

## OPTi drill® DX 17V

### Bench-mounted drilling machine with continuously adjustable speed control.

Machine highlight - menu-controlled operation of the drilling/thread tapping operation modes

#### Facts that impress in terms of quality, performance and price

- ▶ Best possible force transmission thanks to aluminium pulleys
- ▶ Emergency stop button
- ▶ Drill spindle with precision ball bearings
- ▶ Guaranteed concentricity less than 0.03 mm measured at the drilling spindle sleeve
- ▶ Dirt- and water-resistant, easy-to-clean membrane keyboard with high-contrast OLED display
- ▶ Anti-glare LED lighting on the left and right, integrated into the drilling head. No annoying shadows
- ▶ Thread tapping mode
- ▶ Language selection in display field, choice of DE-EN-FR-RU
- ▶ Digital reference point
- ▶ Digital parts counter
- ▶ Audible signal on reaching drilling depth
- ▶ Reduced speed in thread tapping mode
- ▶ Height adjustability chuck guard with microswitch for maximum protection
- ▶ Precision drilling table with parallel T-slots, precision surface finish
- ▶ Swivelling drilling table
- ▶ Solid base plate with parallel T-slots

#### Menu-controlled operation

##### Working modes drilling / Threading

- › During drill and thread tapping, the machine automatically sets the optimum speed for the tool, after the user enters the drill diameter and material.



#### OLED display

- › Spindle speed
- › Depth display (target/actual)
- › Counter
- › Selected tool and tool size

Siemens inverter  
SINAMICS V20

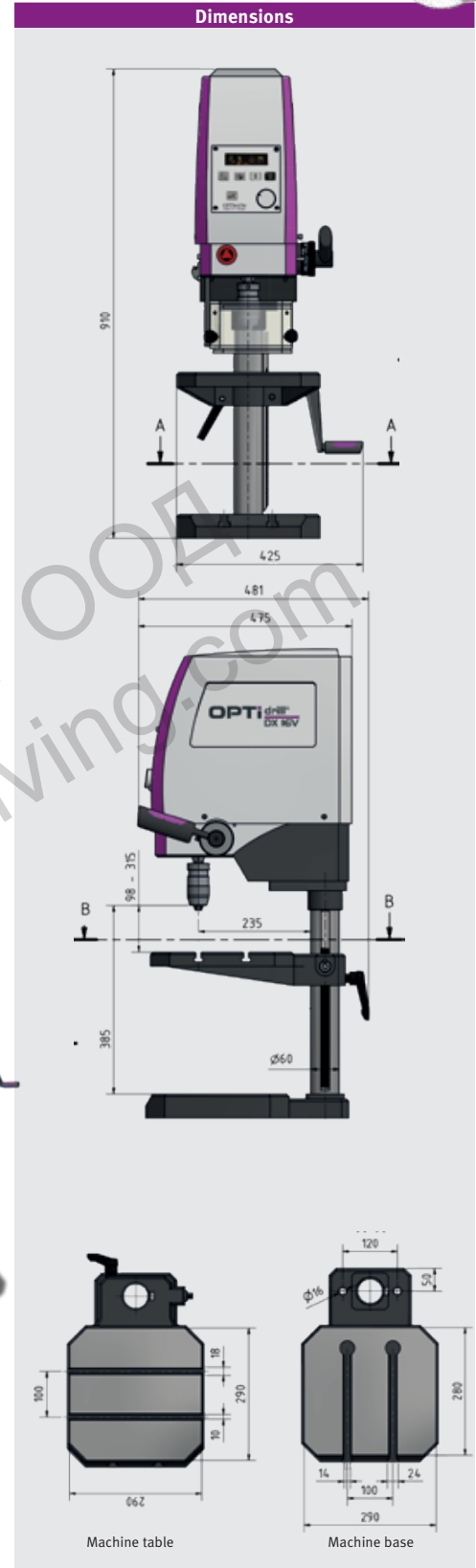


## Technical specifications, accessories and dimensions



Model	DX 17V
Article no.	3020170
<b>Electrical connection</b>	
Electrical connection	230 V / 1 Ph ~50 Hz
Motor output	1.0 kW
<b>Drilling performance</b>	
Drilling performance in steel (S235JR)	Ø 16 mm
Continuous drilling performance in steel (S235JR)	Ø 13 mm
Thread tapping steel (S235JR)	M8
<b>Spindle</b>	
Spindle sleeve stroke	60 mm
Spindle seat	B 16
Throat	235 mm
<b>Speeds</b>	
Spindle speeds	50 - 4 000 rpm
Number of speeds	Electronic speed control
<b>Drilling table</b>	
Drilling table workspace L x W	290 x 290 mm
T-slot size / spacing / count	10 mm / 100 mm / 2
Rotating drilling table	360°
Clearance chuck - drilling table	98 - 315 mm
<b>Machine base</b>	
Machine base work area L x W	290 x 280 mm
T-slot size / spacing / count	14 mm / 100 mm / 2
Distance chuck - machine base	max. 385 mm
<b>Dimensions</b>	
Column diameter	Ø 60 mm
Length x width x height	425 x 475 x 980 mm
Weight	73 kg

Accessories	Article no.
Assortment of clamping tools size 8	3352015
Assortment of clamping tools size 12	3352017
T-slot nut 10 mm / M 8	3353020
T-slot nut 14 mm / M12	3353025
Twist drill bits HSS-CO 5%, 25 parts	3201010
Twist drill bits HSS-CO 5%, 51 parts	3201020
Twist drill bits HSS-CO 5%, 41 parts	3201021
Universal coolant unit 230 V	3352002
Coolant mist lubricator MMC 1 with magnetic holder	3356663
Coolant hose KMS 2	3356660
Machine chassis	3353000
Information „Machine bases“ on page 135	
› More „Accessories for drills“ from page 64	



Machine vises	Article no.
BMS 85	3000008
BMS 100	3000010
BMS 120	3000012
BSI 100	3000210
BSI-Q 100	3000230
› Information on the vises on page 71	

**Scope of supply**

› Quick clamping drill chuck 1 - 13 mm