

## Report 12: Rev01

**Project WIAP-KFKOK Vietnam,  
"Education for every one" 15 .07.2011  
Secondary school area southeast of mechanics and  
electricity at Thien Tan Commune, Vinh Cuu District,  
Dong Nai Province, Vietnam  
created: 15.07.2011**



Photo 01: Some people think it looks more and more all from the same. There are many hours behind such a small machine. The training is important, so it will take some time.



Photo 02: Our Crane number 02 has now helped us a lot, so we are much faster forward. After the holidays, we make two heavier versions.



Photo 03: In the middle is teacher, Jerry. Left the oldest student, he is 29 years old. Both make very conscientious work.



Photo 04: This slide has a lot of lubrication holes. We have now also decided a change so that more can be scraped. That's all good, the drawings will be changed immediately.



Photo 05: Here, the apprentices had to independently construct and create something. The belt tensioner for the spindle motor. If they then need to hone holes a day because they made a mistake of thinking, the students know why you have to learn polish!



Photo 08: With great patience, they can sand the rust with sandpaper on the work pieces, which we prepare for painting.



Photo 06: Now prepare the apprentices color to the machine base of the second School machine to paint.



Photo 09: How nice it would be to use the sand blasting cabinet. But we will wait a bit so they get even the instinct to steel.



Photo 7: Here we had to enlarge the spray booth improvised, the bed is simply too long. We will do after the summer holidays, a dockable cabin part. This is a beautiful work, and for the new apprentices.



Photo 10: Since we have three compressors, compressed air is wonderful for the apprentices. But they have out in the open air, blow everything good and clean to prevent dirt particles get under the sliding surfaces. Slowly they realize that we are very attentive and have no tolerance.



Photo 11: Everything once again disassembled and blown out in the open.



Photo 12: Here was placed the X carriage, now is scraped.



13th Photo This tailstock bracket we have brought from Switzerland. Now we make them ready. Robinson, the head teacher has so much fun to work there.



Photo 14: Yes, that looks quite stable and has pretty weight. An apprentice must immediately behind the drawings, and examine how the part is and what is the drawing. Lubrication and tailstock clamping apprentices now have to construct yourself ready and then draw.



Photo 15: Now Robinson has the tailstock bracket welded ready yet, so he makes a lot. We must be careful that the teachers do not always catch only the most beautiful work. The teacher then left the apprentices not so nice work.



Photo 16: Before the tailstock console is being processed, it must first be relaxed even with vibration.



Photo 19: Outside there is a heap of sand and our apprentices are always so dirty fingers. Our sand soap from Switzerland, is assumed.



Photo 17: We do it outside because the hall floor is not good enough. The hall floor is vibrating excessively. 30 minutes at 4300 rpm is relaxed.



Photo 20: OK, we make the soap ourself. Sand and washing-up liquid, which can be purchased in 5-liter jugs for about 3 CHF, and this is the finished soap.



Photo 18: This is an old LC 20 WIAP metal expansion plant, which we bought back from a Swiss client, as he changed the production. What would we do without vibrate!



Photo 21: Finally, yesterday came the text message from the Consul General Beat Wafler, our papers have arrived from Hanoi.



Photo 23: These stamps are required for Hanoi.



Photo 22: Twenty-six certified documents. In Switzerland, we have per stamp, 20 - paid CHF; totally 520th - CHF. Then another 200 CHF for Hanoi and for the certified copies of CHF 150 - Such papers are not so cheap.

End Photo Report 07/15/2011

Created H.P Widmer  
Tested Iris Widmer