234
BSI-Q 200	3000240

› Information on the vices on page 71

Scope of supply

› Quick-action drill chuck 1 - 16 mm

› Morse taper MT 4/B16

* Important information on transport surcharges and „Operation of machines with frequency converters“ on page 253

**The drill (frequency converter) complies with the DIN EN 55011 standard: class C2