



Umbauten, Erneuerungen, Retrofit

Photo report CNC machine headstock torn WU230

At the Oilfield CNC lathe Opera Expensive have started accidentally high speed. A rod buckled and tore away from the rear feed. It had to be ordered a new headstock. It was several months to return the machine could be used.



Figure 1: This workpiece was clamped on the fly in the CNC turning machine, the back of the lining about 4 feet to rotate freely. Only under special circumstances was finally told me, how the accident actually happened. Then broken a blast machine.



Figure 2: The defective spindle.



Figure 3: The broken stem. A damage over USD 100`000.- Please see the new report describing the revision. Thank you.

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Figure 4: The new spindle stock is ordered with a larger bore. The conventional hole was 250 mm; the new 320 mm.

Figure 6: The WIAP here has several operators for the machine tool maintenance training.



Figure 7: placing a headstock newly Without right crane was not easy.



Figure 5: Here was a spacer plate mounted, which had to be dismantled for the larger headstock.



8: But soon the work was done.

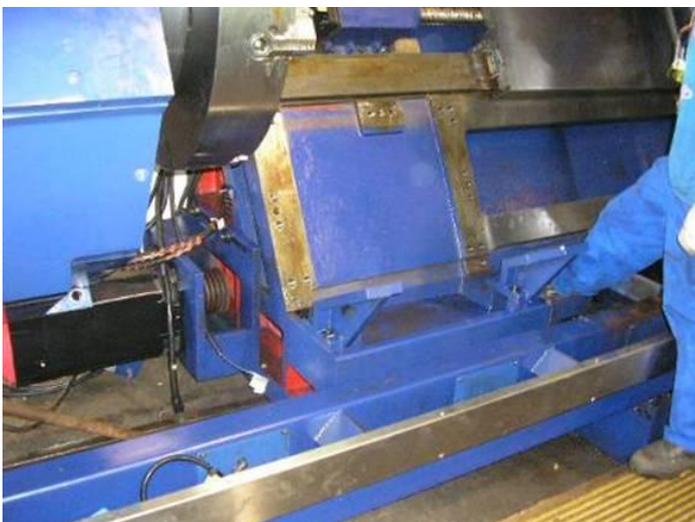


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Figure 9: The screws had to be installed with a long tube.



Figure 10: In the evening were all very tired; much physical work. And in a place with almost 100% humidity.



11: OK, the Make ran again. Rotating cylindrical, was focused and ready for production.

the WIAP had a work visa could enter where no third fitters without special permission of the area where such machine. For the reason, the WIAP agreed to do this work.

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 everything from one source



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