

## CHICKEN PROCESSING PLANT

### Solution for oily, fatty and greasy DAF sludge!!!

#### Problem

In this chicken processing plant the cost for sludge disposal had been extremely high since they disposed sludge by tanker truck without sludge dewatering process. Because of the high sludge disposal cost, they had been looking for a sludge dewatering equipment suitable for dewatering oily, fatty and greasy sludge, but could never find a solution.

#### Solution

After long research they decided to install Dewatering Press ES-303 to handle their oily, fatty and greasy sludge. Here is the clients voice: *“We had always been concerned about clogging problems which could be caused by dewatering such oily sludge. Nevertheless, Dewatering Press ES-303 with its high resistance to oily sludge has now been operating without any clogging problems and we are very content with the installation. Furthermore, our operator now needs minimum attention to the equipment because of its fully automatic operation. Overall, the cake dry solids content is always around 29 % and we are very satisfied with the solution which Dewatering Press ES-303 to us”.*

#### Conditions

UNIT:	ES-303
Sludge Type:	DAF sludge
Solids Concentration:	4.0 %
Flow Rate:	4.8 m <sup>3</sup> /h
DS Throughput:	192 kg-DS/h
Cake Solids content:	28.5 %
Capture Rate:	90 %
Polymer Dosage:	6 g/kg-DS

#### Dewatering Press ES-303



#### Sludge Cake

