

OPTIdrill® DH 40G / DH 40GP

Universal column gearbox drills with 12 speeds for milling and drilling.

DH 40GP additionally with automatic spindle sleeve feed

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid cast design
- ▶ Smooth action due to polished gearwheels running in an oil sump
- ▶ Two-stage industrial electric motor
- ▶ Thread tapping function
- ▶ Gear head and table are height adjustable
- ▶ Large speed range from 95 - 3 200 rpm thanks to 12 switchable speeds
- ▶ Large drilling table, solid, precision workmanship, with diagonal T-slots and recirculating coolant duct, reinforcing ribs on rear side, double clamping
- ▶ Drilling depth stop
- ▶ Height-adjustable chuck protection with micro switch for greatest possible protection of the user

- ▶ Coupling for switching over from manual rough to manual fine feed
- ▶ Thick walled cast column for high force absorption and stability
- ▶ Solid baseplate with precision surface finish can be used as a workspace for particularly high workpieces by swivelling out the drilling table

OPTIdrill DH 40G

- ▶ Manually spindle sleeve feed

OPTIdrill DH 40GP

- ▶ Automatic or manually spindle sleeve feed

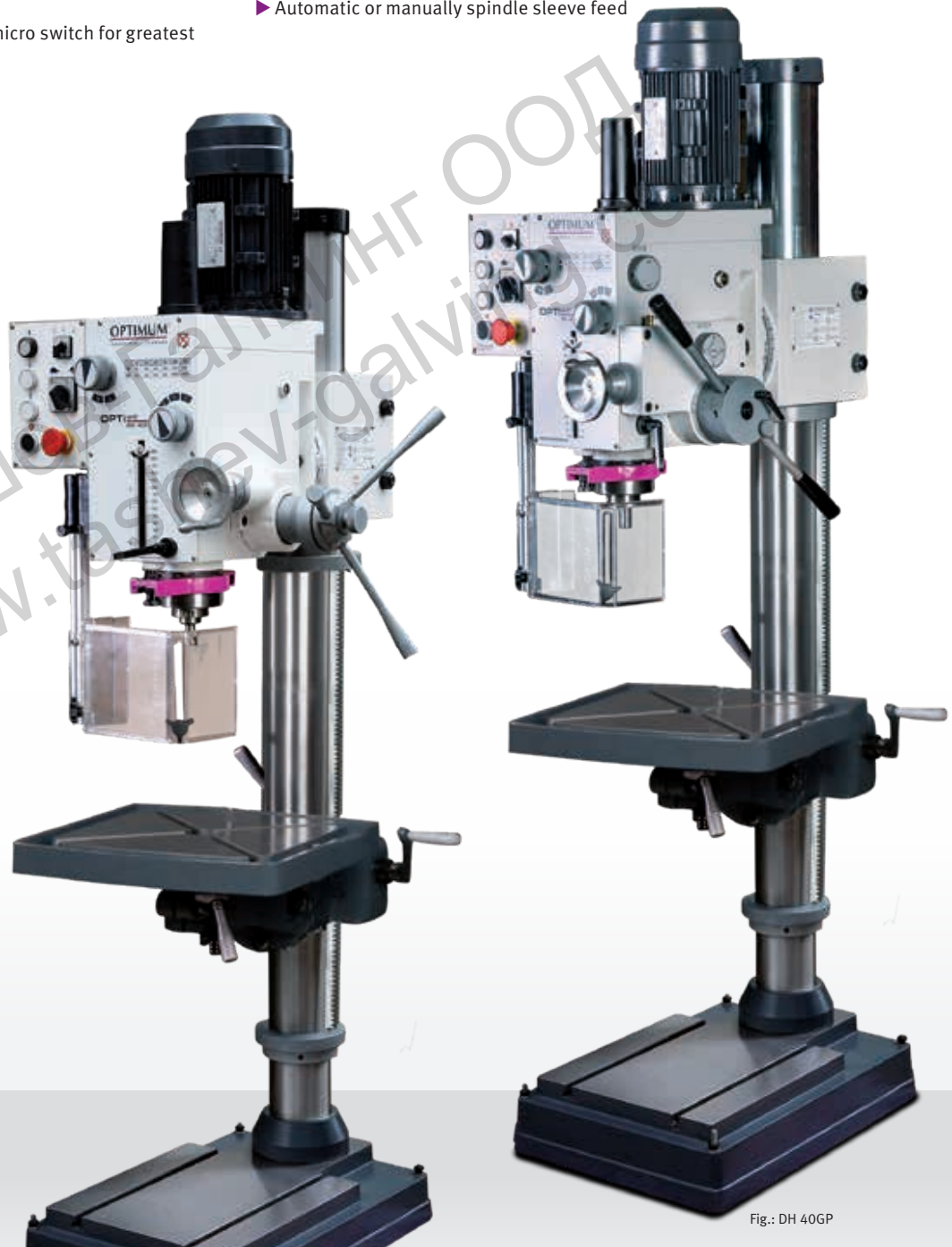
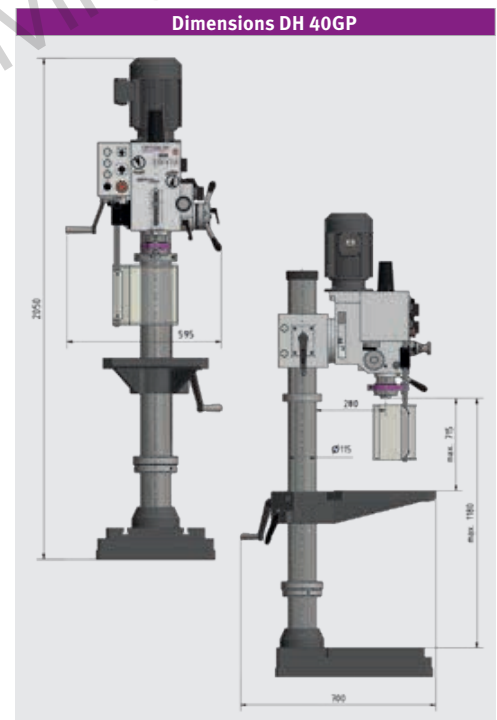
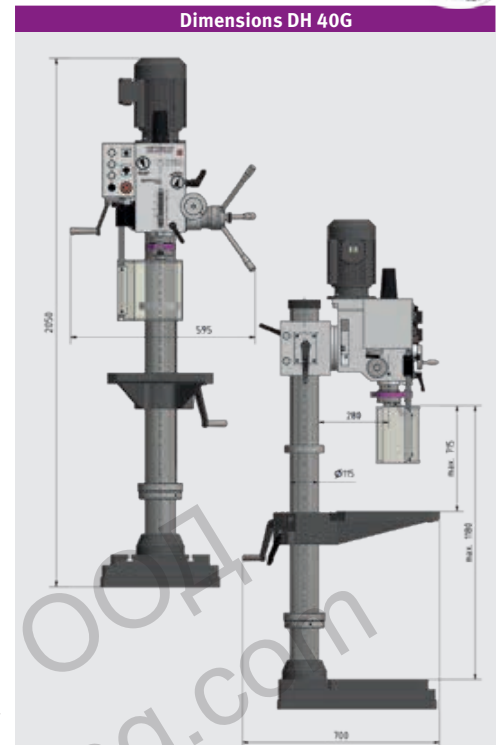


Fig.: DH 40GP

Technical specifications, accessories and dimensions



Model	DH 40G	DH 40GP
Article no.	3034355	3034360
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	
Motor output	1.1 / 1.5 kW	
Drilling performance		
Drilling performance in steel (S235JR)	Ø 32 mm	
Continuous drilling performance in steel (S235JR)	Ø 25 mm	
Thread tapping steel (S235JR)	M16	
Spindle		
Spindle sleeve stroke	120 mm	
Spindle sleeve diameter	75 mm	
Spindle seat	MT 4	
Throat	280 mm	
Automatic spindle sleeve feed	- 3 speeds: 0.1 - 0.26 mm/rev	
Drilling head pivots/rotates	± 45° / 360°	
Drilling head height adjustment	0 - 265 mm	
Speeds		
Spindle speeds	95 - 3 200 rpm	
Speeds	2 x 6 speeds	
Drilling table		
Length x width	500 x 460 mm	
T-slot size	14 mm, diagonal	
Load bearing capacity	50 kg	
Rotation/lateral tilt	360° / ± 90°	
Clearance spindle - drilling table	max. 715 mm	
Machine base		
Machine base work area L x W	650 x 450 mm	
T-slot size / spacing / count	14 mm / 230 mm / 2	
Distance spindle - machine base	max. 1 180 mm	
Dimensions		
Column diameter	Ø 115 mm	
Length x width x height	595 x 700 x 2 050 mm	
Weight	320 kg	335 kg



Accessories	Article no.
Assortment of clamping tools size 12, 58-parts	3352017
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
Universal coolant unit	3352002
Coolant mist lubricator MMC 1 with magnetic holder	3356663
Direct quick release chuck 1 - 16 mm	3050574
Collet chuck set MT 4/ ER 32	3352094
Reduction sleeve MT 4 - MT 3	3050664
Morse taper MT 4/B16	3050661

Machine vices	Article no.
BMS 120	3000012
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 - 13 mm
- > Morse taper MT 4/B16
- > Tie rod M16
- > Adapter MT 4 - MT 3
- > Operating tool