



FASTRIP FP

Filter-press - paint stripping filtration system

FASTRIP FP - PAINT STRIPPING FILTRATION

Life cycle of a paint stripping bath

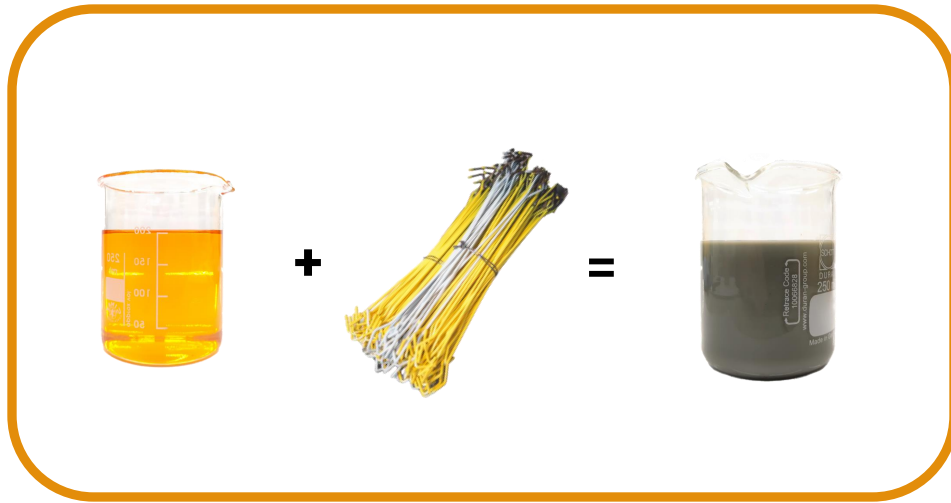


- ✓ During a cycle, paint is removed from workpieces and progressively accumulated in the paint stripping bath.
- ✓ The higher the amount of paint sludge dissolved in the bath, the greater the problems, because it translates into longer cycle times and more expensive processes.



FASTRIP FP - PAINT STRIPPING FILTRATION

Life cycle of a paint stripping bath



The higher the amount of paint sludge dissolved in the bath, the greater the problems

- ✓ Higher volumes of sludge also mean that the liquid is more viscous: this can pose a risk of tank heating and liquid dragging, which again translates into greater costs.
- ✓ An increased amount of paint sludge can also generate a crust that may clog the hydraulic circuit, pumps, and pipes, thus calling for higher maintenance costs.



FASTRIP FP - PAINT STRIPPING FILTRATION

Life cycle of a paint stripping bath



Unfiltered
paint stripper

Filtration process



*An efficient filtration
process ensures:*

- *Fastest process*
- *Less consumption*
- *Less plant maintenance*
- ***Costs effectiveness***



Filtered
paint stripper



FASTRIP FP - PAINT STRIPPING FILTRATION

Life cycle of a paint stripping bath

- ✓ It is therefore clear that the regular and efficient filtration of a paint stripping bath is crucial for cost effectiveness.



HOW TO REMOVE THE PAINT SLUDGE FROM THE STRIPPING BATH ???



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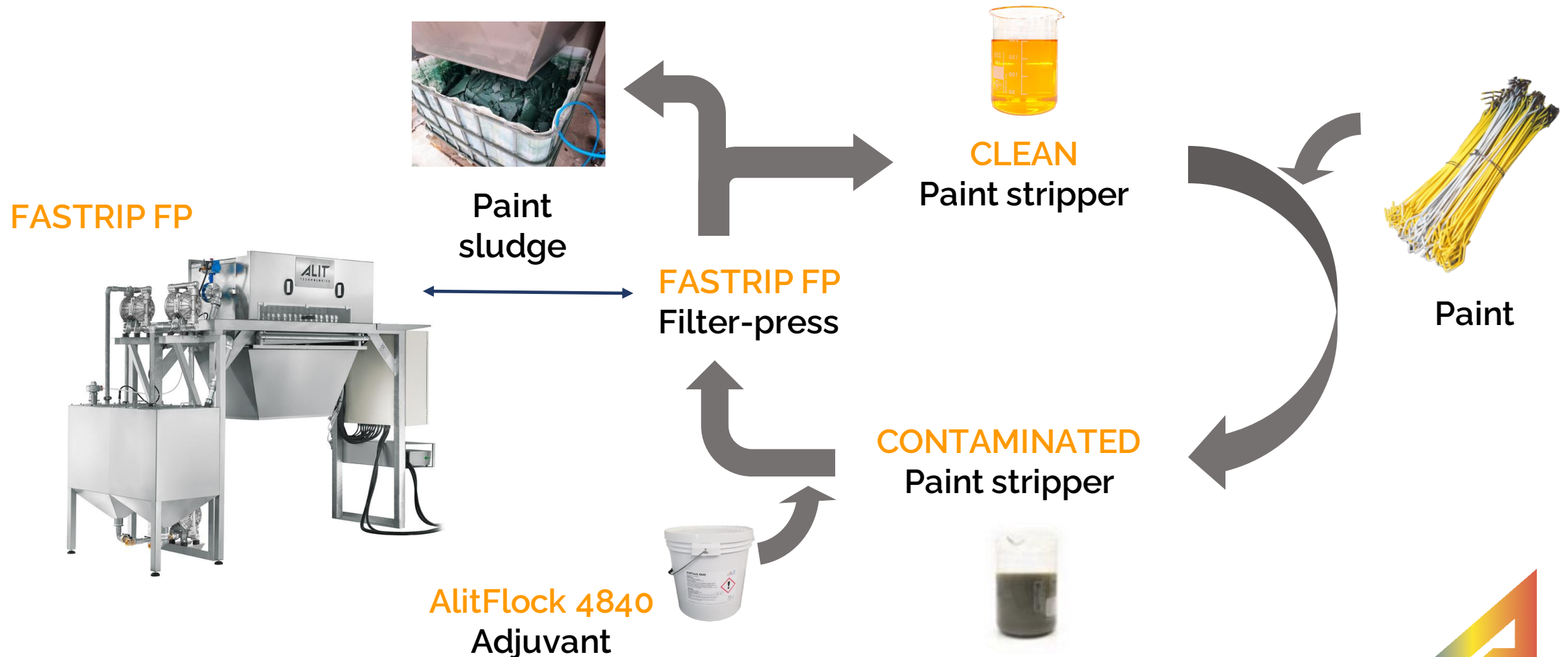
Life cycle of a paint stripping bath

THE ANSWERS IS FASTRIP FP!



FASTRIP FP - PAINT STRIPPING FILTRATION

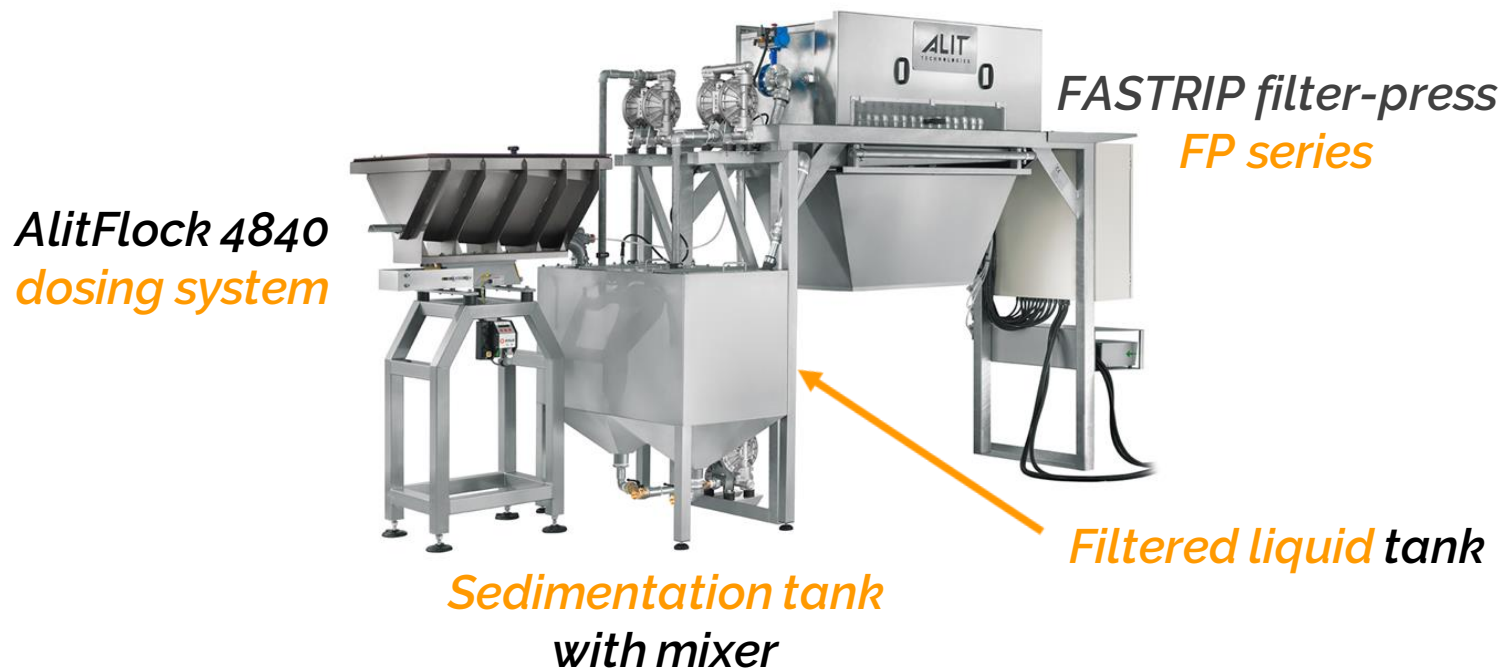
ALIT Technologies' FASTRIP FP filtration systems are the perfect response to this need.



FASTRIP FP - PAINT STRIPPING FILTRATION

ALIT Technologies supplies complete systems for the filtration of paint strippers on both a small and large scale. All these plants can be configured according to individual requirements with the following components:

SMALL SCALE AUTOMATIC PLANT:



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LARGE SCALE AUTOMATIC PLANT:



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ALIT Technologies supplies paint stripping filtration equipment according the specific customer needs:



FP 400-17P

Automatic Hydraulic Filter press

N° filter plate	17
Total chamber volume	33 liter
Panel thickness	25mm

FP 630-12P

Automatic Hydraulic Filter press

N° filter plate	12
Total chamber volume	62 liter
Panel thickness	25mm

Bigger filter presses

Automatic Hydraulic Filter press

N° filter plate	Up to 55
Total chamber volume	Up to 300 liter
Panel thickness	25mm



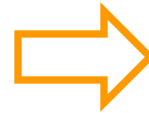
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ALIT Technologies supplies paint stripping filtration equipment according the specific customer needs:



Sludge collection tank

conical bottom stainless-steel tanks with different volumes, used for collecting and mixing the contaminated paint strippers.



AISI 304 tank

Volume	Up to 1500 liter
Level sensor	Ultrasonic or laser
Installed pump	Pneumatic
Mixer (optional)	Pneumatic



Filtered solution collection tank:

conical bottom stainless-steel tanks with different volumes, used to collect and recirculate the freshly filtered liquid.



AISI 304 tank

volume	Up to 1500 liter
Level sensor	Ultrasonic or laser
Installed pump	Pneumatic



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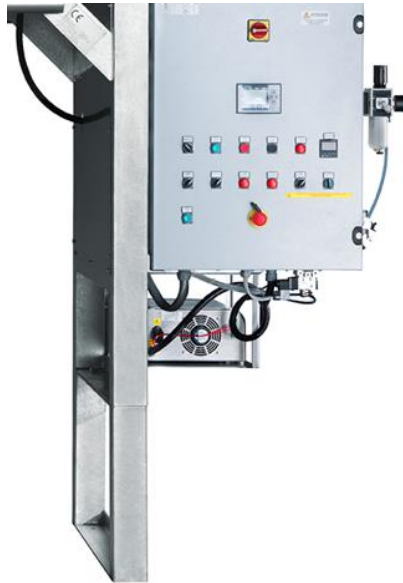


AlitFlock dosing unit: stainless steel hoppers with a vibratory channel that allow timed dosing of the flocculant into the sludge collection tank. They allow adjusting dosage and are equipped with a minimum level sensor.



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FASTRIP FP electrical control and management panel: freely configurable electrical panels that allow managing the entire FASTRIP FP filtration process in a simple, user-friendly way. They can be electromechanical or touch screen panels and they are remotely accessible and Industry 4.0-ready.



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The FASTRIP FP paint stripping filtration components can be supplied from scratch or adapted to already existing paint stripping equipment:



ALIT Technologies strives to guarantee truly efficient processes by using its proven expertise to always provide the best plant engineering option based on each individual requirement.



FASTRIP FP - PAINT STRIPPING FILTRATION

ALIT Technologies can provide technical support to:

*Introduce in the customer's paint stripping line an
efficient paint stripping filtration system*

Upgrade the current customer's filtration unit

Conduct laboratory tests







Thanks for your attention!