



The Grain Drier People

Allmet was established in 1953 and has a wide spectrum of experience in grain drying, handling and storage. At the forefront of product development we pioneered and patented one of the first mixed flow continuous grain driers, and as one of the leaders in the grain drying industry we have designed, manufactured and fitted more than 5,000 grain drying systems.

Based in North Yorkshire our team features expertise in the fields of engineering, installation and agriculture, and our farming roots mean we have first-hand knowledge of the challenges facing producers today.

As an ISO9001 accredited company we are committed to delivering a service which is the first choice for discerning farmers and merchants. We offer the same inbuilt quality, research and product development that the company first pioneered over 60 years ago.





Range of Driers

From our range of **continuous flow, batch and heat recovery driers** rated from 10t to 300t per hour, we can offer a product to meet your requirements. We use the highly efficient continuous flow principle as it ensures the best heating economy and a gentle and even drying process for your crops. The same high quality parts are used in all our driers, regardless of their size.

Our driers are designed to provide the latest improvements in efficiency, low energy consumption and ease of operation. We can offer differing heat sources from gas and oil to biofuel, and a state of the art moisture control package which gives you total control over the drying process at the touch of a button. Clean air control options are also available using a fan which gives maximum airflow at minimal sound pressure

Heat recovery driers have proven successful in saving energy, giving up to 30% energy savings compared to a standard continuous flow dryer.

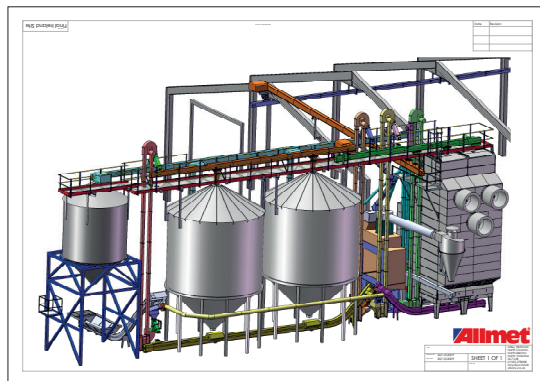




Bespoke Design

From conception to completion we offer you a bespoke design service so whatever your requirements our dedicated team will advise you the best way to achieve them.

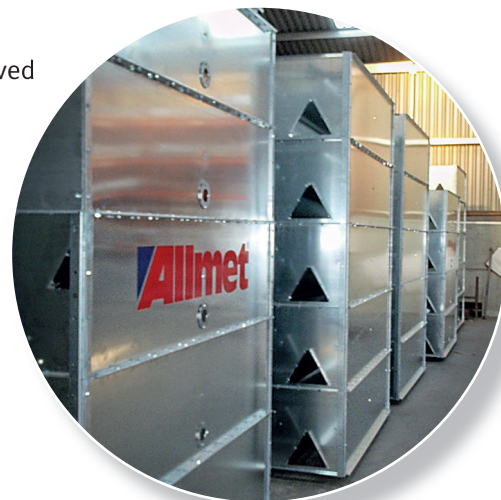
Using the latest 3D drawing technology our in-house draughtsmen will individually design your project right down to the bespoke bracketing and ducting. We work with your civil engineers and building contractors to design a drier plant that provides the best fit for you. Our aim is to provide you with a simple and efficient system and we pride ourselves on finding solutions, whether that is fitting your new drier around existing buildings and machinery or starting with an initial concept for your new site. Our designs show how every part of your plant fits together including conveyors and storage, and we can factor in possible future expansion if required.



Standard Drier Features

Our comprehensive range of driers incorporates numerous key features and cutting edge technology to meet your requirements:

- A three stage burner which can be diesel or kerosene provides improved fuel efficiency and accurate temperature control.
- A galvanised and modular design ensures longevity and flexibility should your business expand.
- A heavy duty stainless steel furnace provides improved resistance to heat damage.
- Adjustable gearbox operated cooling floors aid drying of different crops.
- Touch screen control panels ensure easy drier operation
- Sound alternators



Options

1. Pulse or roller discharges
2. Various heat sources
3. Variable speed fans
4. Ladder and platforms
5. Internal access system
6. Fire detection system
7. Hardwired control panel
8. Turboclean for dust extraction

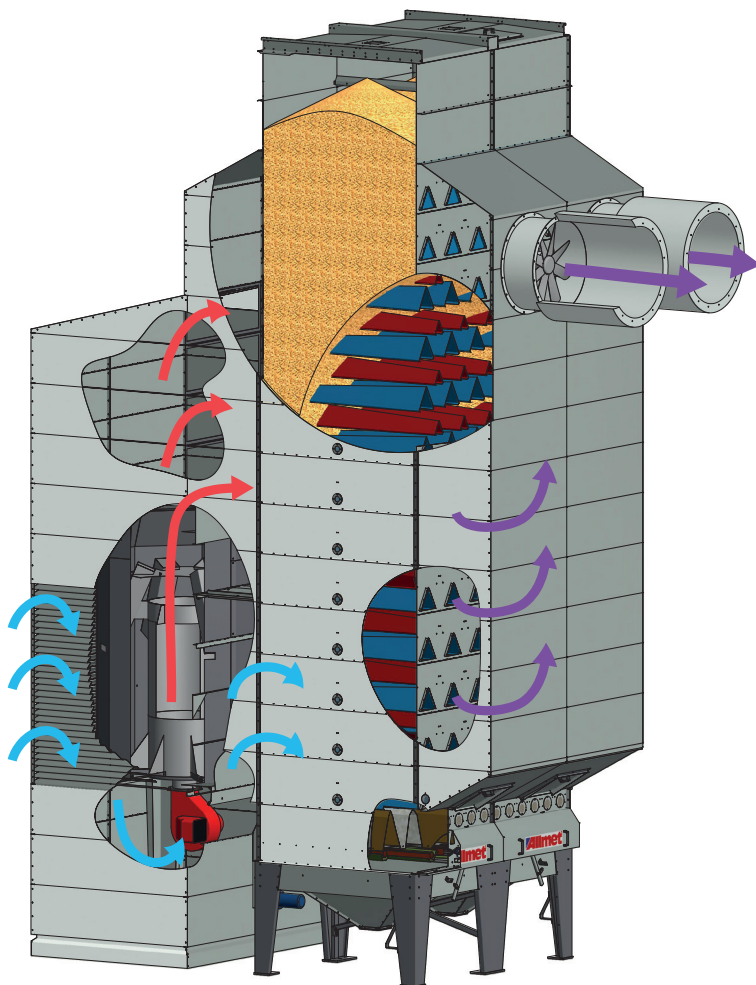


“ 3 types, 140 sizes.
One of them will suit
your needs ”



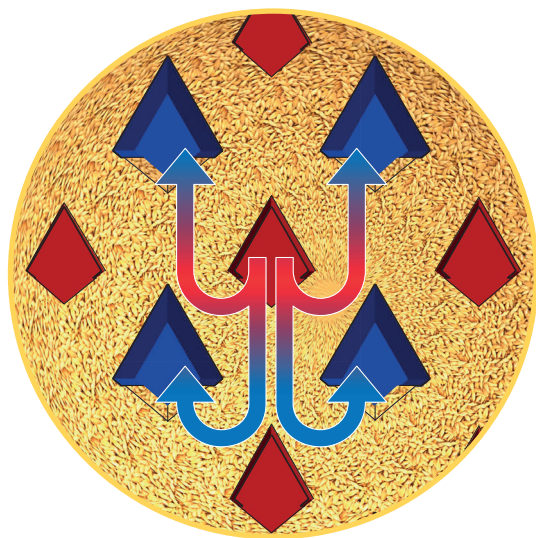


Allmet Grain Driers - proven performance



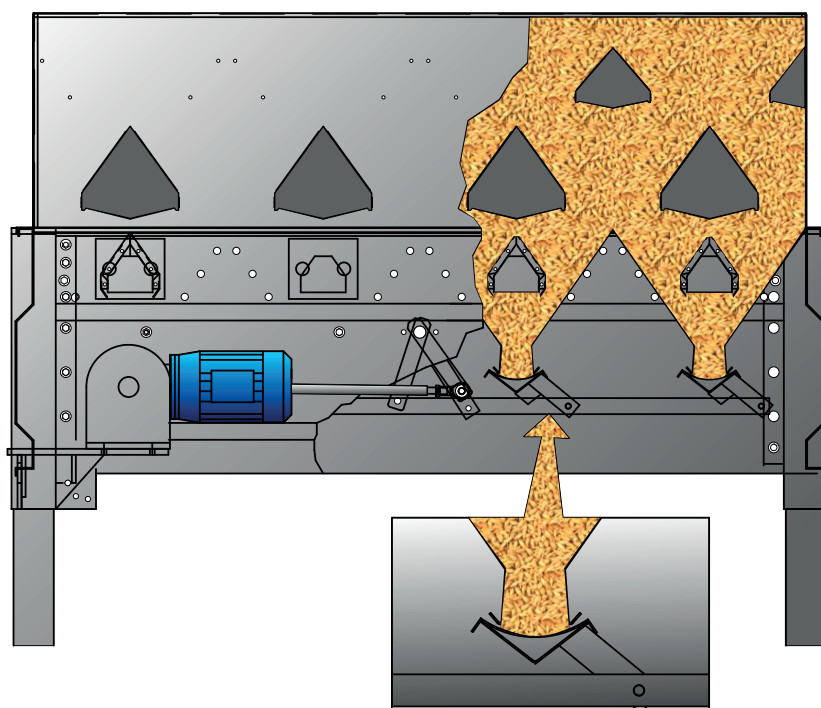
Mixed flow for even drying

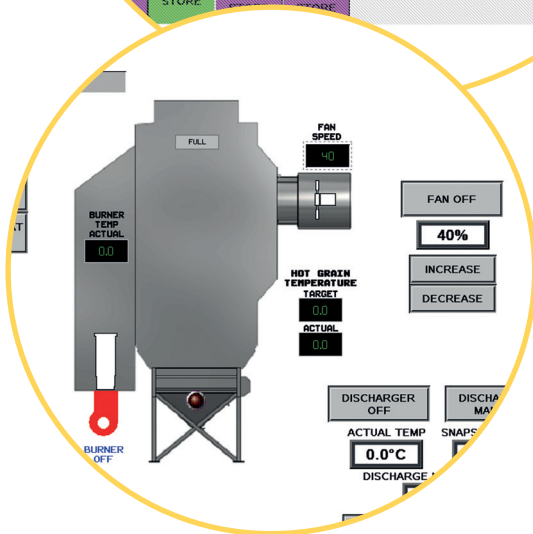
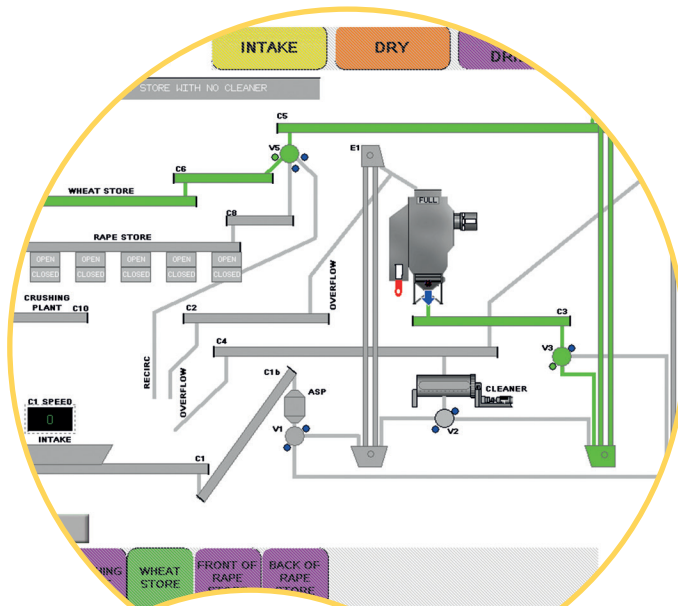
Grain enters the drier at the top and fills the central column. Hot air is drawn through the furnace then through the grain by the fan or fans via a series of air ducts. The ducts are located in the central column and ensure the grain is dried evenly.



Discharge giving maximum efficiency

Electrically operated pulse shutters or slow speed roller shutters are available. Both systems will ensure a positive metering of the grain flow. The roller discharge section also features a simple one-lever operation for easy cleaning between products.





The user friendly Allmet control panel

Touch screen control panels with a simple display and inbuilt safety functions ensure easy monitoring and management of the drying process for the operator. High quality sensors and probes link up to the alarm system and the control panel where warning flags will signal any blockage or overload of the machine.



Efficient and controllable burners

The air in the drier is heated by the furnace, which can be kerosene, diesel, biofuel or gas fired. Allmet uses the most modern, three stage, package burners to power the furnace, providing you with maximum efficiency and controllability. The three stages provide low temperatures for high value crops such as oilseed rape and malting barley, whilst sustaining high temperatures for feed wheat and barley. Once the required crop drying temperature is set, the control panel will automatically monitor and regulate the temperature, switching each stage on or off as required.





*“Our team of
experienced
tradesmen
assemble and
install your
grain drier”*



Manufacture

Our fully equipped fabrication workshop and assembly hall allows the manufacture of bespoke components such as ducting, bracketing, platforms and intake grids ensuring quality and precision.

Our driers come with a parts and labour warranty giving you dependability and peace of mind.



Installation

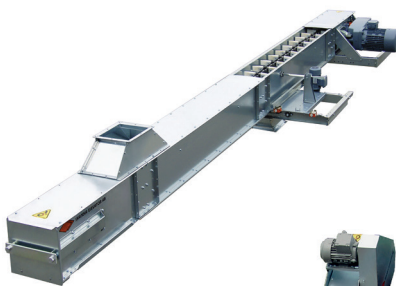
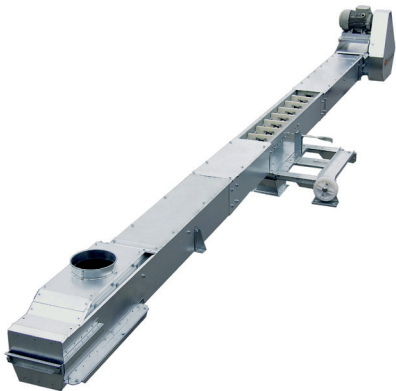


Once ready for installation we assign our own Allmet engineers, or in certain cases carefully chosen sub-contractors, to your project. Our engineers know the driers throughout and will assemble and erect your drier including any associated handling equipment quickly and efficiently. You can be sure you are dealing with professionals who care about what they do.

Once installed we will spend time with you prior to harvest commissioning the plant and training you on how it works to ensure you are confident in its operation.



Grain handling equipment and accessories



Our aim is to provide complete grain handling solutions for our customers.

Alongside the manufacture and installation of Allmet driers we also provide a wide range of associated grain handling equipment and accessories, including:

- **Belt and bucket elevators;**
- **Chain and flight conveyors;**
- **Belt conveyors;**
- **Screw augers;**
- **Silos and bulk storage solutions;**
- **Low volume aeration for crop conditioning;**
- **Cleaners and aspirators;**
- **Pedestals for cooling stored grain;**
- **Hot grain spears for tackling hot spots within the grain store.**



Aftercare

Our comprehensive after sales service ensures your drier is kept in good working order, and includes:

- **annual servicing;**
- **expert advice;**
- **breakdown cover;**
- **competitively priced spares.**

Our team of engineers are fully qualified and highly experienced. In addition to servicing your drier they can instruct you on drier operation for different crops and conditions.



*“ Quick,
efficient servicing,
spares and
breakdown cover ”*



**“We offer you efficient
and professional
grain drier design,
manufacture,
installation and
aftercare services”**

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As part of Allmet's commitment to product development, specifications may change at any time without prior notice. E.& O.E.