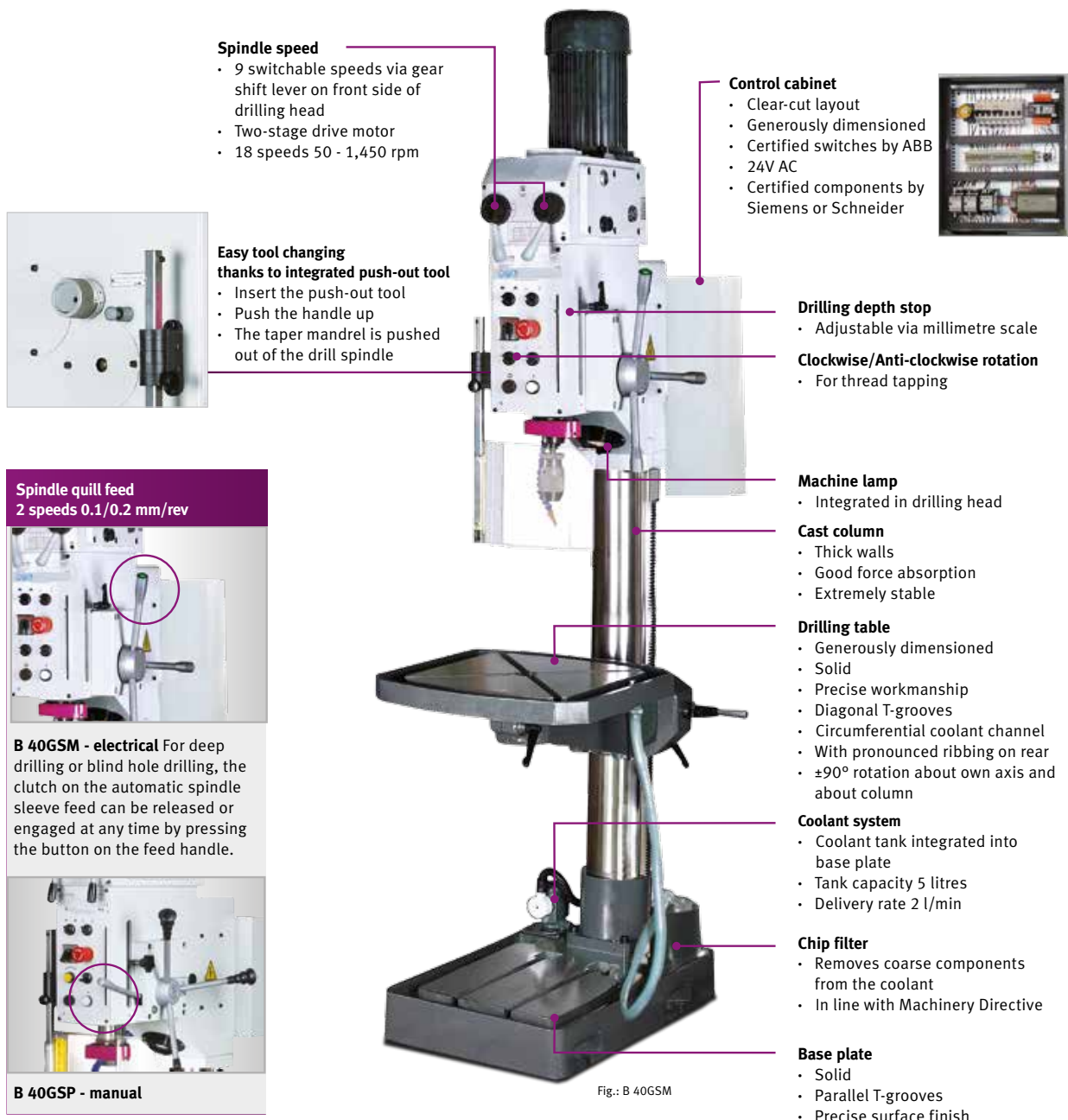


Heavy-duty gearbox drilling machine with thread tapping device.

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid cast design
 - ▶ Automatic gearwheel lubrication via oil pump
 - ▶ Excellent concentricity thanks to hardened and polished main spindle
 - ▶ Thread tapping device.
 - ▶ Main switch and motor circuit breaker
- ▶ Automatic spindle sleeve feed
for B 40GSM electrical
for B 40GSP mechanical



Spindle speed

- 9 switchable speeds via gear shift lever on front side of drilling head
- Two-stage drive motor
- 18 speeds 50 - 1,450 rpm

Control cabinet

- Clear-cut layout
- Generously dimensioned
- Certified switches by ABB
- 24V AC
- Certified components by Siemens or Schneider

Easy tool changing thanks to integrated push-out tool

- Insert the push-out tool
- Push the handle up
- The taper mandrel is pushed out of the drill spindle

Drilling depth stop

- Adjustable via millimetre scale

Clockwise/Anti-clockwise rotation

- For thread tapping

Spindle quill feed
2 speeds 0.1/0.2 mm/rev



B 40GSM - electrical For deep drilling or blind hole drilling, the clutch on the automatic spindle sleeve feed can be released or engaged at any time by pressing the button on the feed handle.



B 40GSP - manual

Machine lamp

- Integrated in drilling head

Cast column

- Thick walls
- Good force absorption
- Extremely stable

Drilling table

- Generously dimensioned
- Solid
- Precise workmanship
- Diagonal T-grooves
- Circumferential coolant channel
- With pronounced ribbing on rear
- ±90° rotation about own axis and about column

Coolant system

- Coolant tank integrated into base plate
- Tank capacity 5 litres
- Delivery rate 2 l/min

Chip filter

- Removes coarse components from the coolant
- In line with Machinery Directive

Base plate

- Solid
- Parallel T-grooves
- Precise surface finish

Fig.: B 40GSM

Technical specifications, accessories and dimensions

Model	B 40GSP
Article no.	3034403
Model	B 40GSM
Article no.	3034400
Technical specifications	
Electrical connection	400 V / 3 Ph ~50 Hz
Total connected load	0.85 / 1.5 kW
Coolant pump motor	40 W
Drilling performance	
Drilling performance in steel (S235JR)	Ø 35 mm
Continuous drilling performance in steel (S235JR)	Ø 30 mm
Thread tapping steel (S235JR)	M 24
Spindle holder	
Spindle sleeve stroke	180 mm
Spindle holder	MT 4
Throat	350 mm
Spindle quill feed	2 speeds, 0.1/0.2 mm/rev
Speeds	
Spindle speeds	50 - 1,450 rpm
Number of gears	18 gears
Drilling table	
Workspace drilling table length x width	560 x 560 mm
T-groove size	18 mm, diagonal
Drilling table pivots/rotates	± 90°
Clearance spindle - drilling table	max. 780 mm
Drilling table load bearing capacity	250 kg
Machine base	
Machine base work area L x W	510 x 500 mm
T-groove size/amount/spacing	18 mm / 2 / 150 mm
Clearance spindle - machine base	max. 1,320 mm
Dimensions	
Column diameter	Ø 150 mm
Length x width x height	935 x 530 x 2,280 mm
Overall weight	500 kg
Transport packaging flat rate**	TPFR 1

Scope of Delivery

- Quick-action drill chuck 1 - 16 mm
- Morse taper MT 4/B16

Accessories	Article no.
Quick release chuck direct MT 4 / 1 - 16 mm	3050574
Reduction sleeves MT 4 - MT 3	3050664
Morse taper MT 4/B16	3050661
Reduction sleeves MT 4 - MT 2	3050665
Assortment of clamping tools size 16	3352019
Thread tapping chuck M5 - M12, MT 4	3352042

Machine vices	Article no.
BMS 100	3000010
BMS 120	3000012
BSI 100	3000210
BSI 140	3000214
BSI-Q 100	3000230
BSI-Q 140	3000234

› More „Accessories for drills“ on page 49

