



## Umbauten, Erneuerungen, Retrofit

### Photo report remodeling carousel lathe

#### Berthiez

WU245

Task 1: Conversion CNC control to new Sinumerik with new feed motors

Task 2: Install the chip solution



Figure 1: The Berthiez carousel, France, has been completely equipped with new feed motors, new spindle motor and a new CNC Sinumerik.



Figure 2: The machine is in good condition. Was acquired by a major Swiss company truck in a Swiss foundry. Heavy cutting was announced for this machine.

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Figure 3: Conversion Berthiez VTL by WIAP AG.



Figure 6: Drive of the chip collection ring.

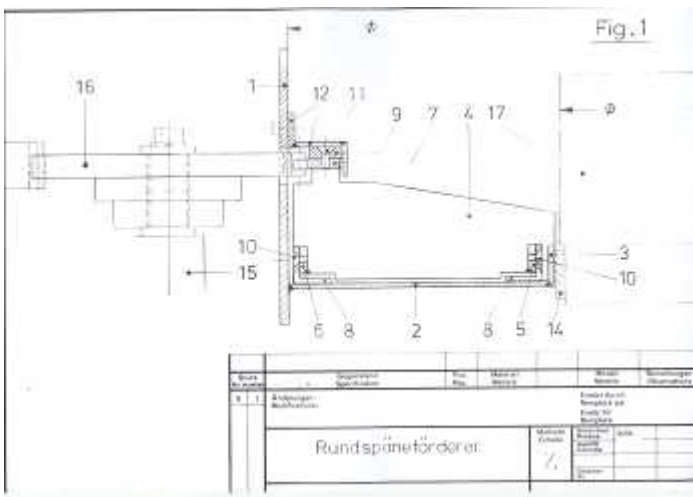


Figure 4: Sketch as cultivated a chip removal



Figure 7: So the solution AG looked through the WIAP before mounting.



Figure 5: A ring system has the swarf which fall outside by the centrifugal force, is collected and moved through a hole in a chip conveyor.

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 the can. For years, the WIAP this training, intensified for the cockroaches. There are always at hand 2 shaving machines.

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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 often even below 10 to 20% of the machines new purchase value are made. Even then, you have the latest CNC control based on the machine so that the operator does not feel must have, he has an old machine. Thanks to the WIAP alarm system concept are operating errors and ignorance, such as what to do with messages supported. 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 report Berthiez

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