



...where technology finds the right way...



EVOLUTION
by ELEMA *clean*

“demand the best for your digital printing machine”



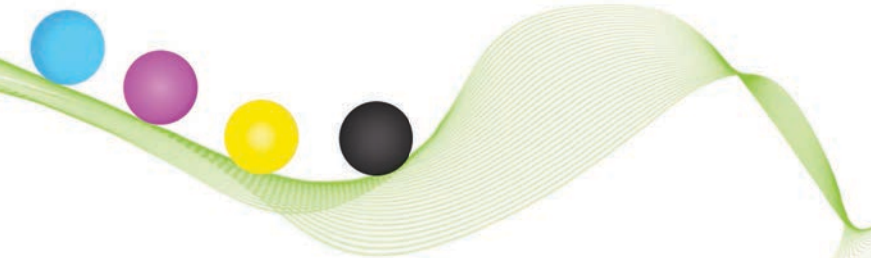
- efficiency
- savings
- durability
- compatibility

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“automatic printhead cleaning machine”



COMPATIBLE AND UNIVERSAL

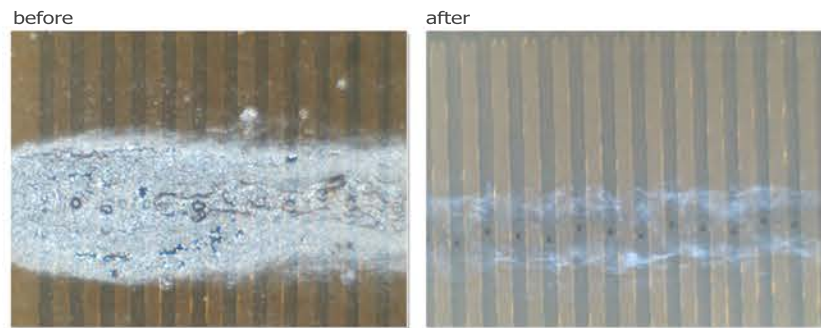
Without doubt, one of the advantages of **Evolution Clean** is the possibility of processing different makes and types of industrial print heads. Some examples are Xaar, Spectra and Dimatix.

Their compatibility is guaranteed by the technology used in the cleaning process: by simply purchasing a **specific mounting kit**, it is possible to make **Evolution Clean compatible** with the heads used on your digital printing machine.

It is ideal for assistance services and service centres that offer print head cleaning services, as well as for **end users** who use **more than one type of digital printing machine** at their facilities.

RESULTS "ON TOP"

Evolution Clean's Technology lets get excelent results in different uses. Here's an example:



In different tests, through **optimised and customized cleaning cycles** (with duration greather than standard cycles) obstructed heads and unused for **more than 4 months** have been restored and come back to a condition of efficiency to be reused.

COMPACT CLEANING SYSTEM

Due to its small size, **Evolution Clean** combines unique design, ease of transport and of positioning. It is remarkably simple to use without sacrificing the strength guaranteed by a painted iron and stainless steel frame.

CONTROL AND CONVENIENCE

The practical **touch display** positioned on the top provides a wide and complete view of the options selected and verifies, in real-time, the actions produced by them.

CAVITATION? YES, PLEASE!

By using ultrasonic generators, **Evolution Clean** allows **cleaning cycles** to be **customized** through the integration of external cavitation cleaning and alternating it with the heating system of one of the cleaning tanks.



Thanks to a partial recirculation circuit of cleaning liquid, you are able to get a savings for cleaning: with approximately 10LT of cleaner you can clean up to 15 heads. (calculation variable according to the cycle used).



Cycle 1
17 min

Cycle 2
65 min

Cycle 3
105 min

Cycle 4
167 min



"EVOLUTION CLEAN AND THE ENVIRONMENT"

Every innovation developed by **Elema** is carried out with the utmost attention to environmental impact. These special features of **Evolution Clean** provide the user with a series of advantages:

"printhead life extension"

The continuous and correct use of the machine reduces the frequency at which printheads need to be replaced and results, amongst other things, in cost savings.

"economical"

When the machine is in operation, its energy consumption is less than that of a personal computer and automated cleaning cycles mean that operating times are optimized.

"waste reduction"

The innovative partial recycling system for the cleaning fluid allows savings to be made on the fluids.

TESTED WITH:



NOW TESTING:



EVOLUTION
by ELEMA
clean