

CASE STUDY | SCREW WASHING PRESS

Wastewater Treatment Plant: Le Canet en Roussillon, FRANCE

ISSUES

A piston compactor received waste coming from two coarse screens. During the screenings discharge into the compactor, a vault effect caused a clogging in the hopper.

"Our operators were emptying the hopper every two days !"



WWTP Le Canet en Roussillon



BEFORE: Piston compactor

Waste discharge on the piston



Vault effect inside the hopper



Equipment shutdown



Specific waste discharge piping outlet

- ➔ Length 5 meters
- ➔ Two 90° turns
- ➔ Diameter variation



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SOLUTION

A customized EQUIP PRESS screw compactor suitable for the upstream conveyor and the existing piping.

- Screw compactor
- Waste discharge on the spiral
- Custom hopper
- Spiral diameter ø200 (8")



AFTER: Screw compactor **EQUIP PRESS 200**

"An effective solution 2 times cheaper than our main suppliers"

Cédric Margail
Maintenance Manager SAUR

OPTIONS

- Spray bar
- Washing zone
- Shafted screw



VIDEO



In operation

<https://www.youtube.com/watch?v=RhuGqfD8zco>