



Wood-Copying Lathe 7000 CNC

with Laser Scanning

Wood turning and milling technology with „profile programming predominantly by Laser Scanning“ or via MegaCAD software.

Designed for professional use the 7000-CNC offers convincing technology and ensures simple and practice-oriented operation. Use of usual PC hardware and software (Pentium PC, Windows XP and CD burner), therefore very small training course expenditure. A template or a wood sample is not necessary. If production changes the new profile can be manufactured in few seconds.

Distance between centres 1.800 mm, 2.700mm, 3.800mm

Copying length 1.700mm, 2.600mm, 3.600mm

Centre height: 300 mm,

Programming directly at the machine.

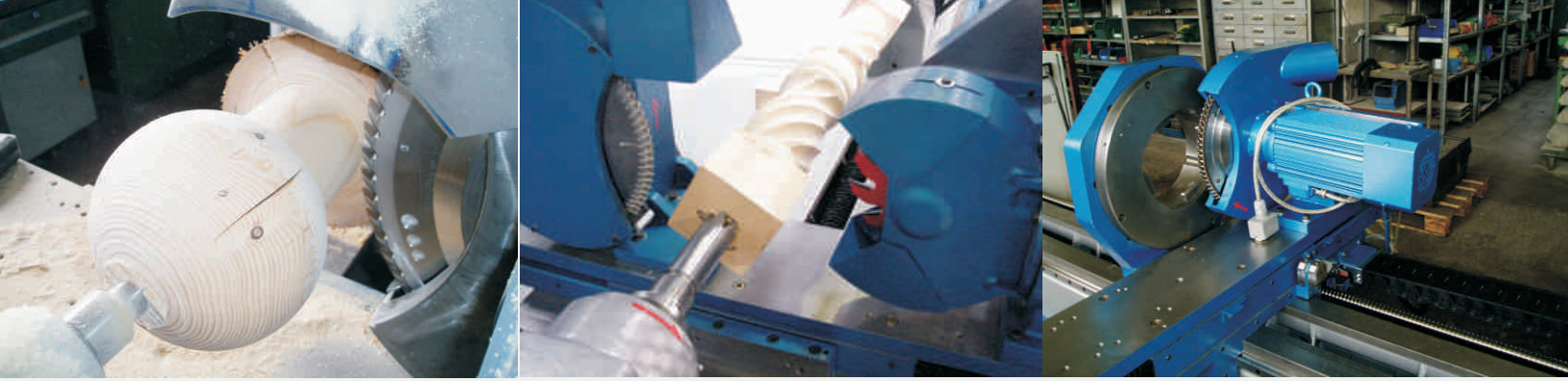
Advantage: program modifications can be made directly at the machine and needn't be

The 7000-CNC is suitable for the production of:

- Round profiles, e.g. railing rungs, table-legs, lamp parts,....
- Profiled wound profiles and longitudinal cannelures
- Milling from 1 to 24, sharp-edged wished profiles

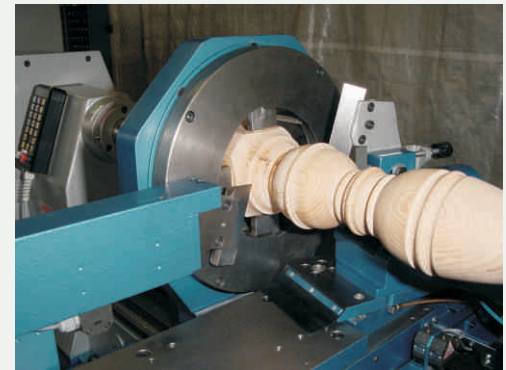
Very precise and efficient wood-copying lathe. Made of high quality grey cast iron free of vibration. Top quality, noise-reduced, excellent accuracy.





Technical Data

Spindle shaft:	Sturdy spindle, twofold precision special-ball bearing, maintenance-free Thread M45, inside cone MK4.
Drive:	Sturdy servo motor with special wide V-belt constructed for continuous operation. Three-phase current of 400 Volt, 50/60 cps Hz
Pivoting Device:	Infinitely variable from 0 to 6 m/Min.
Speed:	Sturdy, infinitely variable speed transmission of 0 to 3000 rpm./Min. Optical speed display.
Distance between centres:	1800 mm, 2700mm, 3800mm
Copying length:	1700 mm, 2600, 3600mm
Height of centres:	Max. 300 mm
Copying diameter:	300 mm
Pivoting device:	Pneumatic 6 bar air connection
Tailstock:	Precisely and easily movable, with excenter quick clamping. Quill cone MK 2. Quill stroke 160 mm with safety clamping device, also suitable for extremely heavy workpieces.
Electric system:	motor protection, protection class IP 54
Dimensions Machine:	L=3400 mm, 4500mm..... (without operation panel) B=900 mm, 1260mm..... H=1230 mm
Weight:	appr. 1000 kg, 1500 kg.....



Precutting of wood profile by using 4th axis

In one work cycle the wood profile is precut by using the 4th axis between back rest and pivoting device. The 4th axis drives the profile in the same way as the copying turning steel (pivoting device). Thus workpieces of big diameters can be processed in one work cycle.

Special features of the 7000 CNC

- Control based on PC
- 2 or 3-axis with servo motor control
- Use of current PC hard and software
- Very simple and practice-oriented operation
- Very small training course expenditure
- MegaCAD Programming
- Programming predominantly by LASER Scanning
- CNC reworking program (contort or displace)
- Production of multiple parts of the shelf
- Automatic copying turning steel pivoting device
- 4th axis for profile rough cutting

Operation with PC terminal and programming on CAD software.

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