

Wood Turning Lathe 5000-Hydro-King

Distance between centres: 1.600 mm, 2.500mm
copying length: 1.500 mm, 2.400mm

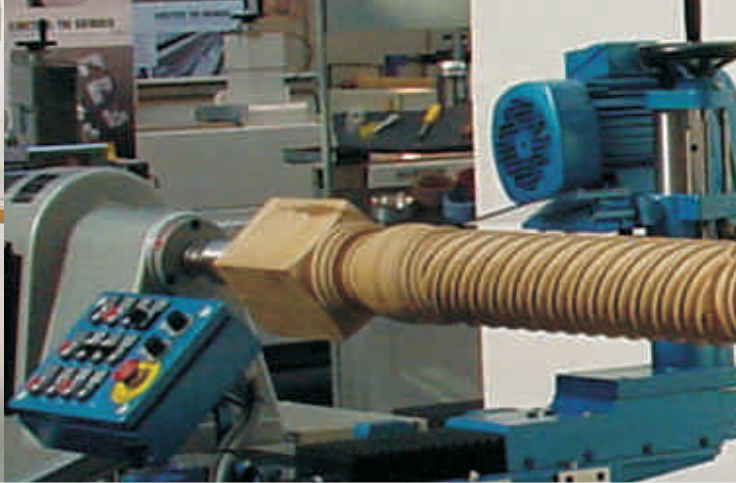
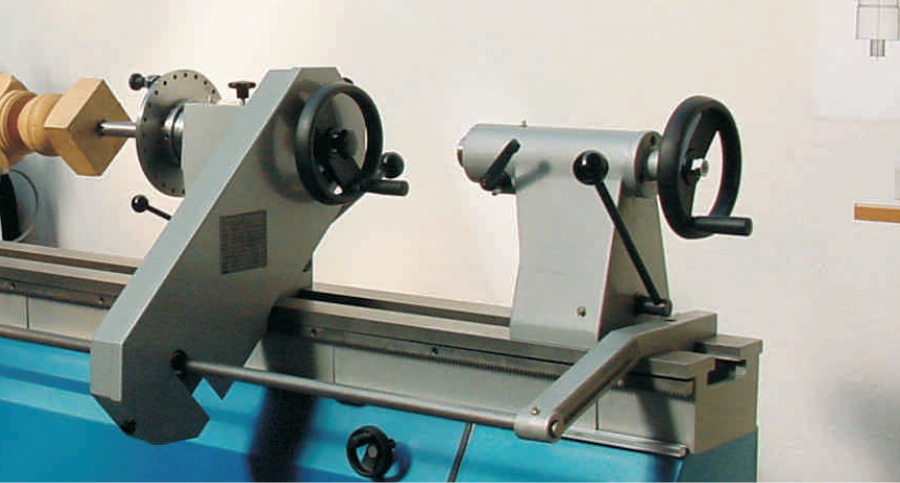
The **5000 Hydro**, a very precise, efficient copying lathe in heavy grey cast iron design and first-class workmanship. Excellent true-running accuracy with hydraulic scan of the original workpiece or template. Motor feed with an infinitely variable DC transmission motor (0,37 kW) incl. fast return stroke of the copying slide, incl. HSS-turning steel. Completion of the workpiece in one work cycle through copying stroke up to 150 mm. Very short production time, small grinding expense and excellent turning quality by vibration-free copying turning with leading back rest.

The special advantages of 5000-Hydro-King:

- **Very short production time:** Completion of the workpiece in one work cycle through copying stroke up to 150 mm.
- **Use of a second copying slide possible, copying lift 2 X 150 mm**
- **Difficult profile pitches can be manufactured** as minimal hydraulic scanning pressure of 65 gr.
- **Operating panel:** Fixed centrally at the running copying unit.

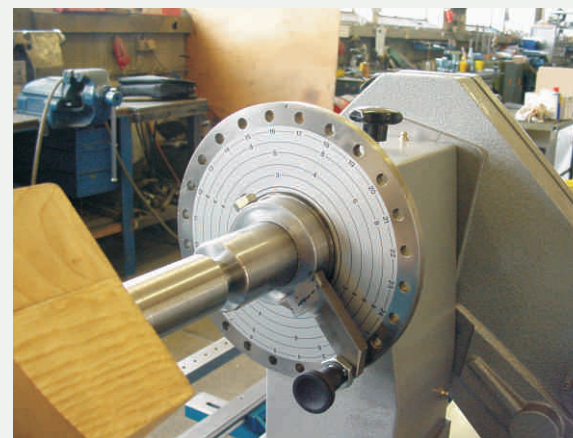
Very precise and efficient wood-copying lathe. Made of high quality grey cast iron free of vibration. Top quality, noise-reduced, excellent accuracy.





By assembling the channelling milling device **KFE-5000** and the **KF-50 Special** the operator has creative as well as boundless possibilities to produce the most different forms.

Full power transfer of feed motor also in the lower speed range by infinitely variable DC motor.



Special features of the 5000-Hydro-King:

- **Short production time**
- **Use of a second copying slide**
- **Hydr. profile scan** (lift 150 mm) and **scanning pressure of only 65 gr.**
- **Infinitely variable DC feed motor** with feeding speed of 0 to 3,5 m/min.
- **Solid hollow spindle meeting** all requirements with two maintenance-free precision special ball bearings (suitable for vacuum connection), with M33 thread and inside cone MK3
- Handwheel for braking
- Spindle motor: can be changed in poles with 1,4 / 1,8 KW, 400V, 50cps, 3Ph
- Spindle speeds: 400 - 800 - 1000 - 1250 - 1600 - 2000 - 2500 - 3200 rpm. 4-step Poly-V pulley
- Infinitely variable electrical spindle drive (by means of frequency converter) Available for an extra charge
- Tailstock: heavy grey cast iron design with excenter quick clamping and cone Mk2



Profile milling blade no. 1-6
for KFE-5000

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