

Fully equipped **engineer's lathe** with closed feed gear. Quick and comfortable switching of the feed pitches. **"VARIO"** type with frequency converter **"Made in Germany"**

Convincing arguments: quality, efficiency and price

- Hardened and ground slideways
- Camlock spindle holding fixture ASA D 1 -4"
- Guaranteed concentricity precision of the spindle nose better than 0.015 mm
- Hardened and ground toothed wheels and shafts, oil-quenched and running on precision bearings
- Tailstock can be shifted by ± 5 for taper turning
- Right-/left-handed rotation at the lathe slide, switchable via indexing spindle
- Chip protection at the top slide
- Machine lamp
- High-grade 3-jaw chuck, centrally clamping
- Emergency-stop button, protective motor switch, lockable main switch
- "Vario" type with frequency converter "Made in Germany" with extreme high-torque and mostly constant torque progression
- Cover for leading spindle
- Mechanical feet spindle brake
- Test certificate
- Manufactured according to DIN 8606 (toolmaker's precision)

Model	D 330 x 1000
Item No	340 1000
€ VAT excl.	4'090.00

Model	D 330 x 1000-DPA
Item No	340 1000DPA
€ VAT excl.	5'480.00

Features of performance	
Electrical connection	
Motor power	1.5 kW 400 V ~50 Hz
Machine data	
Center height	165 mm
Center width	1000 mm
Turning \varnothing over lathe bed	330 mm
Turning \varnothing over compound slide	198 mm
Turning \varnothing without bed bridge	476 mm
Length of bed bridge	210 mm
Spindle speed	70 - 2000 rpm
Spindle speed <i>Vario machine</i>	15 - 2500 rpm
Number of steps	8 steps
Spindle taper	MT5
Spindle holding fixture	Camlock ASA D1 - 4"
Spindle hole	38 mm
Bed width	187 mm
Top slide - travel	95 mm
Compound slide - travel	170 mm
Tailstock holding fixture	MT3
Tailstock sleeve travel	100 mm
Longitudinal feed	0.082 - 2.711 mm/rev
Crossfeed	0.018 - 0.583 mm/rev
Pitch - Metric	0.4 - 7 mm/rev
Pitch - Inch	56 - 4 threads/1"
Trapezoid thread	8 - 120
Modular thread	0.2 - 3.5
Quadruple tool holder seat height (max.)	16 mm
Dimensions	
Length x Width x Height	1930 x 760 x 1470 mm
Net weight	550 kg

D 330 x 1000-DPA

- Incl. digital position display DPA 2000
- Incl. glass scales
- Incl. assembly



i Detailed information for DPA 2000 on page 95

Vario retrofit for D330 x 1000-DPA

- Incl. Vario retrofit kit 400V
- Exchange digital position display DPA 2000 to DPA 2000S
- Incl. assembly

Vario retrofit for D 330 x 1000-DPA
Item No 340 2933
€ 2'300.00 VAT excl.

Main spindle

- Running in a oil quench

Main spindle gearwheels

- Smooth running, hardened and ground
- Closed fast acting feed gear

Slide

- Precisely machined
- Top slide rotatable by 360°
- Handwheels with adjustable precision scaling of 0.04/0.02 mm
- Quadruple tool holder
- Chip protection at the top slide

Halogen machine lamp

- Covered articulated arm
- High positioning stability

Tailstock

- Adjustable by +/- 10 mm for taper turning
- Tailstock spindle sleeve and handwheel with adjustable precision scaling of 0.025 mm

Bed bridge

- Removable

Guidings

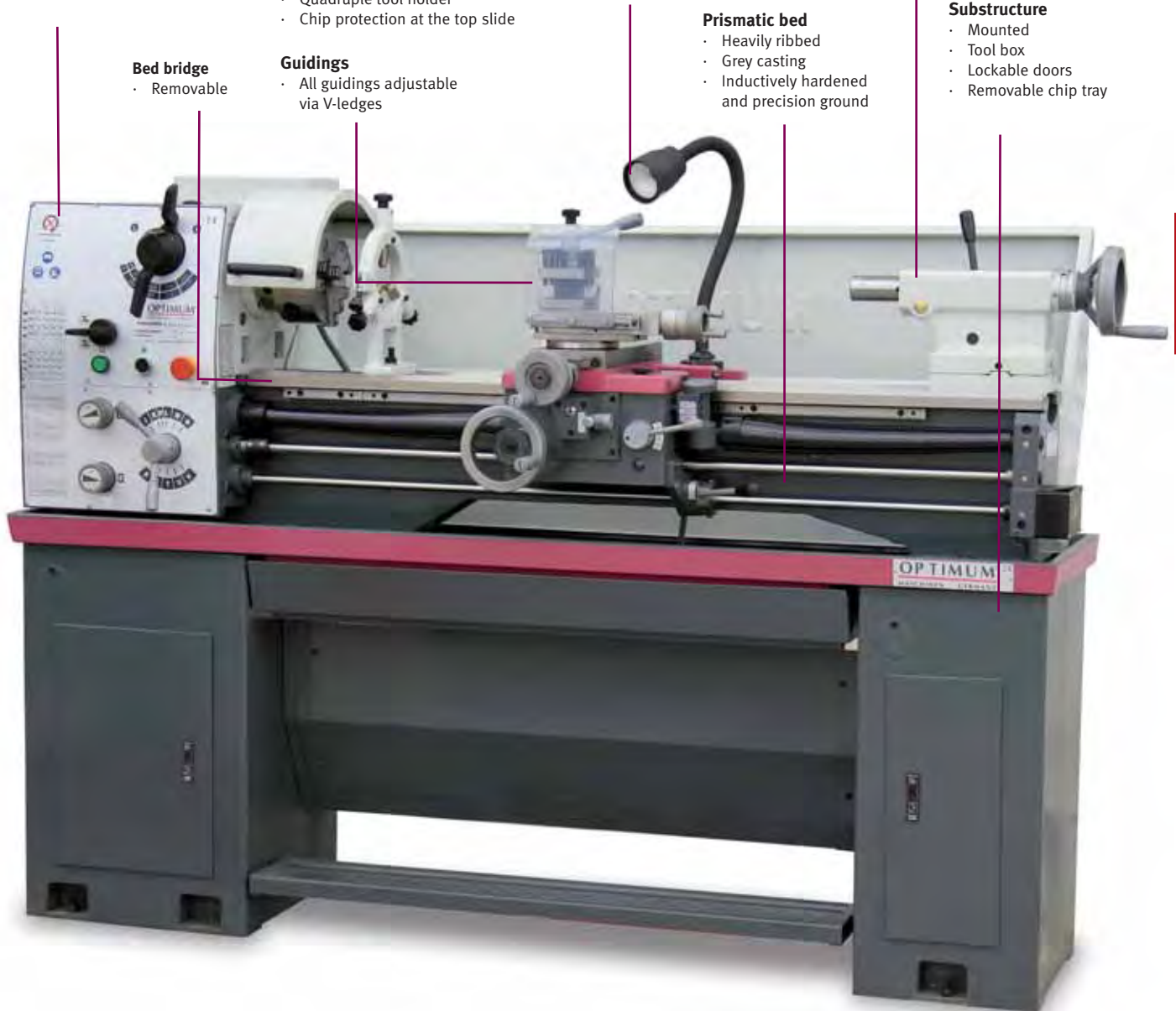
- All guidings adjustable via V-ledges

Prismatic bed

- Heavily ribbed
- Grey casting
- Inductively hardened and precision ground

Substructure

- Mounted
- Tool box
- Lockable doors
- Removable chip tray



Turning

Extent of supply

- 3-jaw chuck Ø 160 mm
- 4-jaw chuck Ø 200 mm with universally adjustable jaws
- Plane clamping disk Ø 250 mm
- Reducing bush MT5/MT3
- 2 steady centers MT3
- Steady rest passage to 100 mm
- Follow rest passage up to 95 mm
- Chip protection at the top slide
- Lathe chuck protection
- Spindle brake
- Mounted machine substructure with tool box
- Splash board mounted
- Threading gauge
- Quadruple tool holder
- Machine lamp
- Change gear kit
- Operating tool
- First filling with high-grade mobile oil

Accessories

	Item No	€ VAT excl.
· RÖHM 3-jaw chuck Ø 200 mm	344 1531	429.00
· RÖHM 4-jaw chuck Ø 200 mm	344 1532	479.00
· RÖHM plane clamping disk Ø 260 mm direct holding fixture Camlock D1 - 4"	344 1538	555.00
· Revolving center MT3	344 0703	50.00
· Cutting tool 16 mm, 11 pcs.	344 1508	65.00
· Cutting tool 16 mm, 7 pcs.	344 1511	120.00
· Collet chuck kit 3 - 25 mm, 5c, 17 pcs.	344 1509	300.00
· Quick-action tool holder SWH 3-E	338 4303	429.00
· Factory assembly SWH	900 0400	95.00
· Position limit stop with fine adjustment	344 1524	60.00

More accessories from page 82 on