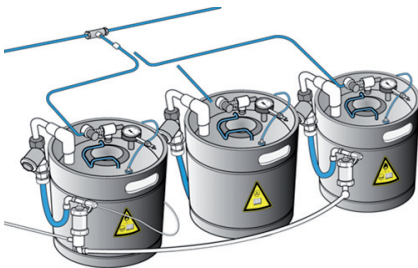


UPGRADES

Alternating Washing Agent Operation

ps **printservices**[®]
a trademark of manroland



Separate infeed lines for different washing agents permit fast changeover between different applications.



ROLAND 700 HiPrint: Faster washing agent changeover

Get optimal washing results in alternating and mixed operation.

Combi operation – a process-technological challenge

Combi operation is the most exacting process because two ink systems with different chemistry are used. In the past these differences have led to long makeready times when changing from one system to the other.

Previously a lot of work involved

Because the rollers and blankets need to be washed, the process stability and economy of combi operation are not optimal. Incompatible washing agents and residual ink can lead to an increased number of waste sheets. manroland has conducted a series of tests and the most important finding was: no washing agent cleans better than the one specifically matched to the ink system concerned. It has been proven that up till now there is no multi-purpose washing agent which is equally good for all ink systems. Still, changing washing agents has up till now involved the operators coming into contact with the fluid, and more time has been needed to drain the old washing agent out of the lines and fill them again with the new one.

Upgrade opens up new possibilities

But now you can equip your press with the “Alternating washing agent operation” upgrade. This permits automated washing agent changeover with separate supply lines for the different washing agents with alternating activation. Operator contact with washing agent is avoided and makeready and changeover times are greatly reduced. Furthermore, alternating activation opens up new applications that were previously not possible. Now you can not only alternately work with UV and conventional inks and coatings but also work with both in one run. This gives you total production flexibility: for example when printing film/foil, UV opaque white can be applied in the first printing unit, hardened in an interdeck dryer, and then overprinted with conventional inks.

The advantages of the “Alternating washing agent operation” upgrade are very obvious: you benefit from shorter makeready times, optimal washing results, greater operating comfort and the highest degree of production flexibility. ■■

Advantages

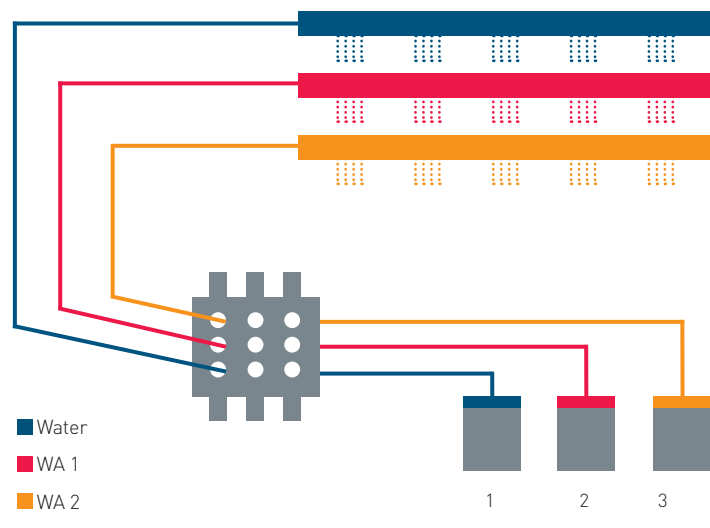
- Process stability through optimal washing results
- Shorter makeready times through faster washing agent changeover
- Higher productivity
- No washing agent loss when changing
- Greater operating comfort
- Production flexibility
- Expanded range of applications in mixed operation

Basic performance

Separate supply and disposal lines and separate pumping systems are provided for each washing agent

Remarks

Upgradability depends on the series of the press. Therefore this must be checked in each case



One spray pipe provides water. Two more spray pipes can be used for example to supply one conventional and one UV washing agent