



**Umbauten, Erneuerungen, Retrofit**

**Conversion Weisser Lathe**

WU\_220



Figure 1: CNC lathe, which was in Switzerland for large company. First CNC was a Sinumerik 5T. This was 20 years later, converted the first time a Sinumerik 810T and a second time a Sinumerik 802nd



Figure 2: Here you are at the PLC programming with the lap top.



Figure 3: There are some things that need to go as revolver gear. Then the security is very important.



Figure 4: This is a maintenance man.

Photo report remodeling Heid lathe WIAP a partner for many projects



Figure 5: When commissioning wants lubrication not the way we want it. No pressure build-up. It searches, you'll see that the pump is defective. So a conversion helps the errors that can cause expensive consequences, are found before the damage.



Figure 7: The machine in production. All were glad that with the new controller could be the first CNC machine have been in production again. What was coming with the new programming, was then aware when they saw how easy it produced over 10 years with a very simple system. All parameters programmed. For each oil thread. Only 15 values must be entered and a thread was ready.



Figure 6: Maintenance of the machine. That's the future. The WIAP trains here, the two servicemen Yoba and Carlo.



Figure 8: This machine. Wherever it is, we have often worked dripping wet. The sweat was one from the pores like crazy. The humidity is often above 100%. If you made passage, one had to train strong, sometimes ear pain. So not so easy to cope as Europeans because in Africa with life.



Figure 9: Here you can see after the completion of the renovation, like everyday is going on. Jo the drawings studying for the next project.

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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.

End tag Retrofit of Weisser Lathe