

Bench and upright drills in Vario-type with infinitely variable speed control for craftsmen and training workshops

Convincing arguments: quality, efficiency and price

- Guaranteed concentricity precision less 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 (up to OPTI B 28 H Vario)
- Triple star grip made of steel (OPTI B 34 H Vario)
- Right-/left-handed rotation (from OPTI B 24 H Vario on)
- Drilling spindle with precision ball bearings
- Drill depth stop
- Sleeve travel for B 34 H Vario 160 mm
- Simple tool change due to ejection mechanism (from B 28 H Vario on)
- V-belt covering with safety switch
- Digital depth gauge (OPTI B 34 H Vario)
- Machine lamp (from OPTI B 24 H Vario on)
- Drilling table slewable by 360°
- Coolant equipment (OPTI B 28 H Vario/ B 34 H Vario)
- B 34 H Vario with operating mode Threading/Auto
- Smooth running and powerful electric motors
- Optimum price/quality ratio
- Value stability



Fig.: B 16 H Vario



Fig.: B 24 H Vario

Model	OPTI B 16 H VARIO	OPTI B 24 H VARIO	OPTI B 28 H VARIO	OPTI B 34 H VARIO
Item No (230 V)	302 0218	302 0245	302 0285	302 0335
€ (VAT excl.)	990.00	1'450.00	1'750.00	2'190.00
Features				
Electric supply				
Motor	1.5 kW 230 V ~50 Hz	1.5 kW 230 V ~50 Hz	1.5 kW 230 V ~50 Hz	2.2 kW 230 V ~50 Hz
Drilling capacity				
Drilling capacity in steel	Ø 13 mm	Ø 24 mm	Ø 28 mm	Ø 34 mm
Working range	120 mm	165 mm	200 mm	285 mm
Sleeve travel	65 mm	85 mm	105 mm	160 mm
Spindle holding fixture				
Spindle holding fixture	B16	MT 2	MT 3	MT4
Speeds				
Spindle speeds	100 - 7500 rpm	100 - 6100 rpm	35 - 5600 rpm	40 - 6650 rpm
Number of steps	5 steps, continuously variable	4 steps, continuously variable	12 steps, continuously variable	9 steps, continuously variable
Drilling table				
Table size Length x Width	230 x 245 mm	280 x 300 mm	340 x 360 mm	420 x 400 mm
T-slot size	12 mm	14 mm	14 mm	14 mm
Distance spindle - table (max.)	310 mm	515 mm	860 mm	790 mm
Working surface stand L x W	260 x 362 mm	280 x 260 mm	320 x 320 mm	390 x 390 mm
Distance spindle - stand (max.)	425 mm	681 mm	1275 mm	1025
Dimensions				
Upright diameter	60 mm	80 mm	92 mm	115 mm
Length	530 mm	665 mm	701 mm	918 mm
Width	310 mm	434 mm	474 mm	595 mm
Height	860 mm	998 mm	1755 mm	1930 mm
Net weight	65 kg	131 kg	141 kg	290 kg
Extent of supply				
	SPBF (0 - 16 mm) B16 T-slots	SPBF (0 - 16 mm) B16 Morse taper MT 2 - B 16 T-slots	SPBF (0 - 16 mm) B16 Morse taper MT 3 - B 16 T-slots Coolant pump	SPBF (0 - 16 mm) B16 Morse taper MT4 - B 16 T-slots Coolant pump



Guaranteed service life of the V-belts
10 000 work hours .
(For 4 hours working time and 200
days per year this corresponds to
a service life of 12 years)

B 16 HV / B 24 HV
B 28 HV / B 34 HV

High smooth running

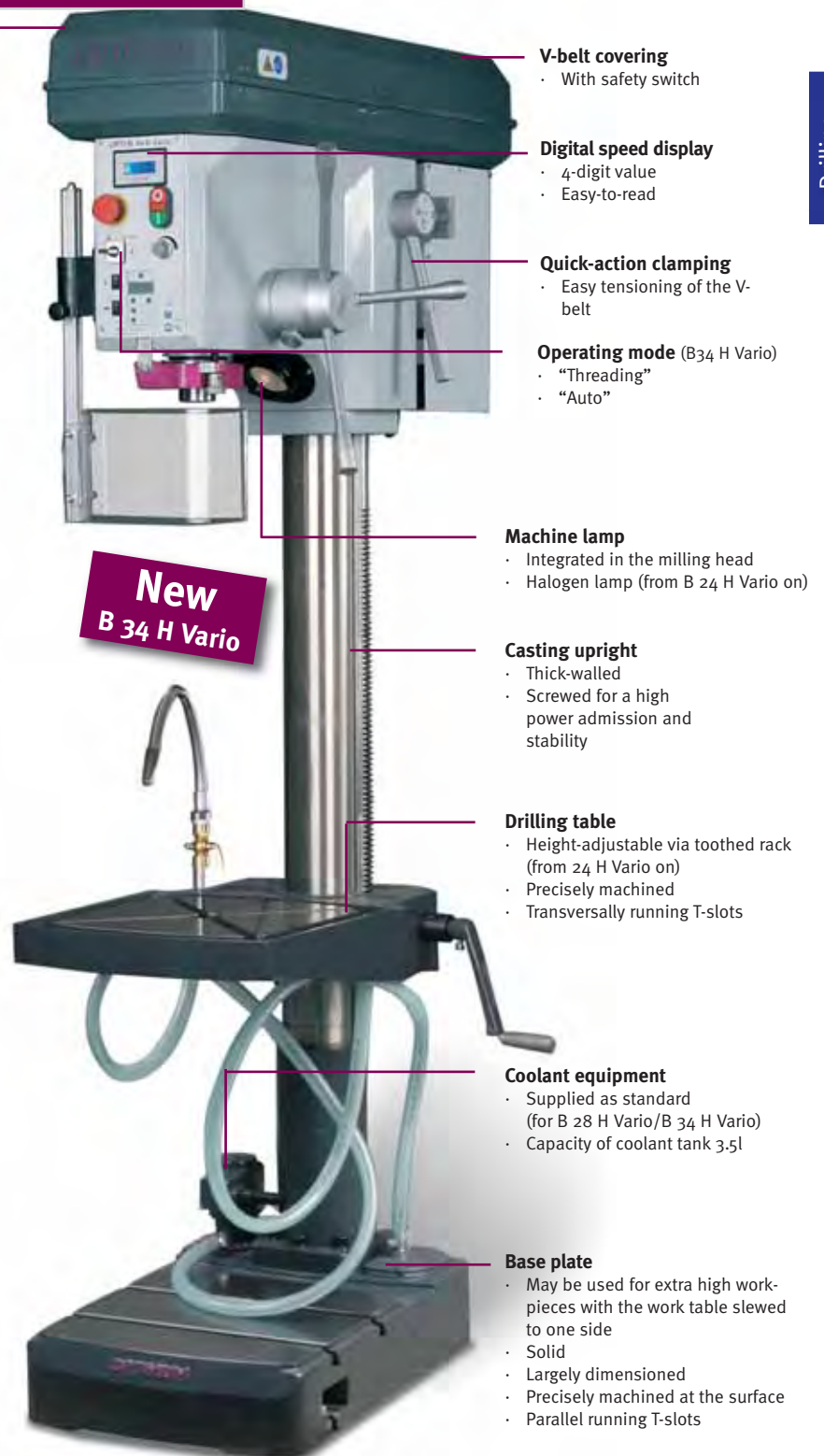
- Aluminum pulleys
- Ground multi tooth dogs

7M industrial V-belt

- Toothed
- Considerably better power transmission
- Considerably minor loss of power than common V-belts



Fig.: B 28 H Vario



New
B 34 H Vario

V-belt covering

- With safety switch

Digital speed display

- 4-digit value
- Easy-to-read

Quick-action clamping

- Easy tensioning of the V-belt

Operating mode (B34 H Vario)

- "Threading"
- "Auto"

Machine lamp

- Integrated in the milling head
- Halogen lamp (from B 24 H Vario on)

Casting upright

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

Drilling table

- Height-adjustable via toothed rack (from 24 H Vario on)
- Precisely machined
- Transversally running T-slots

Coolant equipment

- Supplied as standard (for B 28 H Vario/B 34 H Vario)
- Capacity of coolant tank 3,5l

Base plate

- May be used for extra high work-pieces with the work table slewed to one side
- Solid
- Largely dimensioned
- Precisely machined at the surface
- Parallel running T-slots

Fig.: B 34 H Vario

Please find accessories from page 25 on