

Polymount International BV

Polymount International BV was founded in December 2002. The company philosophy is to develop products that enable flexo printers to save money on their consumables, become more efficient and optimize print quality.

Polymount manufactures two main products, one of which is the market leading Plate Cleaner. The other unique product we produce and sell is the Twinlock sleeve. Twinlock is a self adhesive printing sleeve that allows flexo printers to mount plates without using tape. (find more info at www.polymount-int.com)

Polymount has several offices, production sites and exclusive distributors outside Holland. Every Polymount facility is managed by a company share holder, making them very committed to providing our customers with the best possible service.



Global market leader

Since 2004 several hundred Polymount Plate Cleaners have been installed for flexo printers.

Polymount were the first to bring a perfect solution to efficient automated plate cleaning and drying. The Polymount Plate Cleaner is a high quality industrial product that is built using the most robust components available. The machine is practically maintenance free and has evolved into a very user friendly machine with minimum handling. We offer a range of four machines, starting from 600 mm (24") wide, up to 1200 mm (48") wide. Cleaning plates with our machines will save you considerable amounts of money on your consumables. The starting prices of these machines are very attractive and your Return On Investment is only a matter of months.



Global market leader

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Your Distributor



Polymount Plate Cleaner

Washing, Drying and Storing in 10 min.



Save plates



Quick cleaning



Eco-friendly



Automated Plate Cleaning

How much is your annual bill for printing plates?



No need to say more

Don't you want to make sure that your expensive plates are treated well after printing. Many printing plates are still washed by hand, which has the potential to cause damage and just doesn't clean them satisfactorily. In 2004 Polymount introduced a line of affordable plate cleaners and immediately became the global market leader. Our machines clean and dry your plates perfectly, leaving them with no residue and ready to store. Hundreds of machines have been installed in over 50 countries, washing plates every day, saving the flexo business a lot of money.

Printing plates are considered to be the number two consumable in the flexo industry. When you can optimize the re-use and lifespan of your plates you will save a lot on consumable costs and be eco-friendly at the same time.

In around seven minutes your plates are cleaned and dried automatically. The cost per M2 to clean plates is only € 0.50 (or € 0.05 per square foot). No manual cleaning can equal the economics of this. This cost is based on the usage of the cleaning liquid, (5cl per M2, or 2fl oz per 12 sq.ft) . Automated plate cleaning is not just good for your profitability, it is also good for the environment and for the people having to clean the plates. It is also a sustainable, economical and very efficient solution to optimize the re-use of plates.

The efficiency

In just seven minutes....

By using the Twinlock sticky plate, printing plates are securely fastened during the wash cycle.

The sticky plate is a long lasting part of the machine, that only needs replacing when physically damaged.

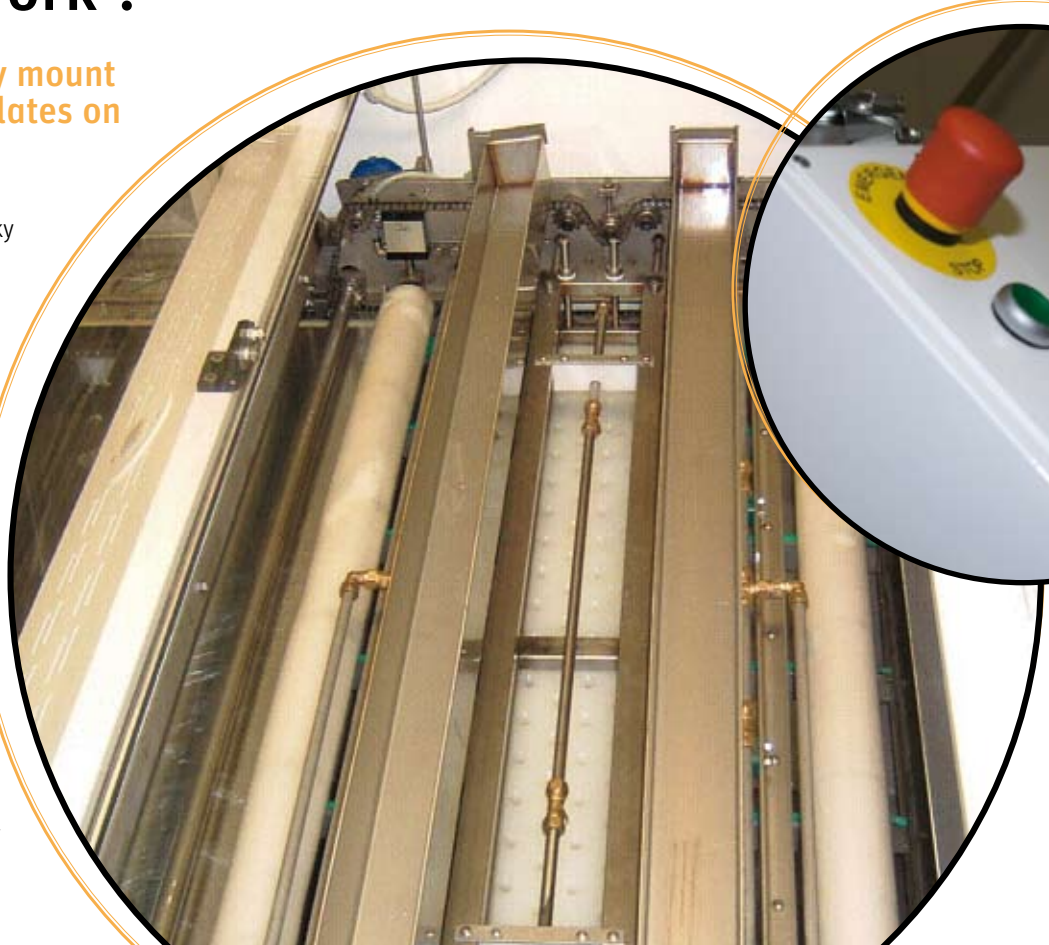
The sticky plate stays in the machine and is transported in both directions. The cleaning liquid does not wear out and will continue to wash until you have to re-fill the tank. There is no need for any water or waste connection. All you do is re-fill the reservoir. Once a year Polymount can offer a maintenance service. In just seven minutes your plates can be perfectly clean and dry without being damaged. With the Polymount Plate Cleaner it is possible to clean six to eight times as many plates compared to cleaning them by hand.



How does it work ?

After printing you simply mount multiple dirty printing plates on the sticky plate.

The transportation system pulls the sticky plate into the wash section. The sticky plate first passes through a flushing section where Polywash detergent is sprayed onto the printing plates. The detergent then begins to dissolve the ink on the printing plate. The next section comprises a very soft, fine haired brush which cleans the plate. Then a sponge roll starts to dry the plates and the in-line drying section finishes the process with hot air. The sticky plate will emerge from the machine with perfectly clean, undamaged and dry printing plates. The Polymount Plate Cleaner is economical, efficient and very environmentally friendly.



People and the environment

Washing plates by hand has always been a time consuming job.

The Polymount Plate Cleaner is a fully automated cleaner that will also dry the plates so that they are ready to store immediately after washing. The quantity of Polywash liquids used by the machine is roughly five times less when compared to manual washing. The machine is constantly re-using the liquid, while the cleaning agent slowly evaporates, making the plate cleaner very friendly to the environment. Each 25 litre can (6.6 gallon) washes more than 500 M2

(5500sq ft) of printing plates. Not only is this machine kind to the environment it is also very user friendly.

First of all, the liquid and the plates are fully enclosed inside the machine. Secondly, as the plates come out dry, there is no physical contact between people and the cleaning liquid. All the operator has to do is mount plates on the sticky plate and press the start button.

Health and safety departments all over the world have embraced the eco-friendliness of the machine.