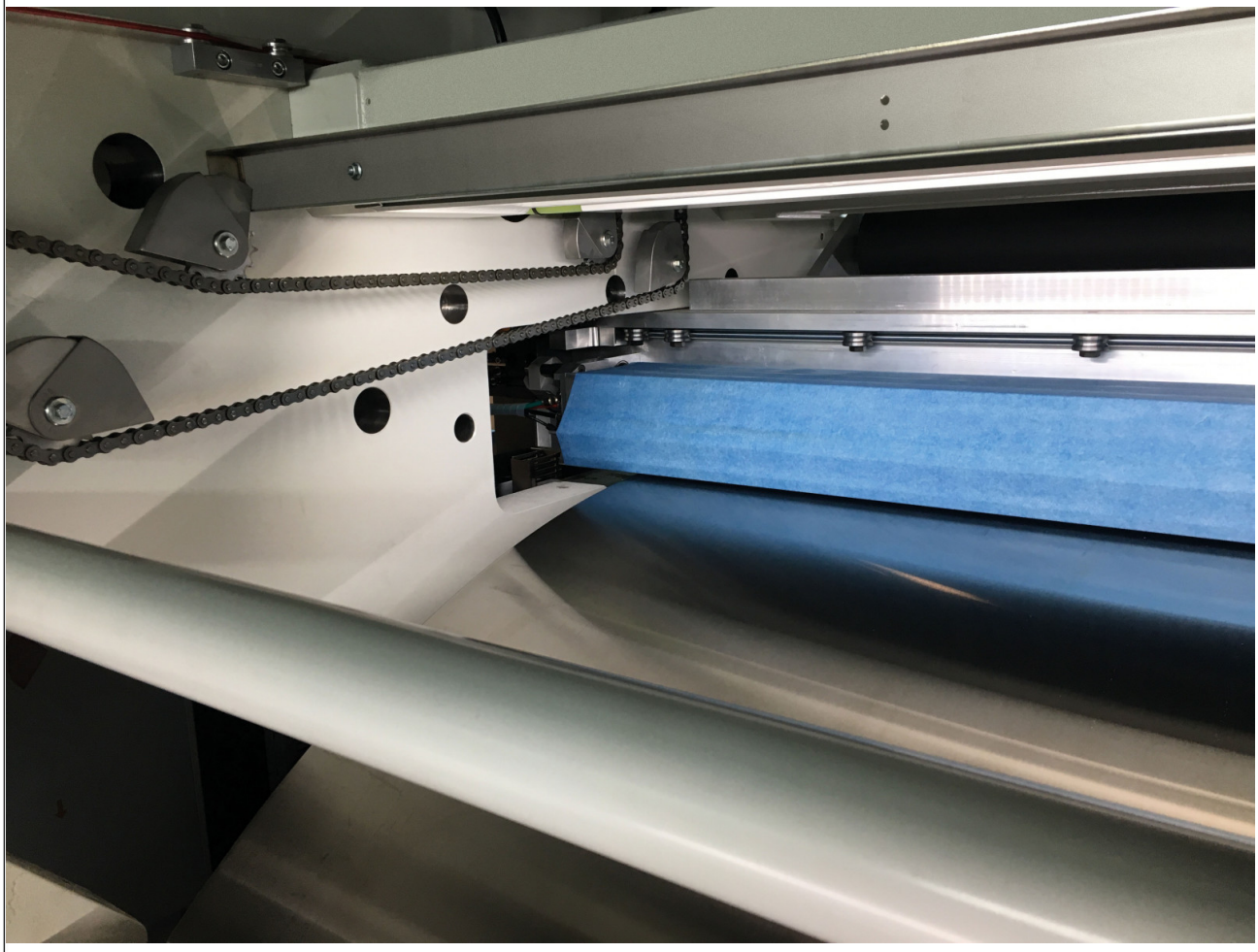
Evolution System

Automatic system for flexo central impression drum cleaning



ATEX certified

customizable control

EC Norm compliant

high longevity

mechanical resistance

patented product

Evolution System is the innovative, patented, oscillating system using controlled-soakedcloth technology to remove the ink residues from the flexo central impression drum.Fast automatic washing cycles for daily use guarantee safety, flexibility and constant printing quality. The intuitive operator interface of the control panel enables the proper selection of the cleaning programs (short – medium – long) depending on the ink residue to be removed. Evolution System increases the productivity of the machine by eliminating press downtime for manual cleaning and guarantees greater flexibility in the production planning virtually reducing working width range constraints. Suitable for cleaning both water and solvent based inks residuals, it is now available the double tank configuration for clean and quick detergent switch (optional). System's certifications ATEX - EC - UL/CSA (upon reques).

Consumables

- Pre-winded cloth roller: supplier - Rossini
- Detergent: the customer purchases from the market according Rossini approved solvent list

structure

System components

- Washing head with side plates for press assembly
- Touch-Panel/PLC for operator interface
- Containment and detergent pumping unit
- Electrical-pneumatic control unit
- Set of cables and tubes for the connection between the different componentes

specifications

Max drum width	2.150 [mm] // 84.645"
Standard washing times	Short Wash: approx. 3 [min] - Medium Wash: approx. 6 [min] – Long wash: approx. 9 [min]
Cloth use	Short Wash: 100-300 [mm] - Medium Wash: 300-600 [mm] - Long Wash: 600-900 [mm]
Solvent use	Short Wash: 150 [ml] - Medium Wash: 275 [ml] - Long Wash: 350 [ml]
Data outlined relating to Evolution System -	Print on plastic film with solvent based inks - Drum width 1270 [mm] - The values should be considered approximate and depend on individual installation, inks used and other parameters of the printing press

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