



Environmental and productivity benefits from using the Wogaard oil saver in partnership with Rimann AG



WHAT'S IN THIS ISSUE

- Old chip bins causing a mess on the workshop's floor at Neida Bartschi AG.
- High amount of neat oil dragged from the conveyor to the chip bin.
- Rimman designs ARYMA chip trolleys introducing the Wogaard Oil Saver.
- The accumulated oil is reclaimed back into the machine's reservoir.
- Dryer chip bins and cleaner floors since then.

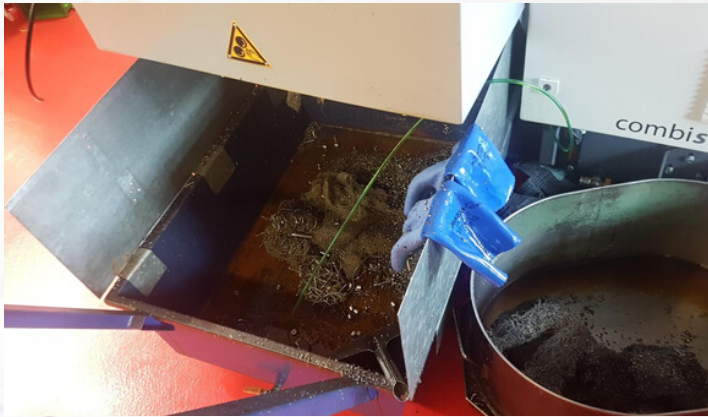
Rimann AG a leading supplier in filtration, separation and chip separation devices with a focus on environmental recycling and reusing in the metalworking industry.

The latest project involved supplying the “Wogaard Oil saver” and new chip bins to Neida Bartschi AG in Switzerland

Rimann AG has worked for many years for the company Neida Bartschi AG and had supplied them one of there ARYMA 51-2 chip spinners to separate the neat oil from the chips to ensure the swarf was less than 3% moisture dry along with re-using the oil.

Neida had recently upgraded all the sliding head machines to increase productivity however were using old chip bins/trolleys from the older machines.

The Mayfran conveyor also dragged a lot of oil in the chip trolleys so the machines would stop at night because there was not enough oil in the machine tank causing a number of hours of lost production.



BEFORE

Additional issues when tilting/emptying the swarf from the full chip trolleys in the ARYMA Chip spinner was the high amount of oil flushing in and out of the centrifuge causing a big mess!

Much of the work Neida Bartschi AG manufactures is for the medical industry so no oil mixing is allowed between machines. Even after spinning the swarf/chips the drained oil could not be re-used on these machines resulting in higher oil costs and usage.

The old chip trolleys were not long enough for the Mayfran conveyor so, oil and chips dropped on the floor causing Health and safety issues.

AFTER

Rimann AG solution was to introduce the Wogaard oil saver and ARYMA chip trolleys!

The Wogaard oil saver unit is connected to the machine's pump and reclaims the fresh oil as soon as it drops into the chip bin and takes it back to the machine tank. As it is connected to the machine pump it works automatically when the machine is in operation so no additional manpower. Wogaard also do a similar device for soluble coolant.

The results of the project are the oil is now going back into the same machine, a much cleaner environment and a happy customer which found a good and simple solution.

