

## Upright drill perfect for do-it-yourselfers and training centers

### Convincing arguments: quality, efficiency and price

- Smooth and high-performance DC drive with excellent control characteristics
- Drilling spindle with precision ball bearings
- Large sleeve travel of 125 mm
- High running smoothness due to aluminum V-belt pulleys and ground multi tooth dog
- Vario Speed (infinitely variable speed control)
- Right-/left-handed rotation
- Considerably higher power transmission without slip due to the quality V-belts 7M
- Height adjustment of the drilling table via toothed rack
- Adjustable drill depth stop
- Triple star grip made of steel
- Easy-to-operate safety switch according to IP 54 with low-voltage release and a separate emergency-stop push button
- Digital depth gauge, accuracy of the display 0.01 mm, reversible mm/inch
- Simple tool change due to ejection mechanism of the drill/cone
- Height-adjustable screening grid with safety switch for best possible protection of the user
- Coolant equipment and coolant tank
- Digital speed display
- Threading mode
- Automatic mode
- Optimum price/quality ratio
- Value stability

Model	OPTI B 30 BS Vario
Item No	302 1303
€ (VAT excl.)	2'450.00
<b>Features</b>	
<b>Electric supply</b>	
Motor	2.2 kW 230 V ~50 Hz
Motor coolant pump	40 W
<b>Drilling capacity</b>	
Drilling capacity in steel	Ø 30 mm
Threading in steel	M16
Working range	285 mm
Sleeve travel	125 mm
<b>Spindle holding fixture</b>	
Spindle holding fixture	MT 3
<b>Speeds</b>	
Spindle speeds	30 - 3900 rpm
Number of steps	4 steps, continuously variable
<b>Drilling table</b>	
Table size Length x Width	400 x 500 mm
T-slot size	14 mm
Drilling table slewable	360°
Distance spindle - table (max.)	780 mm
Working surface stand Length x Width	270 x 390 mm
Distance spindle - stand (max.)	1230 mm
<b>Dimensions</b>	
Upright diameter	115 mm
Length	643 mm
Width	534 mm
Height	1850 mm
Net weight	280 kg
<b>Extent of supply</b>	Quick-action drill chuck (0 - 16 mm) B16 Morse taper MT 3 - B 16 Drill chuck protection Coolant pump Ejection mechanism T-slots

### Convincing arguments



#### Operating mode "auto"

auto

- In the automatic mode, the engine will start automatically upon lifting the lever and stops in the initial position. This way, it is not necessary to press the push button Start and Stop for repeated drilling tasks.



#### Operating mode "Threading"

- The engine is being activated by moving the star grip downward. The turning direction is changed by pressing the end switch on the adjustable drilling depth stop.



#### Simple tool change due to an ejection mechanism:

- Push the ejection device and then press the star grip upwards - the taper mandrel will be pressed out of the drilling spindle

Please find accessories from page 25 on

## B 30 BS Vario



### Control panel

- Digital speed display
- Emergency-stop push button
- Selector switch operating mode/direction of rotation
- Potentiometer
- Coolant switch
- Switch machine lamp
- Digital depth gauge  
Accuracy of the display 0.01 mm

### Spindle protection

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

### Coolant hose

- Dosing valve
- Stop valve

### Base plate

- May be used for extra high workpieces with the work table slewed to one side
- Solid
- T-slots
- Precisely machined at the surface



### Machine lamp

- Integrated in the milling head
- Halogen lamp

### Casting upright

- Thick-walled
- For high power admission and stability

### Height adjusting of table

- Via toothed rack

### Drilling table

- Largely dimensioned
- Solid
- Precisely machined
- Transversally running T-slots
- Heavily ribbed at the backside
- Double clamping

### Coolant equipment

- Supplied as standard
- Coolant tank integrated in the base plate
- Capacity of coolant tank 4,5 liters

- **In order to optimize the drilling capacity an additional speed level is available**

- Due to the quality 7M V-belts considerably higher power transmission without slip
- High smooth running due to aluminum V-belt pulleys and a ground multi tooth dog



Level  
Speed  
Torque

1  
30 - 300 rpm  
100 Nm

2  
120 - 1200 rpm  
25 Nm

3  
240 - 2400 rpm  
13 Nm

4  
390 - 3900 rpm  
6 Nm