



MCARTHUR
AGRICULTURE
GRAIN DRYING FLOORS

Designed and manufactured in partnership with

FOERS



Grain Drying Floors

Working together, McArthur Agriculture and Foers Contracts offer a unique combination of engineering and grain drying knowledge. The hardwood grain drying floor is a combination of high quality craftsmanship and understanding of the grain drying and storage process.

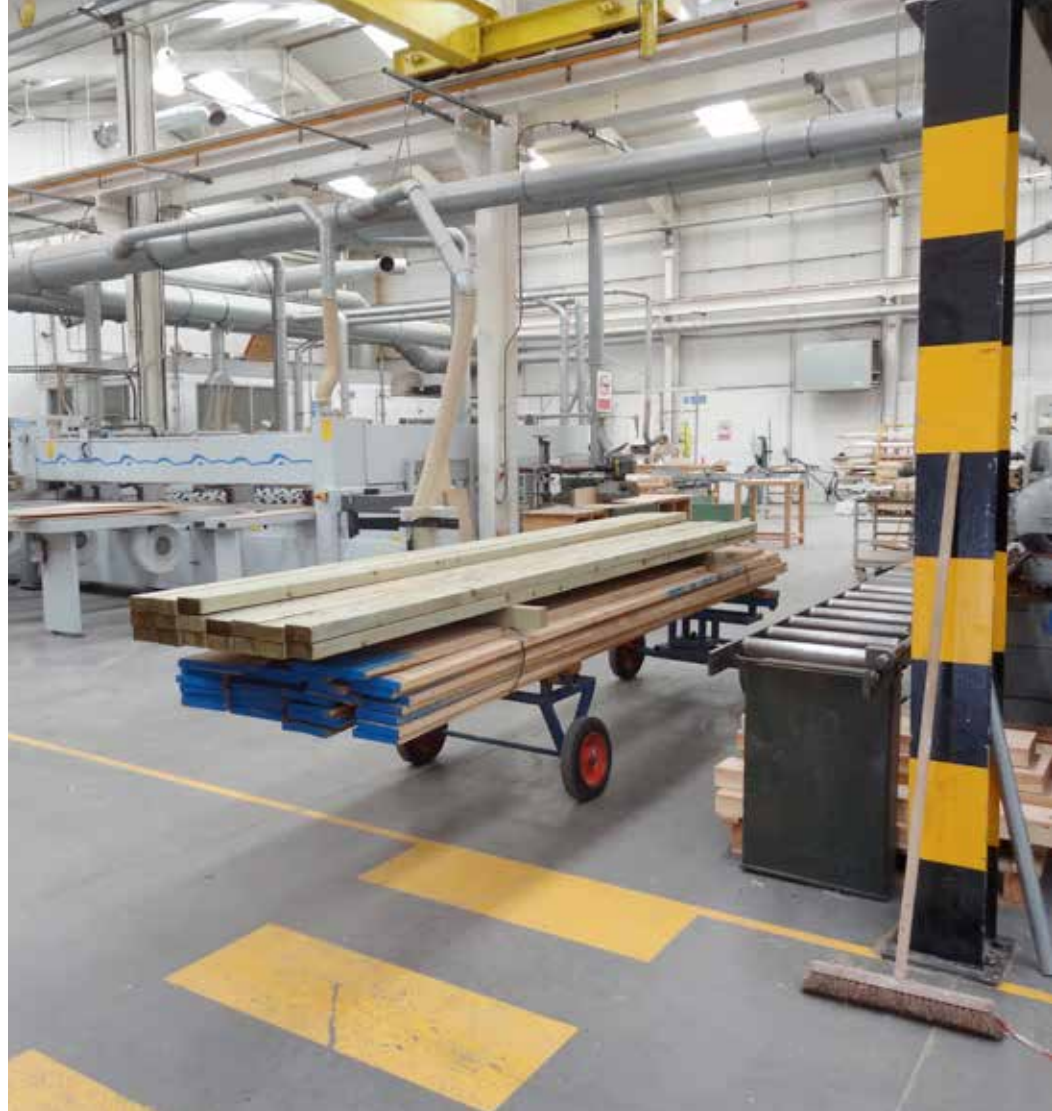




Design

The grain drying floor is designed to optimise performance and durability. The drive-over floor and main air duct are custom built to fit new or existing buildings. The heat and ventilation system is specified to deliver effective drying and conditioning for safe long-term grain storage.





Manufacture

The timber is prepared by Foers Contract's highly experienced joiners at their workshop in Catcliffe, South Yorkshire. The main air tunnel frames are pre-fabricated, the keruing top boards are machined to fit the galvanised mesh and the steel bracketry is prepared.



Installation

Foers Contracts experienced and well equipped installation teams assemble the grain drying floor. They work closely with the customer and other contractors on site to ensure a safe and on schedule completion. Prior to harvest McArthur Agriculture will complete operator training on the system.



Case Study 1

J Hollingworth & Co, 2,000 tonne grain drying floor

J Hollingworth & Co wanted to increase grain storage capacity with a drying system. The grain drying floor was installed in a building 36m x 19m and the crop storage depth is 3.6m. The building location required an internal fan house with two centrifugal fans. The system uses fans with a humidity controller to ensure ventilation only takes place when conditions are suitable.





Case Study 2

JW Marsh & Son, 2,300 tonne grain drying floor

JW Marsh & Son constructed a new grain store with grain drying floor. The store capacity is 2,300 tonnes and the crop is stored to a depth of 3.6m. The grain drying floor compliments the existing Mecmar mobile grain drier that works primarily at another site. The centrifugal fans are mounted inside an internal fan house and operate automatically when ambient conditions are suitable.



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