

FISH PROCESSING PLANT

Compact and small dewatering solution for limited space, which handles fatty DAF sludge!

Problem

A small herring fish processing plant was pushed to have their own wastewater pre-treatment step before discharging it to a municipal waste water treatment plant (WWTP). DAF treatment was chosen in this particular case. In parallel with whole wastewater treatment system, designers and contractors had an issue with selecting the right sludge dewatering machine, which could handle a very fatty DAF sludge and have small footprint due to limited space at the plant.

Solution

Contractor decided to choose Dewatering Press ES-101 model not only because of small dimensions of this unit, which did fit easily in very limited area, but also because of the fact that this unit handles easily fatty sludge without clogging and at the same time has very low operational costs. Moreover there is no concern about operator presence during operation, who can do another works in a company and check the unit only occasionally.

Conditions

UNIT	ES-101
Sludge type:	DAF Sludge
Solids Concentration:	3.5 %
Flow Rate:	0.3 m ³ /h
DS Throughput:	10.5 kg-DS/h
Cake Solids Content:	21 %
Capture Rate:	97 %
Polymer Dosage:	6-7 g/kg-DS

Dewatering Press ES-101

