



Umbauten, Erneuerungen, Retrofit

Conversion Waldrich Coburg Photo report
Waldrich WU 157

Waldrich planer reconstruction

Created hpw09_07_2016 / 04122018
Use: 2016

New CNC control - feed drives are renewed in 2016 August

In the summer of 2016, the customer has decided, after nearly 20 years of production, to let grow a new controller to the machine.



Figure 1: The entire reconstruction was made using a simulator at home WIAP AG that the conversion time limited to a short time.

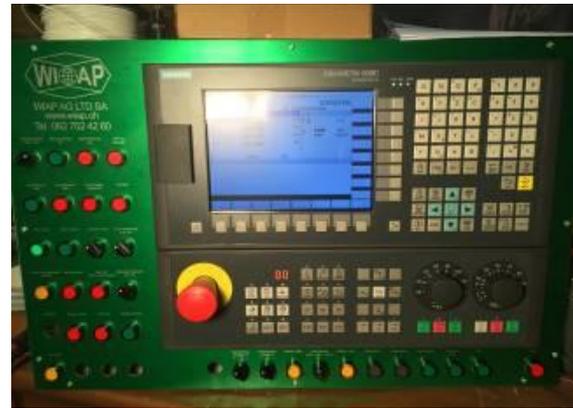


Figure 2: The new CNC control is the newest of the new. The customer can now expect to be able to work for 20 more years back



Figure 3: The surgeon was happy with the switch arrangement of the old solution and did not want any innovations. That is why we have taken over much of the old buttons, although it could have gone in the new control much of the CNC. But in terms of the hand, semi-automatic and CNC solution we have chosen it to operator request.



Figure 4: All the old goods were dismantled.



Figure 7: A couple of hours there is already work



Figure 5: replace all cables and the old engines.



Figure 8: Even Caroline Widmer was involved in the project. She was the first reconstruction 20 years ago full of it.



Figure 6: The whole renovation took 2 weeks. There were elected the closing it. Jim Widmer Widmer and Sven are the specialists.



Figure 9: Jim Widmer looks forward to after work.



Figure 10: Here, the CNC holding tube had to be shortened slightly so that the workpiece can pass under the control. Good coverage is important that nothing is damaged.

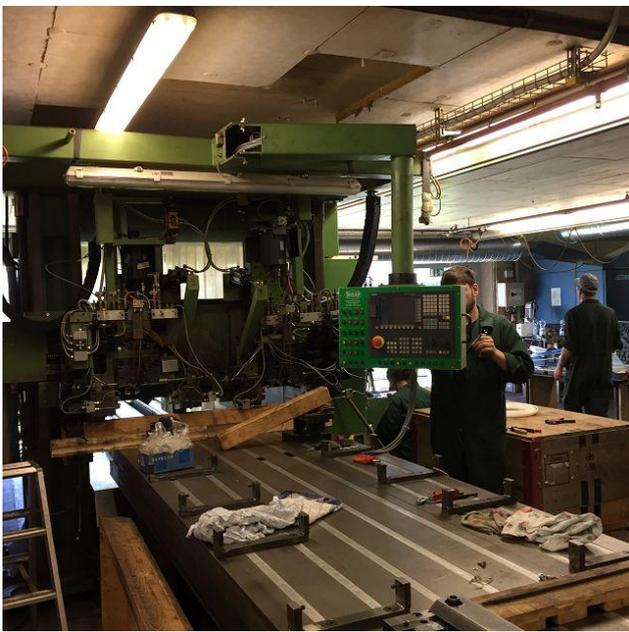


Figure 11: This is the last picture of the project. The customer does not want the competition realizes what can be done on the machine. The WIAP has developed the project and realized 20 years ago. Even today, the customer has a competitive advantage, which he does not want to tell the competition. The machine makes, thanks to the concept created by the WIAP AG, long parts in hundredths of a millimeter.

The WIAP AG continues to expand its machine tools and has a subcontractor base. Whether for new machines or conversions; there are usually used everywhere the same internal components. Thus, the spare parts warranty is secured.

When WIAP AG are not only the old who can do that. For years, the WIAP this training, intensified for the cockroaches. There are always two shaving machines at hand.

The cost of a retrofit (conversion with revision) to a new machine is about 40 to 60% of a new machine, because the basic meat is available. Only an exchange of CNC without drives what is possible today, with analog drives, can not be held rare even among 10 to 20% of the machines new purchase value. Even then, you have the built latest CNC control on the machine so that the operator does not feel he has an old machine. Thanks to the WIAP alarm system design prevents incorrect operations and not know how to do something, backed with messages. This results in a very simple operation for all employees who work on a retrofitted by the WIAP machine. Thus its pleasure to work with the machine.

Manufacturers and sales, design electrically and mechanically, all from one source



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