

Fact Sheet

CLEANFlex Fully Automatic Washing Machine For Printing Stereos

Cleanflex - Fully automatic flexo-washingmachine

CleanFlex is a fully automatic flexo-washingmachine that ensures that flexo clichés are thoroughly cleaned with a minimum consumption of water and energy.

CleanFlex is designed on tried and tested principles which, thanks to new technology, have been combined in one piece of equipment. Five rows of brushes move gently forwards and backwards using pre-heated water and soap. This action ensures that the clichés are not subject to any wear and tear while passing through the machine. As soon as the clichés enter the machine, they are softened with a gently prewash on both sides. This removes most of the ink. Next the clichés pass through three more rows of brushes which remove the last traces of ink. Finally, they are dried on both sides and emerge from the machine with no drips and ready for immediate reuse or storage.

The Enviroment

From the very start, the concept behind CleanFlex has been to create an environment-friendly machine without compromising on efficiency. This has been achieved with this machine, partly due to low water consumption compared to other similar equipment.

The washer includes a 150-litre water tank which allows the water to be recirculated and reused for as long as the user thinks suitable.

Throughout the wash, soap and water are very sparingly pumped out over the brushes. So this system has nothing in common with noisy and energy-hungry high pressure cleaning.

Automation

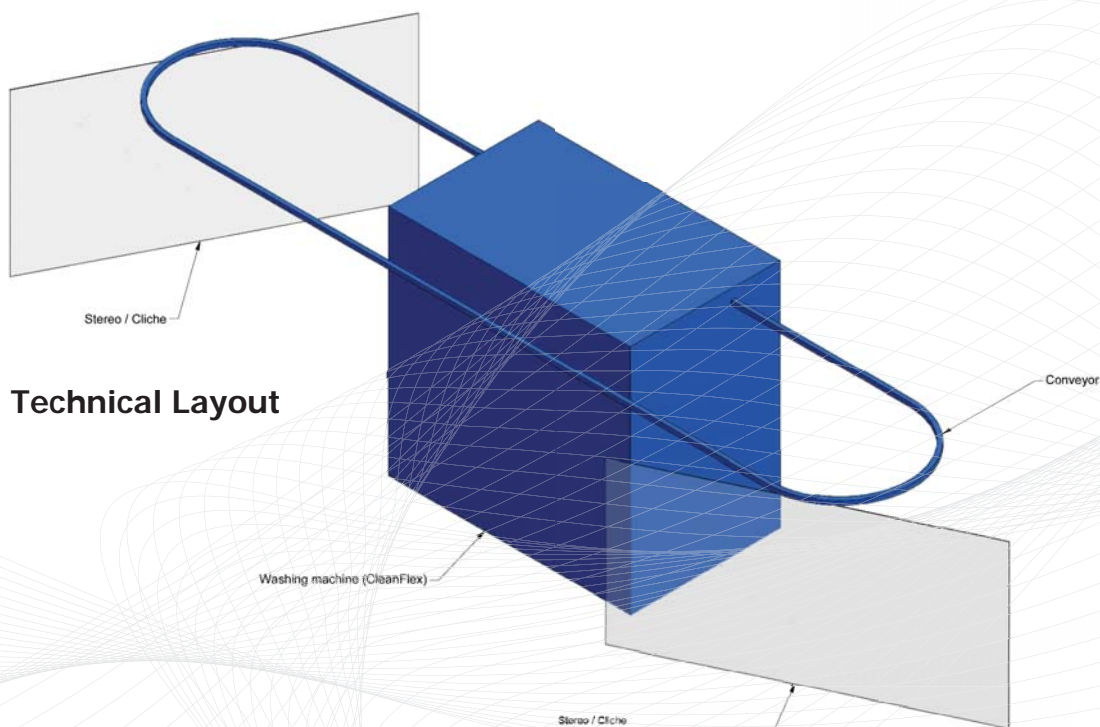
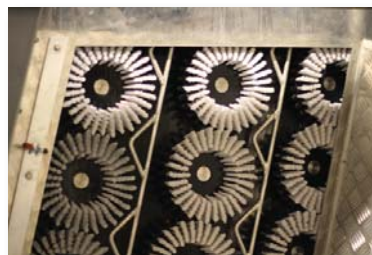
The biggest advantage of CleanFlex is that it meets today's requirements for automation. This is in part because the equipment is controlled by a Siemens plc-unit.

A revolvable display is attached, allowing the operator simple control of the following: Water temperature, Automatic change of water, Speed of throughput, Adjustment of amounts of soap and antifoam, Programs for different types of cliché/ halftone blocks/different inks etc.



Technical Data

- Power supply: 400 v 3ph + N + E, consumption 10,5 kW
- Water supply: Ordinary Mains water supply
- Outlet: connected to the existing drainage system
- Watertank: 150 L
- Pumpcapacity: 1,200 L/min.
- Principal dimensions: l-242 cm / w-150 cm / h-240 cm
- Weight: around 1,350 kg
- Transport length (standard): 8,5 m.
- Cliché size (standard): 1,8 x 3 m
- Noise level: < 80 dB



Technical Layout

