



Biomass Silo Systems

CASE STUDY:
ARDROSS DISTILLERY,
INVERNESS, SCOTLAND.



For this project Biomass Silo Systems were chosen to supply a 120m³ capacity malt silo for an £18 million whiskey distillery development to be located 30 miles North of Inverness.

The converted nineteenth century farmhouse will be capable of producing up to 1 million litres of spirit a year when fully operational.

Following an initial site visit our engineers designed up a silo to meet the precise requirements of the site.

The silo was to contain two storage compartments with outlets to allow integration with a belt conveyor which was to be installed by another contractor.



The access ladder, mezzanine floor and protective railings allowed access to the roof of the silo for periodic cleaning and maintenance of both the silo and bucket elevator feeder.

A 12 degree apex roof was manufactured to ensure drainage of rainwater and specially manufactured inlets on the roof allowed for the seamless integration of the outlets from the bucket elevator.

Our silo assembly team built the silo on-site over the course of three weeks before handing it over to the main contractor.



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