

Increased productivity through product recovery

Case Study

Project Location

Ireland

Sector

Food & Beverage

Equipment Description

RotoClone W Size 12 in stainless steel complete with straight outlet

Our client's goal was to capture and recover valuable fish particles from an animal feed industrial production facility.

The process is a continuous operation where the raw material is cooked and then ground into meal and then dried. It was discovered that a proportion of the product was being lifted from the dryer in the odorous exhaust airstream and lost in the existing seawater scrubber.

AAF were asked to supply a RotoClone W to accept gases prior to the seawater scrubber capturing valuable fish particles and allowing these to be reintroduced into feed product stream, thus minimising the loss of material and burden of the seawater scrubber.

Outcome: The RotoClone was chosen because its small size allowed it to be inserted into the circuit by mounting it in the roof structure. The flow rate through the RotoClone was adjustable by means of a variable speed controller to minimise power consumption and operational costs resulting in a short payback for the capital investment.



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