

Photo report WU_153

Big planing and milling machine Waldrich Remodeling, retrofit

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Description:

Gross planer - milling guide covering remodeling. Air withdrawal installing against stick-slip effect = Haftgleiteffekt. The (self-induced) friction vibration or the stick-slip phenomenon, called the shockslide from moving against each other solids, With the air detachment, the effect is improved. This involved bags are made and a positive pressure system to the sliding coatings.



Figure 1: Lubrication at Waldrich planer with air support. Machine made jerks during milling and the so-called Stip Slik effect had to be removed.

The conversion took 8 working days.



Figure 2: The SKC covering is re-poured. The WIAP apprentice Burim when cleaning the adhesive Ausgiessarbeit.



Figure 3: To a large machine requires a lot of strength. In the evening everyone what worked white.



Figure 4: The big portal passage of Waldrich machine

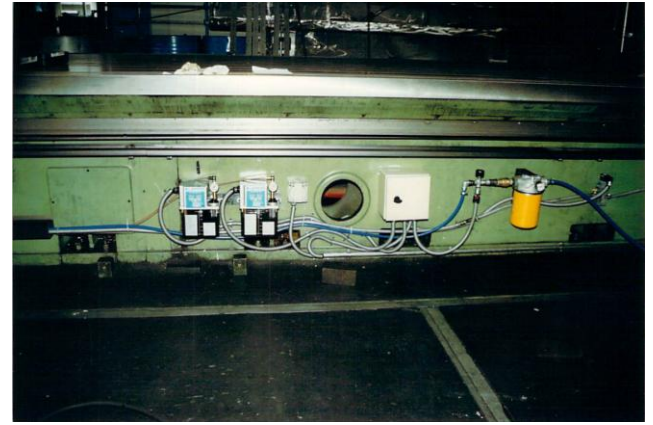


Figure 7: For air withdrawal also additional lubrication to allow sufficient oil to the various air inlets, passes.



Figure 5: the end face from the 2-part slide the distribution center of the air withdrawal is mounted.



Figure 8: A large machine with a cunningly devised management solution. When planing the stick-slip phenomenon does not interfere. But when milling with a slow feed, it is disturbing.



Figure 6: The feed with a filtration, and the control box.

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.

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