

TREATMENT STATION

EASYPURE is a compact & stand alone effluent treatment system for volume from **0,1 to 20 m³** per day. EASYPURE works by batches. it's modular design adapts to all types of liquids wether they are released or recycled.

EASYPURE works on applications for the treatment of :

- Mechanical workshop effluent
- Surface treatment workshop effluent
- Swarf dripping recycling



EASYPURE application examples



Washing machine rinsing waters treatment

Objective : costs reduction of the disposal and destruction of effluents

Constraints	EASYPURE	Résultats
Daily effluent volume 0,5 m ³ /day	Treatment Coagulation, floculation and agitation	Quality Improves the process quality through the removal of pollutants
Elimination Daily removal	Filtration Activated carbon	Return on investment Typically in less than a year, by eliminating effluent disposal and destruction costs
Treated liquid composition Rinsing water with dilluted detergent, particles, oil	Finish Liquid sent in a closed circle before being released	



Recycling of a machine tool cutting oil (emulsion) and swarf drippings

Objective : recycling, lowered disposal costs

Contraintes	EASYPURE	Résultats
Daily effluent volume 0,5 m ³ /day	Treatment Oil removal, filtration, UV	Conformity Oil meets the requirement to be re-used in the machine
Elimination Storage and disposal before destruction	Filtration FIL-TECH cartridge, pre-filtration BAG-TECH, microfibres load OIL-TECH, NANOREACTOR	Savings Saving on Oil and destruction costs.
Treated liquid composition Cutting emulsion, particules, oils, greasing oils	Finish Storage tank installed after the EASYPURE to re-use the liquids	

Quick return on investment

Cost reduction of effluent disposal

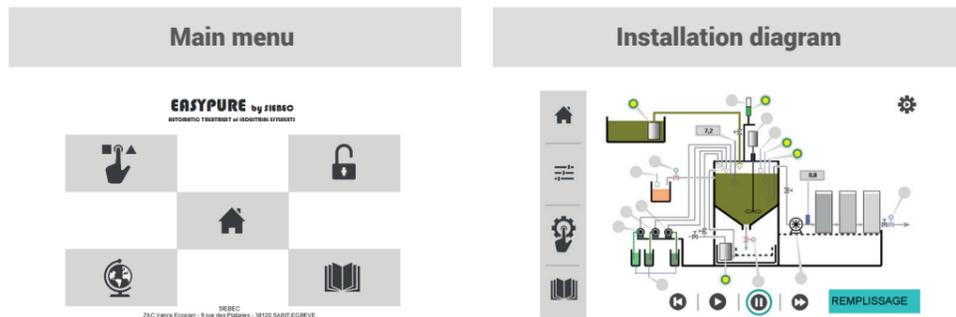
Automatic or semi-automatic system

Low floor space



1 SETTINGS

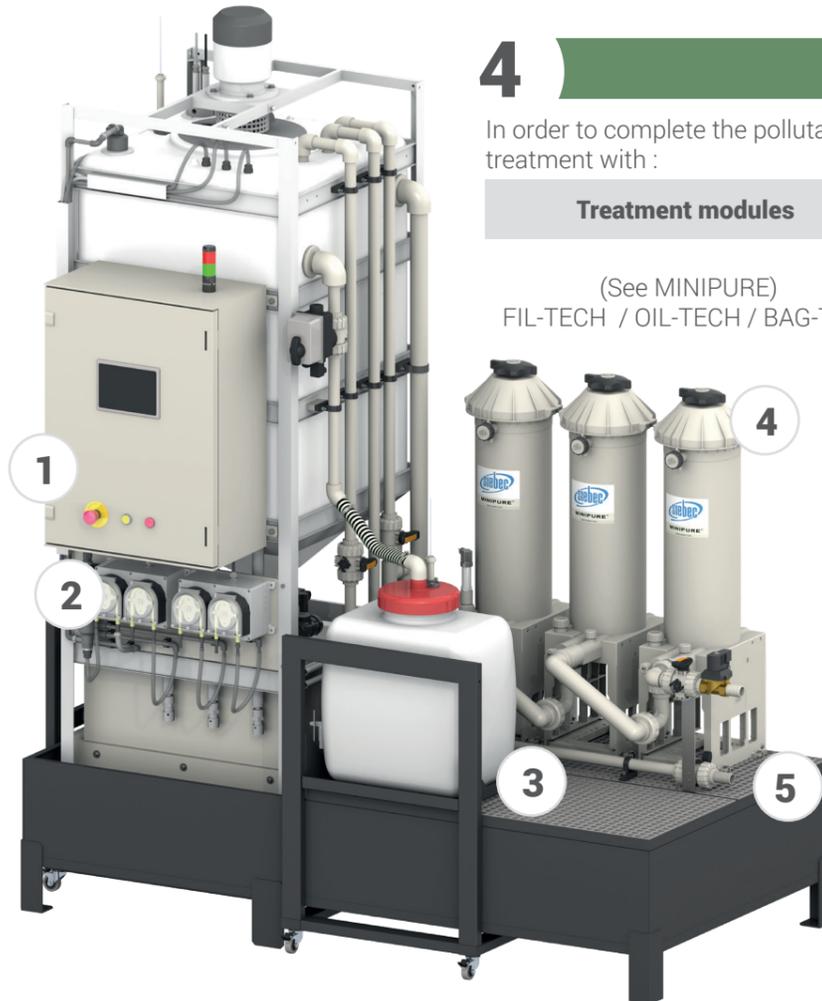
Easy-Pure is programmed for the treatment of a precise type of pollutants, depending on your needs. The start of the treatment is done with the control touch screen.



2 BATCH TREATMENT

Once the liquid has been put in the tank, a system of dosing pumps starts injecting a specific treatment depending on the application:

pH reading	pH dosage	Treatment product injection
		Coagulation - flocculation - acid - alkaline



3 EASYPURE RECUPERATION MODULES

Pollutants can be recovered through different modules :

Oil recovery	Sludge / dirt recovery	BIG BAG - Sludge / dirt recovery
		For large quantities

4 FINAL FILTRATION

In order to complete the pollutant pre-treatment, a MINIPURE is installed in serie, enabling its treatment with :

Treatment modules	Carbon or resin	High UV radiation - Nanoreactor
(See MINIPURE) FIL-TECH / OIL-TECH / BAG-TECH	(See MINIPURE) CARBO-TECH / RESINE-TECH	(See NANOREACTOR)

5 OPTION : ADDITIONAL TREATMENT

In order to re-use the treated liquid or to release it, EASYPURE can be couple with new product injection system of batch treatment systems :

