

## Bench and upright drills with V-belt drive for craftsmen and training workshops

### Convincing arguments: quality, efficiency and price

- Guaranteed concentricity precision better than 0.015 mm measured in the drilling spindle sleeve
- Largely dimensioned, height-adjustable screening grid with safety switch for best possible protection of the user
- Long, ergonomic one-piece star grip made of diecast aluminum with soft grip handles (OPTI B 24 H / B 28 H)
- Triple star grip made of steel (OPTI B 34 H)
- Solid, largely dimensioned base plate with T-slots, heavily ribbed at the backside
- Separate emergency-stop push button
- Right-/left-handed rotation
- Drilling spindle with precision ball bearings
- Drill depth stop
- V-belt covering with safety switch
- Digital depth gauge (OPTI B 34 H)
- Digital spindle speed display (OPTI B 34 H)
- Machine lamp
- Drilling table slewable by 360°
- Smooth running and powerful electric motors
- Optimum price/quality ratio
- Value stability



Fig.: B 24 H



Fig.: B 28 H

**New**

Model	OPTI B 24 H	OPTI B 28 H	OPTI B 34 H
Item No (230 V)	302 0241	-	-
Item No (400 V)	302 0243	302 0283	302 0333
€ (VAT excl.)	<b>850.00</b>	<b>1'050.00</b>	<b>1'590.00</b>
<b>Features</b>			
<b>Electric supply</b>			
Motor	850 W ~50 Hz	850 W 400 V ~50 Hz	1.5 kW 400 V ~50 Hz
<b>Drilling capacity</b>			
Drilling capacity in steel	Ø 24 mm	Ø 28 mm	Ø 34 mm
Working range	165 mm	200 mm	285 mm
Sleeve travel	85 mm	105 mm	160 mm
<b>Spindle holding fixture</b>			
Spindle holding fixture	MT 2	MT 3	MT 4
<b>Speeds</b>			
Spindle speeds	350 - 4000 rpm	120 - 4000 rpm	145 - 4800 rpm
Number of steps	7 steps	16 steps	2 x 9 steps
<b>Drilling table</b>			
Table size Length x Width	280 x 300 mm	340 x 360 mm	420 x 400 mm
T-slot size	14 mm	14 mm	14 mm
Distance spindle - table (max.)	515 mm	860 mm	790 mm
Working surface stand Length x Width	280 x 260 mm	320 x 320 mm	390 x 370 mm
Distance spindle - stand (max.)	681 mm	1275 mm	1025 mm
<b>Dimensions</b>			
Upright diameter	80 mm	92 mm	115 mm
Length	665 mm	698 mm	918 mm
Width	434 mm	449 mm	585 mm
Height	998 mm	1721 mm	1895 mm
Net weight	130 kg	140 kg	274 kg
<b>Extent of supply</b>			
	Morse taper MT 2 - B 16 SPBF (0 - 16 mm) B16 T-slots	Morse taper MT 3 - B 16 SPBF (0 - 16 mm) B16 T-slots	Morse taper MT 4- B 16 SPBF (0 - 16 mm) B16 T-slots

New in the  
product range  
B 34 H

OPTIMUM®

MASCHINEN - GERMANY

B 24 H  
B 28 H  
B 34 H

Drilling

**High smooth running**

- Aluminum V-belt pulleys
- Ground multi tooth dog

**Selector switch direction of rotation**

- Clockwise/anticlockwise

**Digital depth gauge**

- Accuracy of the display 0.01 mm
- Switchable mm/inch

**Spindle protection**

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

**Rotation precision**

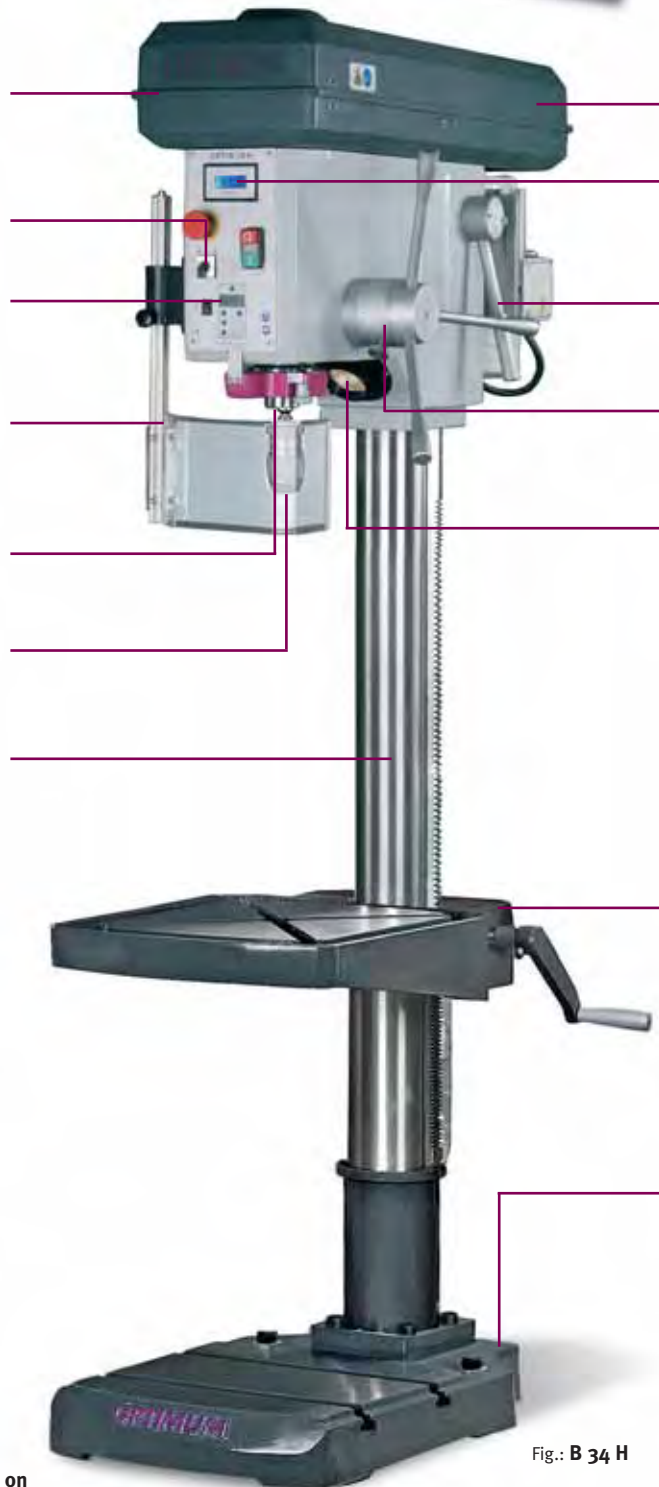
- Less than 0.015 mm measured in the drilling spindle sleeve

**Drilling spindle**

- Precision ball bearings

**Cast-iron upright**

- Thick-walled
- Screwed for a high power admission and stability



**V-belt covering**

- With safety switch

**Digital speed display**

- 4-digit value
- Easy-to-read

**Quick-action clamping**

- Easy tensioning of the V-belt

**Drill depth stop**

- Scale

**Machine lamp**

- Integrated in the milling head
- Halogen lamp 20 watts

**Drilling table**

- Largely dimensioned
- Solid
- Height-adjustable via toothed rack
- Precisely machined
- Transversally running T-slots

**Base plate**

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

Fig.: B 34 H

Please find accessories from page 25 on



**Ejection mechanism**  
· Simple tool change



**7 M industrial V-belt**  
· Guaranteed service life of the V-belts up to 10 000 operating hours.  
(For 4 operating hours and 200 days per year, this corresponds to a service life of 12 years)