

OPTI D 180 X 300 VARIO

Compact, applicable lathe for many purposes with stepless spindle speed regulation

Convincing arguments: quality, efficiency and price

- Stepless spindle speeds from 150 to 1,250 rpm and 300 to 2,500 rpm
- Main spindle hardened and bedded in readjustable precision taper roller bearings
- Hardened spindle nose (DIN 6350)
- The tailstock may be shifted +/- 2.5 mm for taper turning
- Wide threading range due to change gear kit
- Taper roller bearings in P5 quality
- Rolled trapezoid spindle
- Thrust bearing
- Leadscrew run on two porous bearings
- Leadscrew for threading or automatic longitudinal feed
- Induction-hardened and ground prismatic bed made from cast iron
- All guideways adjustable without clearance due to adjustable gibs
- Powerful, maintenance-free motor
- Right and left hand motion with zero adjustment
- Manufactured to DIN 8606 (toolmaker's precision)
- Cost-efficient, precise and of stable value

New



Convincing arguments...



- Main spindle hardened and bedded in adjustable precision taper roller bearings
- Taper roller bearings in P5 quality
- Cylindrical centring consumption, hardened spindle nose with a spindle hole of 21 mm
- Change gear mechanism
- Continuous speed control



- Precision-machined slide
- Handwheels with adjustable precision scaling
- Quadruple tool holder
- All guideways adjustable without clearance due to adjustable gibs
- Rolled trapezoid spindle



- Tailstock adjustable for taper turning
- Tailstock sleeve and handwheel with adjustable precision scaling



- Induction-hardened solid prismatic bed

Model	D 180 X 300 VARIO
Item No.	342 0301
€ (VAT excl.)	690.00

Technical data	
Centre height	90 mm
Distance between centres ¹⁾	300 mm
Max. turning diameter	180 mm
Spindle hole	21 mm
Passage 3-jaw chuck	16 mm
Spindle taper	MT 3
Spindle speeds, continuous	150 - 2,500 rpm
Pitch - Metric (11)	0.5 - 3 mm/rev
Pitch - Inch (8)	10 - 44 TPI
Longitudinal feeds	0.05 / 0.1 mm/rev
Swing over bed	100 mm
Quadruple tool holder seat height	max. 10 mm
Top slide travel ¹⁾	55 mm
Cross slide travel ¹⁾	75 mm
Tailstock taper	MT 2
Tailstock-Sleeve travel	65 mm
Motor power 50 Hz	600 Watt / 230 V
Dimensions	740 x 390 x 270 mm
Net weight	45 kg

Extent of supply:

- 3-jaw chuck Ø 80 mm
- Steady centre MT 2
- Steady centre MT 3
- Lathe chuck protection
- Rear splash guard
- Chip pan
- Quadruple tool holder
- Operating tools
- Change gear kit

Accessories	Item No.	€ (VAT excl.)
■ 4-jaw chuck Ø 100 mm	344 0711	95.00
■ Face plate Ø 170 mm	344 0295	35.00
■ Lathe chuck flange Ø 100 mm	344 0312	70.00
■ Steady rest	344 0294	35.00
■ Follow rest	344 0293	30.00
■ Revolving centre MT2	344 0702	45.00
■ Collet chuck holder ER 25	344 0305	70.00
■ Collet chuck kit ER 25, DIN 6499, 15 pcs. 1-16 mm	344 1109	240.00
■ Quick action holder SWH-AA	338 4311	250.00
■ Factory assembly SWH	900 0401	60.00
■ Single tool holder 13x50 Typ D	338 4312	49.00

More accessories from page 42 onwards

¹⁾ Travels are reduced when using measuring gibs for digital displays