

# OPTI B 40 GSP/OPTI B 40 GSM

Solid **geared upright drill** with coolant system and threading mechanism  
OPTI B 40 GSM additionally with **electromagnetic spindle sleeve feed**

## Convincing arguments: quality, efficiency and price

- Heavy, solid cast iron construction
  - Height-adjustable screening grid with micro switch to prevent from chips and parts flying off, for best possible protection of the user
  - Smooth running and stability due to a largely dimensioned, thick-walled casting upright
  - Automatic gearwheel lubrication via oil pump
  - High concentricity precision due to hardened and ground work spindle
  - High smooth running due to grinded gearwheels
  - Threading mechanism
  - Lockable main switch and protective motor switch
  - Spindle locking with integrated drill drift for a simple tool change
- **OPTI B 40 GSP with mechanic, 2-fold adjustable spindle sleeve feed**
  - **OPTI B 40 GSM with electromagnetic spindle sleeve feed**

<b>Model</b>	<b>OPTI B 40 GSP</b>
Item No	303 4403
€ (VAT excl.)	<b>3'290.00</b>
<b>Model</b>	<b>OPTI B 40 GSM</b>
Item No	303 4400
€ (VAT excl.)	<b>3'790.00</b>
<b>Features</b>	
<b>Electric supply</b>	
Motor	1.5 kW 400 V ~50 Hz
Motor coolant pump	40 W
<b>Drilling capacity</b>	
Drilling capacity in steel	Ø 35 mm
Threading in steel	M 24
Drilling capacity in cast iron	Ø 45 mm
Threading in cast iron	M 30
Working range	350 mm
Sleeve travel	180 mm
<b>Spindle holding fixture</b>	
Spindle holding fixture	MT 4
Autom. spindle sleeve feed	2 steps, 0.1/0.2 mm/rev
<b>Speeds</b>	
Spindle speeds	50 - 1450 rpm
Number of steps	18 steps
<b>Drilling table</b>	
Working surface table (L x W)	560 x 560 mm
T-slot size	18 mm
Distance spindle - table (max.)	780 mm
Working surface stand (L x W)	510 x 500 mm
Distance spindle - stand (max.)	1320 mm
<b>Dimensions</b>	
Upright diameter	150 mm
Length x Width x Height	730 x 560 x 2220 mm
Net weight	500 kg
<b>Extent of supply</b>	Quick-action drill chuck ø - 16 mm Morse taper MT 4, drill chuck protection machine lamp, coolant equipment Threading attachment



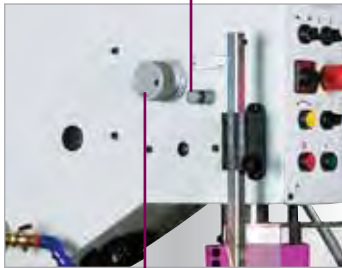
Fig.: B 40 GSP

Please find accessories from page 25 on

B 40 GSM  
B 40 GSP

### Simple tool change due to ejection mechanism:

- Push the ejection mechanism and then press the star grip upward - the taper mandrel will be pressed out of the drilling spindle.



### Spindle sleeve feed

- Automatic
- 2 steps, 0.1/0.2 mm/rev

### Machine lamp

- Integrated in the drill head

### Spindle protection

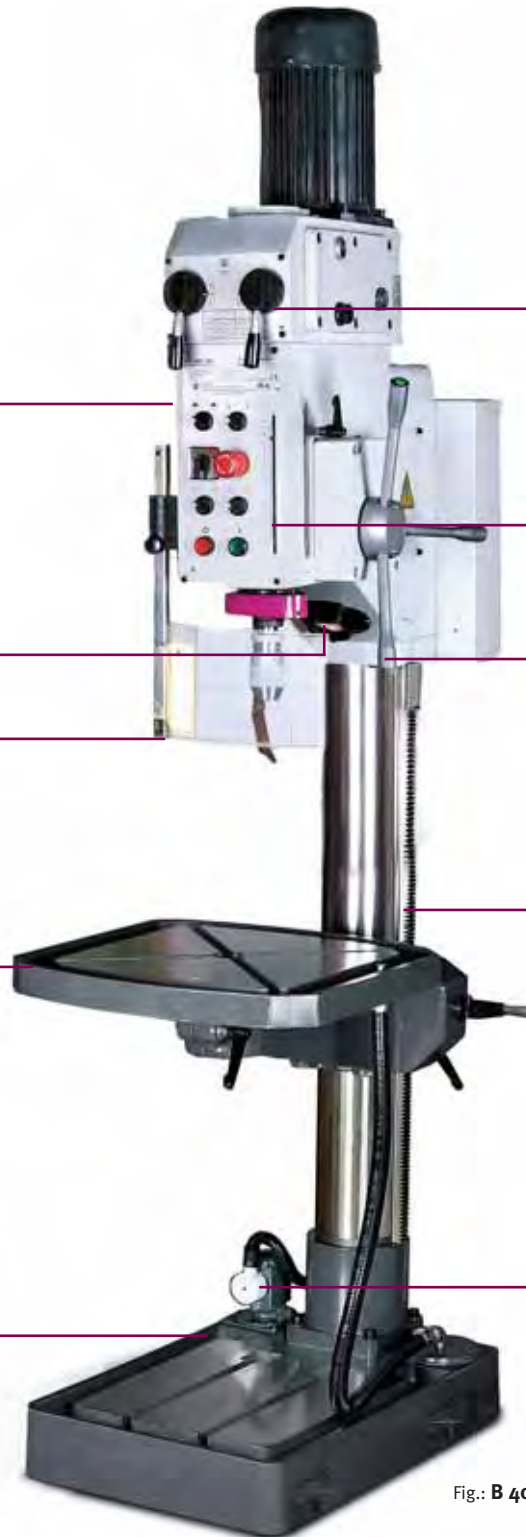
- Best possible protection of the user
- Height-adjustable
- Micro switch

### Drilling table

- Largely dimensioned
- Solid
- Precisely machined
- Transversally running T-slots
- Heavily ribbed at the backside
- Height-adjustable via toothed rack
- Rotation of 360° through its own axis and about the upright

### Base plate

- Solid
- Parallel running T-slots
- Precisely machined at the surface
- Usable as a working surface for extra high workpieces due to the rotatable drill table



### Spindle speed

- 9 selectable speeds via gear shifting lever at the front of the drill head
- Two-stage driving motor
- 18 speeds from 50 to 1450 rpm

### Drill depth stop

- Adjustable using the millimeter scale

### Right-/left-handed rotation

- For threading

### Cast-iron upright

- Thick-walled
- High power admission
- Solid

### Coolant equipment

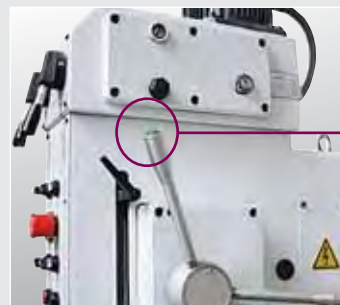
- Supplied as standard
- Coolant tank integrated in the base plate
- Tank capacity 5 liters
- Conveying capacity 2 l/min.

Fig.: B 40 GSM



### · OPTI B 40 GSP

The automatic spindle sleeve feed is activated by actuating the feed lever. If the preset drilling depth is achieved, the drill depth stop will mechanically push back the feed lever and deactivate the automatic spindle sleeve feed



### · OPTI B 40 GSM

For deep drillings or pocket hole drillings, the coupler of the automatic spindle sleeve feed can be opened or closed at any time by actuating the spindle feed switch