

HIGHEST QUALITY IN WOOD TECHNICS
WEMA News from Olbernhau

WEMA Maximat 50 plus NC Automatic



The universal construction of the "MAXIMAT 50 plus" also makes it possible to adjust the processing slide rests to meet the requirements of special turned parts. This allows cutting and milling slide rests to be used for example.



WEMA MINIMAT 65 NC

WEMA MINIMAT 65 NC is a further development of our approved Automatic Small Components Lathe WEMA MINIMAT 65.

The drive of both swivel heads is equipped with electric servo axis and ball circulation guidance.

Existing MINIMAT 65 machines can be modified to the new system MINIMAT 65 NC.

To work with 2 form tools is still possible and you also can do various chippings as usual.

1. Innovation

No more setting up of limit switches.

Positions and speed will be set up in the programme.

To each stroke work, you can put in several positions and speeds.



2. Innovation

By use of 2-axis NC control you can mount a profile cutter on the front support. This profile cutter together with the feed can do a free definable contour. The contour will be made on a separate PC by Mega Cad and put into the machine. The lathe can code profile and schedule programs.

The advantage when working so is:

You save costs for tooling, because you do not need a formtool for rough turning.

You use only 1 profile cutter for different profiles.

You do the final turning with the form tool and reach highest quality of the turned parts.

The profile cutter works directly behind the steady, therefore you reach

Better solidity when working with long turned parts.

Quicker working process at rough turning.

Saved programs can be called up quickly.



3. Innovation

You can work with a profile cutter instead of working with a form tool.

Or you work only partial with a form tool.
A profile cutter is cheaper than a form tool.
Quick modification of the contour by changing of drawing on PC
Best results by producing small series, where a form tool would be too expensive.
Excellent quality reached.
Working with longer turning parts possible.



The fully automatic copying lathe with state of the art technology. All axes run on hardened and ground low-maintenance ball transfer guides. The CONQUEST can be delivered in 3 or 4 axis design.

Functions of the CONQUEST
CNC Fully-automatic Copying Lathe

The “**CONQUEST**” can be supplied as a 3 or 4 axis machine. All axis are produced with hardened and ground linear guides.

Functions of the “**CONQUEST**”:
Turning, sanding, routing, grooving, engraving, drilling

Further details:

CNC controlled steady, hopper feed, laser-scan for copying existing profiles, 3kw router infinitely variable speed 6000-18000 rpm, tiltable, turnable and height adjustable, collets to 16 mm.
CNC controlled copying steel swivel function.
CNC controlled sanding unit which can be used for flat or pointed profiles on turned articles.



NOVELTY
WEMA CONQUEST with 5 axis

- 2 opposed cutters for greater stock removal
 - High speed production or single part turning
 - Programmable sanding unit
 - (Patent) Laser scanning of original sample
 - (Patent) Large capacity self centering magazine
-