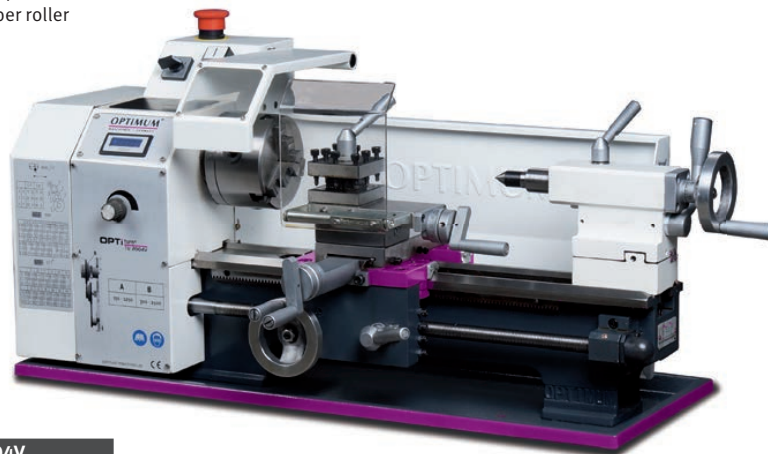


Modelbuilding lathe with electronic speed control and digital speed display



Facts that impress in terms of quality, performance and price

- ▶ Precision workmanship
- ▶ Ribbed cast steel prism bed with strong ribbing, induction tempered and precision ground
- ▶ Tempered and polished z-axis guideway
- ▶ Tempered spindle nose (DIN 6350)
- ▶ Guaranteed concentricity of spindle nose better than 0.009 mm
- ▶ Automatic longitudinal/leading spindle drive
- ▶ Roll-milled trapezoidal thread on lead spindle
- ▶ Leading spindle borne on two sintered bearings
- ▶ Longitudinal, cross and top slides
- ▶ Right-handed/left-handed rotation switchable via control panel
- ▶ Tempered main spindle borne on adjustable precision taper roller bearings
- ▶ Tapered roller bearings in P5 quality
- ▶ Cylindrical centring mount
- ▶ Tempered spindle nose with \varnothing 21 mm spindle bore
- ▶ Lathe chuck concentricity better than 0.04 mm
- ▶ Tailstock adjustable for turning spheres
- ▶ Tailstock spindle sleeve and handwheel with adjustable fine scaling 0.02 mm
- ▶ Fast, easy adjustment without tools thanks to clamping lever
- ▶ Emergency stop button
- ▶ Chuck protection
- ▶ Thrust bearings
- ▶ Gearbox with interchangeable gearwheels
- ▶ Quadruple tool holder, rotating
- ▶ Interchangeable gear set as standard enables large thread tapping area
- ▶ Three-jaw lathe chuck included in standard scope of delivery
- ▶ EMC filter class C1



Model	TU 2004V
Article no.	3420310
Technical specifications	
Electrical connection	230 V / 1 Ph ~ 50 Hz
Drive motor	600 W
Spindle	
Spindle taper	MT 3
Spindle bore	\varnothing 21 mm
Spindle seat	cylindrical \varnothing 72 mm
Passageway three-jaw chuck	\varnothing 20 mm
Quadruple tool holder mounting height	12 mm
Work areas	
Centre height	100 mm
Centre width	300 mm
Max. turning diameter	200 mm*
Swing over cross slide	110 mm
Bed width	100 mm
Speed range	
Spindle speeds	150 - 2 500 rpm
Number of speeds	2 speeds. Electronic speed control
Travel	
Top slide travel	55 mm
Cross slide travel	75 mm
Feed and pitches	
Longitudinal feed within the range	0.1 - 0.2 mm/rev (2 feeds)
Pitch - metric in range	0.25 - 3 mm/rev (14 pitch)
Pitch - inch in range	44 - 8 turns/inch (12 pitches)
Tailstock	
Tailstock seat	MT 2
Tailstock - quill stroke	65 mm
Dimensions L x H x W	
Weight	830 x 425 x 360 mm 61 kg

Scope of supply
▶ Three-jaw lathe chuck \varnothing 100 mm, centre clamping
▶ Fixed centre MT 2 and MT 3
▶ Splashguard
▶ Chip tray
▶ Replaceable gear set
▶ Quadruple tool holder
▶ Operating tool

Lathe chuck	Art. no.
Four-jaw lathe chuck \varnothing 100 mm, centre clamping (Chuck flange 3440312 required)	3442810
Four-jaw lathe chuck \varnothing 100 mm, individual clamping (Chuck flange 3440312 required)	3442872
Chuck flange for lathe chuck \varnothing 100 mm (3442810/3442872)	3440312
Clamping disc \varnothing 170 mm	3440295
▶ Information about lathe chucks from page 184	

Accessories	Art. no.
Follow rest passageway max. \varnothing 40 mm	3440230
Steady rest passageway max. \varnothing 50 mm	3440231
Collet chuck ER 25 \varnothing 72 mm	3440305
Quick change tool holder SWH-AA	3384311
Factory assembly SWH-AA	9000401
Spare tool holder 12 x 50 type D for square chisels	3384312
Spare tool holder 12 x 50 type H for round chisels	3384320
Lathe tool set 10 mm, 11-part	3441602
Lathe tool set 10 mm, 5-part	3441664
Information on „Lathe tool set“ from page 190	
▶ More accessories for lathes from page 188	