

OPTIdrill® DH 35G / DH 35V

Gear drilling machine with thread tapping unit.
DH 35V with continuously adjustable speed control.

Facts that impress in terms of quality, performance and price

- ▶ Dirt/water-resistant, easy-to-clean membrane keyboard
- ▶ 24 V DC electronics
- ▶ Drilling depth stop
- ▶ Electrical spindle sleeve feed
- ▶ Low-maintenance gear unit running in a closed oil sump
- ▶ Thread tapping device.
- ▶ Machine lamp integrated in drilling head
- ▶ Main switch
- ▶ Generously dimensioned, height adjustable protective screen with safety switch for greatest possible user protection
- ▶ Generously dimensioned drilling table, solid, precision workmanship, with diagonal T-slots and recirculating coolant duct, reinforcing ribs on rear, rotates through $\pm 90^\circ$ about the column, laterally tilting
- ▶ Coolant unit with coolant tank integrated into base plate
- ▶ Chip filter removes coarse components from the coolant
- ▶ 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/ anticlockwise run and for thread tapping (Article no. 3050032)

OPTIdrill DH 45V

- ▶ Continuously adjustable speed control
- ▶ Feed shutdown

DH 45V
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 35G	DH 35V
Article no.	3034250	3034252
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	
Motor output	1.5 / 2.2 kW	2.2 kW
Coolant pump motor	40 W	
Drilling performance		
Drilling performance in steel (S235JR)	Ø 35 mm	
Continuous drilling performance in steel (S235JR)	Ø 26 mm	
Thread tapping steel (S235JR)	M24	
Spindle		
Spindle sleeve stroke	125 mm	
Spindle seat	MT 4	
Throat	285 mm	
Automatic spindle sleeve feed	3 speeds: 0.05-0.15 mm/rev	
Speeds		
Spindle speeds	75 - 2 000 rpm	30 - 2 950 rpm
Number of speeds	8 speeds	4 speeds, electronically controlled
Drilling table		
Drilling table workspace L x W	400 - 420 mm	
T-slot size	14 mm, diagonal	
Drilling table load bearing capacity	200 kg	
Drill table rotation/lateral tilt	360° / ± 90°	
Clearance spindle - drilling table	65 - 800 mm	
Machine base		
Machine base work area L x W	420 x 395 mm	
T-slot size / spacing / count	14 mm / 150 mm / 2	
Distance spindle - machine base	max. 1 217 mm	
Dimensions		
Column diameter	Ø 115 mm	
Length x width x height	860 x 474 x 2 175 mm	
Weight	350 kg	450 kg

Accessories	Article no.
Assortment of clamping tools size 12, 58-parts	3352017
Blank holder 14 mm/M12	3352031
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

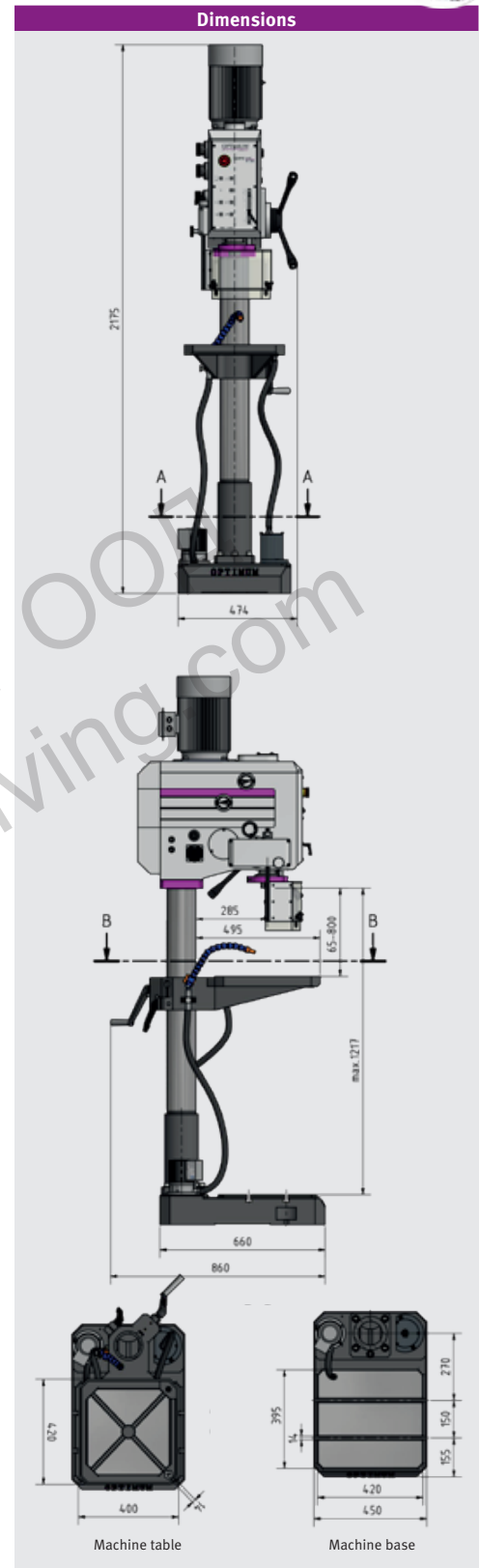
for thread tapping and toggling clockwise/anticlockwise rotation

› 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