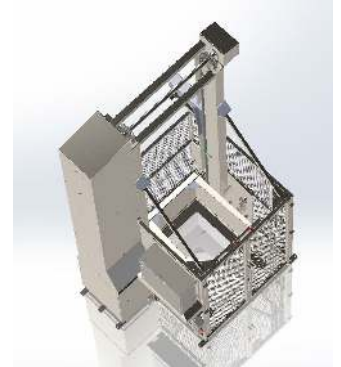
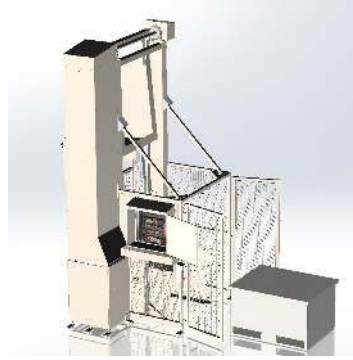


Unitech's First Large Dolav Lift and Tip

Project:

To design and manufacture a Dolav bin lifting and tipping machine suitable for operation within a salt water environment.



Unitech Engineering have delivered our first Dolav lift and tip unit to a large award winning salmon farming business in Scotland.

We were asked to design a lift and tip machine capable of lifting and tipping dolav bins with a capacity of 1.5 tonnes and suitable for use within a salt water environment.

The unit manufactured is twin column and has motors mounted at high level using two steel drive chains, one to each column. The customer required the motor to be accessible at low level for maintenance and the chains to be constructed from stainless steel due to the corrosion of the sea water environment. The chains removed the requirement to use high level access equipment to service and maintain the motor.

Due to the stainless steel chain having a reduced tensile strength, a third steel chain was introduced for the drive and retained in an enclosure to reduce its exposure to the salt water environment. The two stainless chains that were exposed had a higher resistance to the salt water environment reducing the maintenance requirement.

We're very proud to add this unit to our portfolio.



Unitech Engineering Ltd, Prospect Road, Burntwood, Staffordshire, WS7 0AL