



Parts Washers - FrontLoad

The PK FrontLoad is a very user-friendly parts washer, where the press parts are easily slid into the unit from the front.

The fully automatic washing units are designed for easy handling of press parts. It is possible to wash doctor blade chambers, ink trays, ink sumps and other removable press parts used with all types of inks, varnishes etc. The units can be equipped with a trolley, which makes the handling even easier.

The quick and easy wash operation allows press operators to focus on press make-ready functions and thus reducing the changeover time and the labour involved in washing.

The Front Load units are always built with customized wash area according to each customer's specific needs.

Flexo Wash parts washers can be built to clean with solvents, alkaline liquids, ecofriendly liquids and distillable eco-friendly liquids.

- Safe and Easy Washing
- Short Washing Time
- Made for All Ink Types
- Recirculation of Cleaning Liquid
- All Stainless Steel
- Easy Loading/Unloading
- Minimal Maintenance

Three Types – Standard, ATEX or ATEX Electrical:

- The standard unit is PLC-controlled and recommended when non-flammable and environmentally-friendly cleaning liquids are used in the machine.
- The ATEX units are ex-proof according to ATEX guidelines and required when solvent is used for washing the press parts in the machine. These units are made with pneumatic control system.
- The electrical ATEX units are ex-proof according to ATEX guidelines and required when solvent is used for washing the press parts in the machine. These units are made with a PLC control system and with electrical pumps.

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PK 350 WR FrontLoad ATEX Electric

"There is no doubt that cleaner parts make presses more productive, and with turnarounds continuing to shorten, we cannot afford to waste time and substrate resolving streaks and other defects caused by dirty parts. Considering how much we have invested in the two new presses, and the value of the work we process, the Flexo Wash technology has been good value and shown a fast return on investment."



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Two Stage Closed Wash Cycle:

The Wash & Rinse Series offers an automatic two stage cleaning process with separate tanks for wash and rinse:

- Wash liquid is sprayed over the press parts at high pressure. After wash the liquid is drained back to the tank through filters for re-use.
- The parts are rinsed with liquid/water. This can run back to the tank and then be re-used.

Customized Wash Areas:

All units are customized according to customer specifications. This includes special racks and different types of high performance nozzles that are optimised for the specific application.

The machine is designed to the specific press parts, which makes it easy for the operator to slide the parts into the machine. The nozzles will quickly and efficiently wash all the press parts.

The Different Wash Area Layouts are:

- *Tray Rail:* For trays placed in upright position. With side spray for optimised liquid flow over the parts.

- *2-Story:* For various parts. Gives double wash area.
- *Sliding Grid:* For pans and smaller parts. The depth of the machine is used in the best possible way.
- *Grid:* The most flexible solution for larger parts such as ink trays and chambers.
- *Trolley with Slide-in Grid:* The parts can be loaded on the trolley at the press; driven to the Parts Washer and the grid with the parts on can easily be slid into the cleaning unit. After finished cleaning process the grid with the parts can be removed from the unit and the parts can be driven back to the press on the trolley. In this way the operator only needs to handle the parts once.
- *Rotating Nozzles:* For targeted cleaning of ink buckets.

Options and Accessories:

- Distillation systems and complete piping between Parts Washer, tanks and distiller.
- Transport trolley for press parts.
- Hose cleaning.
- Basket for small parts.
- Automatic liquid filling system.
- Waste water treatment unit.

Parts Washer Model	PK 250 FrontLoad	PK 300 FrontLoad	PK 350 FrontLoad
Net Wash Area LxWxH	2000 x 1800 x 700 mm (79" x 71" x 28")	2500 x 1800 x 700 mm (98" x 71" x 28")	3000 x 1800 x 700 mm (118" x 71" x 28")
Machine Dim. LxWxH*	3100 x 2300 x 2800 mm (122" x 91" x 110")	3650 x 2300 x 2800 mm (143" x 91" x 110")	4100 x 2300 x 2800 mm (161" x 91" x 110")
Power Supply	3x400V+N+PE, 50 Hz (3x480V+N+PE, 60 Hz)	3x400V+N+PE, 50 Hz (3x480V+N+PE, 60 Hz)	3x400V+N+PE, 50 Hz (3x480V+N+PE, 60 Hz)
Compressed Air	6 bar, 250-1500 L/min (85 PSI, 9-53 CFM)	6 bar, 250-1500 L/min (85 PSI, 9-53 CFM)	6 bar, 250-1500 L/min (85 PSI, 9-53 CFM)

* Height: With lid open
- Larger units available on request

