

# SPEEDCLEAN

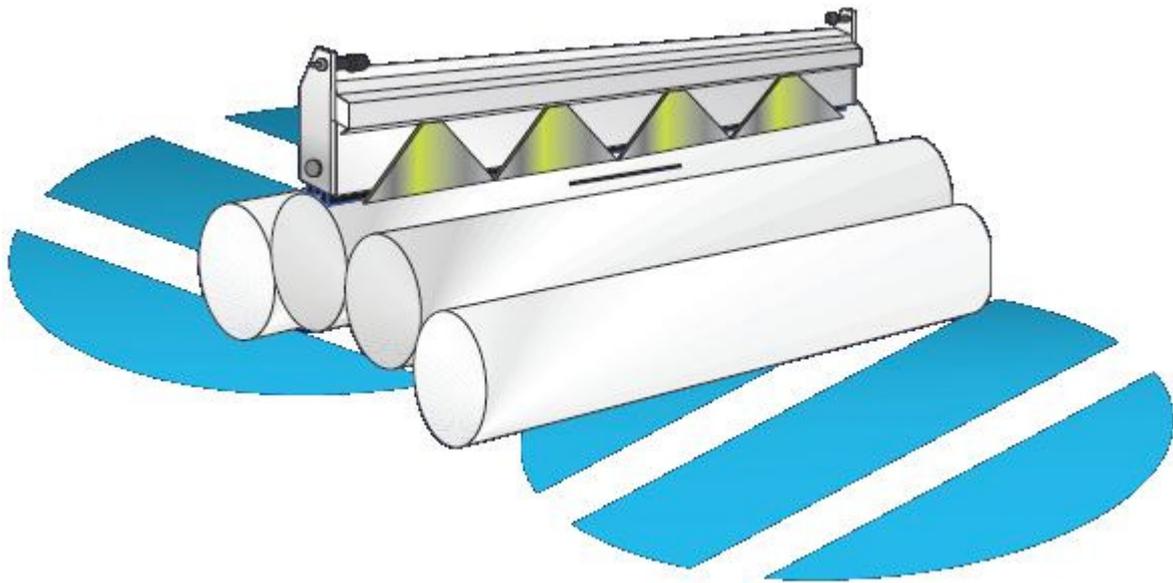
Speed Clean operates using a programmable combination of spray wash and dual oscillating brushes, which delivers the most efficient, lowest cost blanket cleaning available. The paper is used for residue removal, which eliminates the creation or disposal of any hazardous waste!

All functions of the spray and brushes may be programmed with easy to use PLC controls from a 10" Touch Screen monitor. Press signal interfacing provides for simple wash type selection and speed control lock out. Multiple programs may be stored and user screens customized for any press configuration.

Speed Clean units require very little maintenance and are easy to remove from the press, due to quick disconnect fittings and custom mounting brackets. Units are manufactured from heavy duty stainless steel and chemically inert materials.

Speed Clean may be configured for efficient operation on any single or double width press.





### Advantages Of Washing With SpeedClean

The blankets will be cleaner than when washed by hand. When the blankets are cleaned using SpeedClean normally the blankets will be cleaned more frequently than by hand, the blankets will therefore be better maintained, have a longer lifetime with reduced cost. Starting the press more often with clean blankets will also increase the printing quality and reduce the risk of web brake and other associated problems during the run.

### Paper Consumption

The paper needed to get the press completely cleaned is very low, The calculated speed of the press during the cleaning cycle is 3000 rph, which in a single-circumferential press gives 0,83 signatures per second. With a total cleaning time of 45 seconds the paper waste is less than 40 signatures. For a double-circumferential press cleaned at the same speed of 3000 rph, which gives 1,66 signatures per second the paper waste is less than 80 signatures. The savings gained from using paper in the cleaning process must be compared against the labour, time and cost lost when washing by hand.

### Washing Function

The cleaning cycle is preset in the PLC control, which determines the consumption of washing solvent, water and how many times the brushes will lower on to the blankets. The process is that the washing solvent will be sprayed on and the brushes will drop onto the blankets. The brushes will oscillate thus cleaning the ink and paper dust from the blankets. The paper web will then remove the residual ink and paper dust from the blankets. The system has different solutions for clearing the paper dust. One is adding water from the spray dampening system, together with the washing solvent from the blanket cleaner, which in turn can also be used to wash the ink and dampening rollers.

- *SpeedClean also cleans the lead rollers at the same time when the blankets have been cleaned, resulting in reduced set-off of ink from the lead rollers.*
- *SpeedClean improves the environment, because, a blanket cleaner uses less solvent compared to washing by hand.*
- *SpeedClean is an investment with a very short pay back time and gives you the possibility to reduce operating costs and really EARN MONEY from your investment.*

