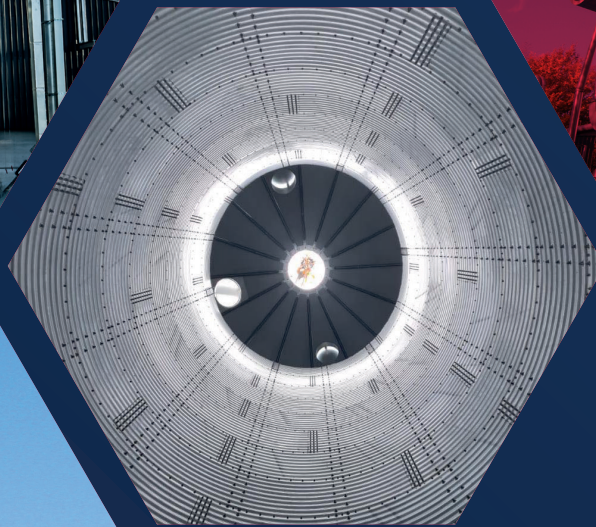




# THOMPSON'S ENGINEERING

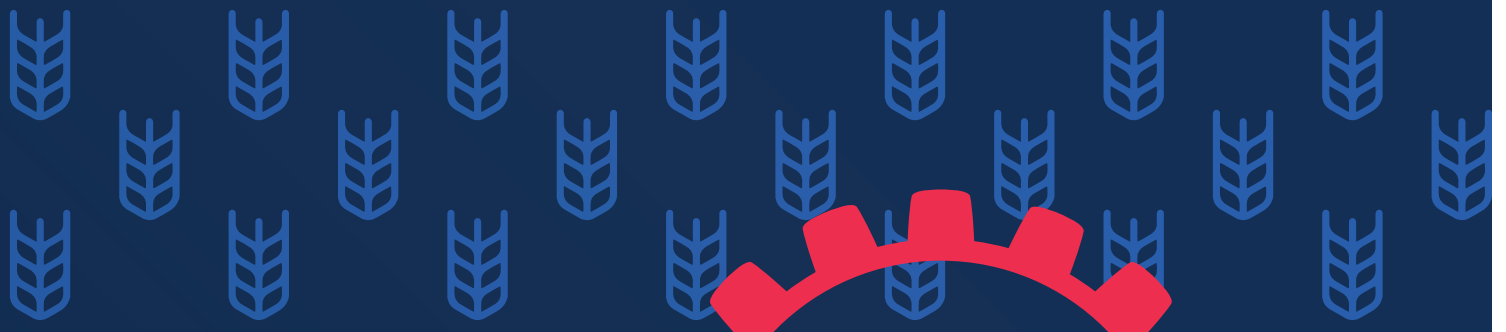


**Bespoke grain drying and handling**

Quote. Design. Supply. Install. Service.

[www.thompsonsengineering.com](http://www.thompsonsengineering.com)





# Welcome to Thompson's Engineering

At Thompson's Engineering, we're not your typical grain drying and handling solution provider; we're your dedicated independent partner, offering tailor-made solutions for both agricultural and commercial sectors.

With many years of project designing experience and a team of skilled engineers with a collective experience spanning three decades, we're your trusted source for tailored, comprehensive solutions. We're committed to providing you with the latest grain drying technology that streamlines your operations, delivers efficiency, and ensures peace of mind.



# Transforming Your Harvest Experience

**Thompson's Engineering takes pride in creating bespoke solutions that are as unique as your farm. We don't believe in a one-size-fits-all approach.**

Our process begins with a detailed consultation to understand your needs, budget and requirements. This initial step is essential in understanding a solution that seamlessly fits into your existing operations.

#### **Collaboration with Leading Manufacturers:**

We've cultivated strong relationships with leading manufacturers in the industry. Our partnerships with trusted names such as Kenra Grain Systems, Perry of Oakley, Guttridge, Cimbria and Skandia ensure that you have access to the best equipment and technology available. This collaborative approach guarantees that the components used in your system are of the highest quality.

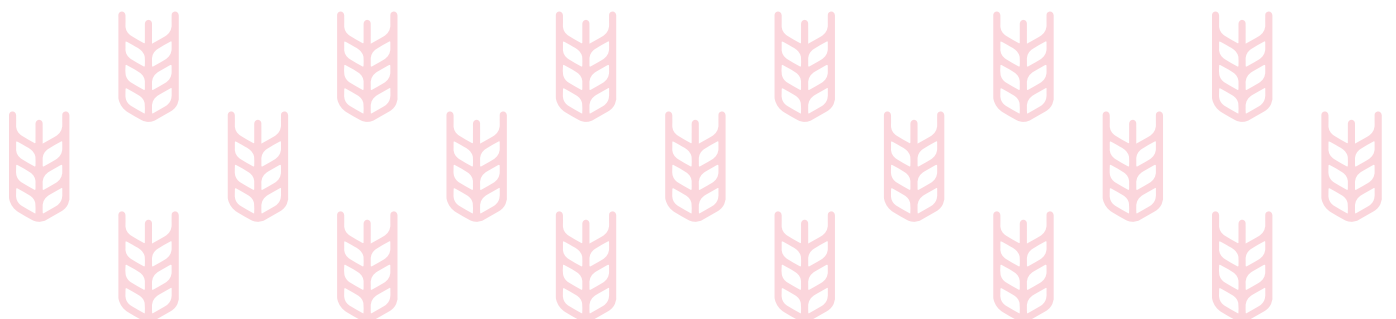
**Adaptability:** The flexibility of our solutions sets us apart. We pride ourselves on our ability to adapt to your specific needs. Whether you require grain drying, handling, cleaning, processing, cooling, storage, sorting, control, or automation, we've got you covered. Your farm's unique requirements will dictate the exact configuration of your system.

**Precision in Design:** At Thompson's Engineering, precision isn't just a goal; it's a standard we uphold in every aspect of our services. Our experienced team meticulously plan and visualise your grain drying and handling solutions and ensures that every component seamlessly integrates into the system.

**Budget-Friendly:** Our bespoke solutions are not just personalised to your needs, they are also cost-effective. We will provide you with a bespoke, cost-effective quote that is tailored to your business requirements. We ensure that you get a system that aligns with your financial resources without compromising on quality, efficiency, and safety.

**Taking the Stress Out of Farming:** We understand that the process of creating a better solution for your product's processing can be daunting. With Thompson's Engineering, the stress and uncertainty are replaced with a clear, step-by-step process. From the initial consultation to the final installation, we handle every aspect, so you can have peace of mind and dependability, even during challenging harvests.

Health and Safety on site is of paramount importance for all our installations and maintenance and we stringently comply with CDM2015 regulations.



# Sustainability and Efficiency



**At Thompson's Engineering, we are acutely aware of the pressing need for sustainable and efficient farming practices.**

Our grain drying and handling solutions are designed with a strong emphasis on reducing environmental impact while ensuring operational efficiency.

**Sustainable Farming Practices:** We take pride in supporting farmers' efforts to adopt sustainable practices. By helping our clients maintain the quality of their grain and minimise waste, we enable them to contribute to the broader sustainability of the agricultural sector.

**Energy Efficiency:** Our solutions are engineered to optimise energy usage. By incorporating cutting-edge technologies and innovative features, such as the Dryer Master moisture control system, we ensure that the grain drying process is as energy efficient as possible. This can lead to reduced fuel consumption and lower operational costs for farmers.

**Environmental Benefits:** Our solutions, including the Centrikleens and Light Grain Chaff Recovery System featured on Perry driers not only ensure cleaner grain but also promotes better air quality in surrounding areas by up to 95% of visible dust, chaff and fines collected.

**Reduced Carbon Footprint:** Our solutions can help to enable farmers to dry their crops more efficiently, thus consuming less energy and creating a better carbon footprint. (However, it's important to note that the environmental benefits also depend on individual farm practices and infrastructure).

By focusing on energy efficiency, we empower farmers to make a positive impact on the environment while reaping long-term financial benefits. Our commitment to environmentally responsible grain drying and handling aligns with the evolving needs of the modern agricultural sector.





# Our Solutions

Experience cutting-edge grain drying and handling solutions as we proudly collaborate with renowned manufacturers including Kentra Grain Systems and Perry of Oakley.

Thompson's Engineering covers every aspect of grain management, including drying, handling, cleaning, processing, cooling, storage, sorting, control, and automation.

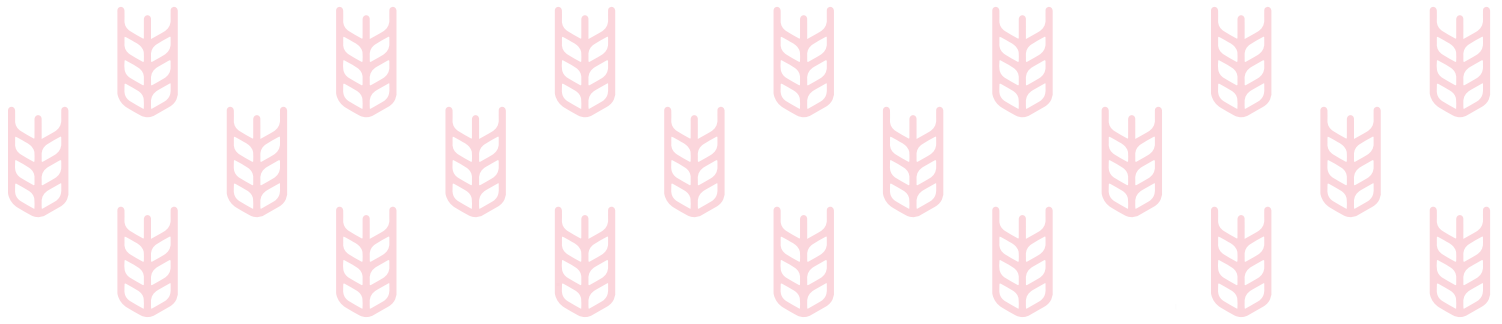
**Drying Solutions:** Our commitment to excellence shines through in our innovative drying solutions, meticulously designed to ensure your grains achieve the perfect moisture content efficiently. Whether it's wheat, barley, oilseed rape, or other grains, our state-of-the-art technology provides a controlled and consistent drying environment tailored to your unique

requirements. From intake to discharge, we guide you through the entire process, offering advantages such as reduced fuel consumption, faster drying times, cleaner high-quality grains, and enhanced long-term storage capabilities.

**Handling Solutions:** Efficient grain handling is at the heart of seamless operations, and our handling solutions are crafted to streamline your entire grain management process. Partner with us for benefits that include reduced labour costs through automation, minimised spillage, and prevention of grain damage during handling, prioritised safety and control measures, and customisable options for a tailor-made, efficient operation.

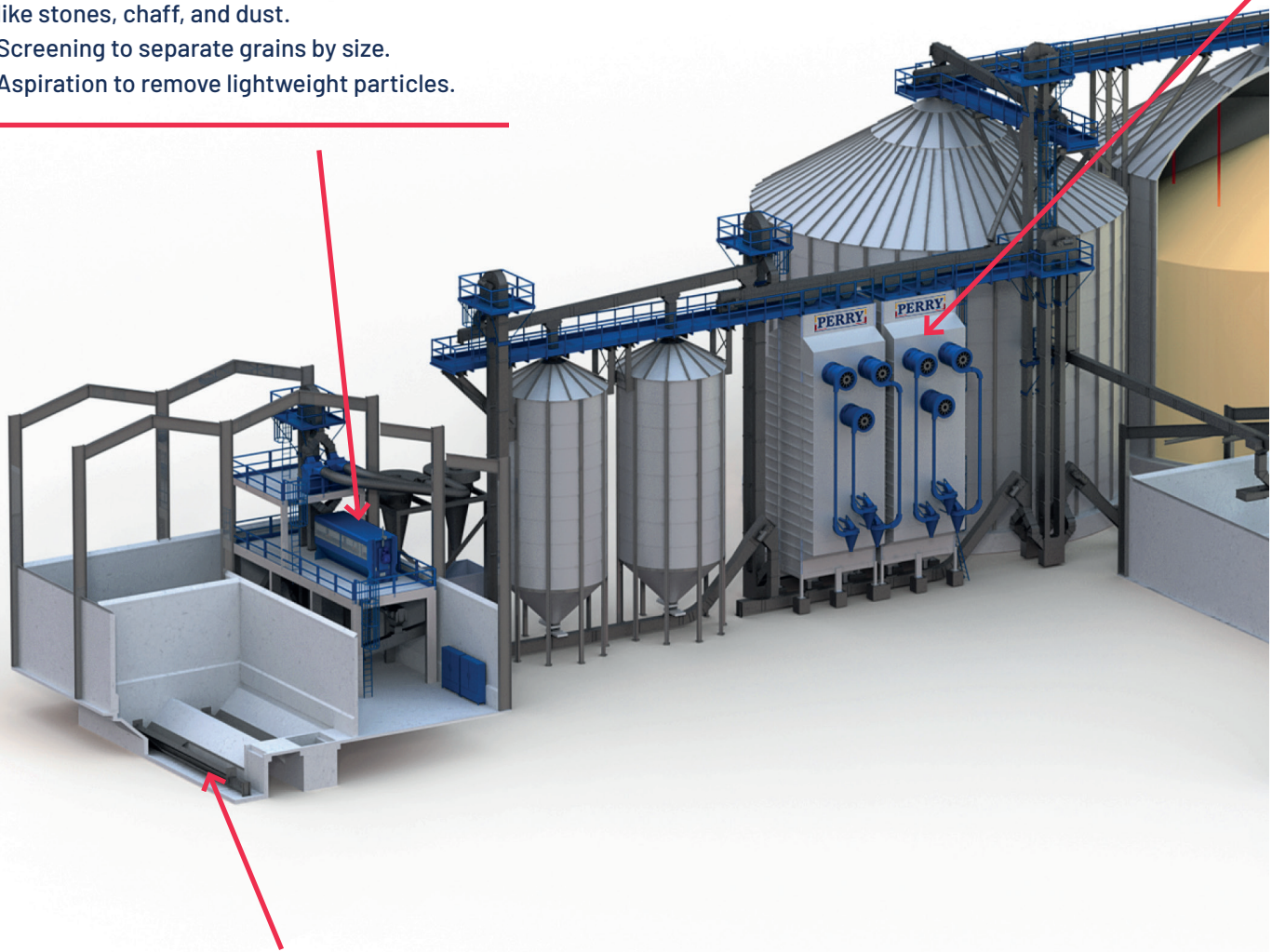
Embark on a journey of innovation and efficiency with Thompson Engineering's advanced grain drying and handling solutions, where quality meets technology to elevate your grain management experience.





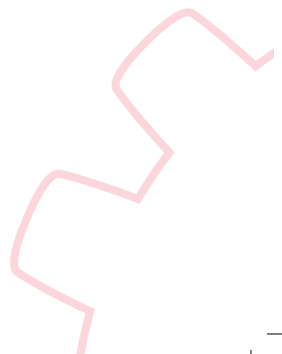
## Cleaning

- Preliminary cleaning to remove large impurities like stones, chaff, and dust.
  - Screening to separate grains by size.
  - Aspiration to remove lightweight particles.
- 



## Intake

- Receiving grain from trucks or other transport methods.
  - Initial inspection for quality control.
  - Weighing and recording the incoming grain.
- 





## Drying

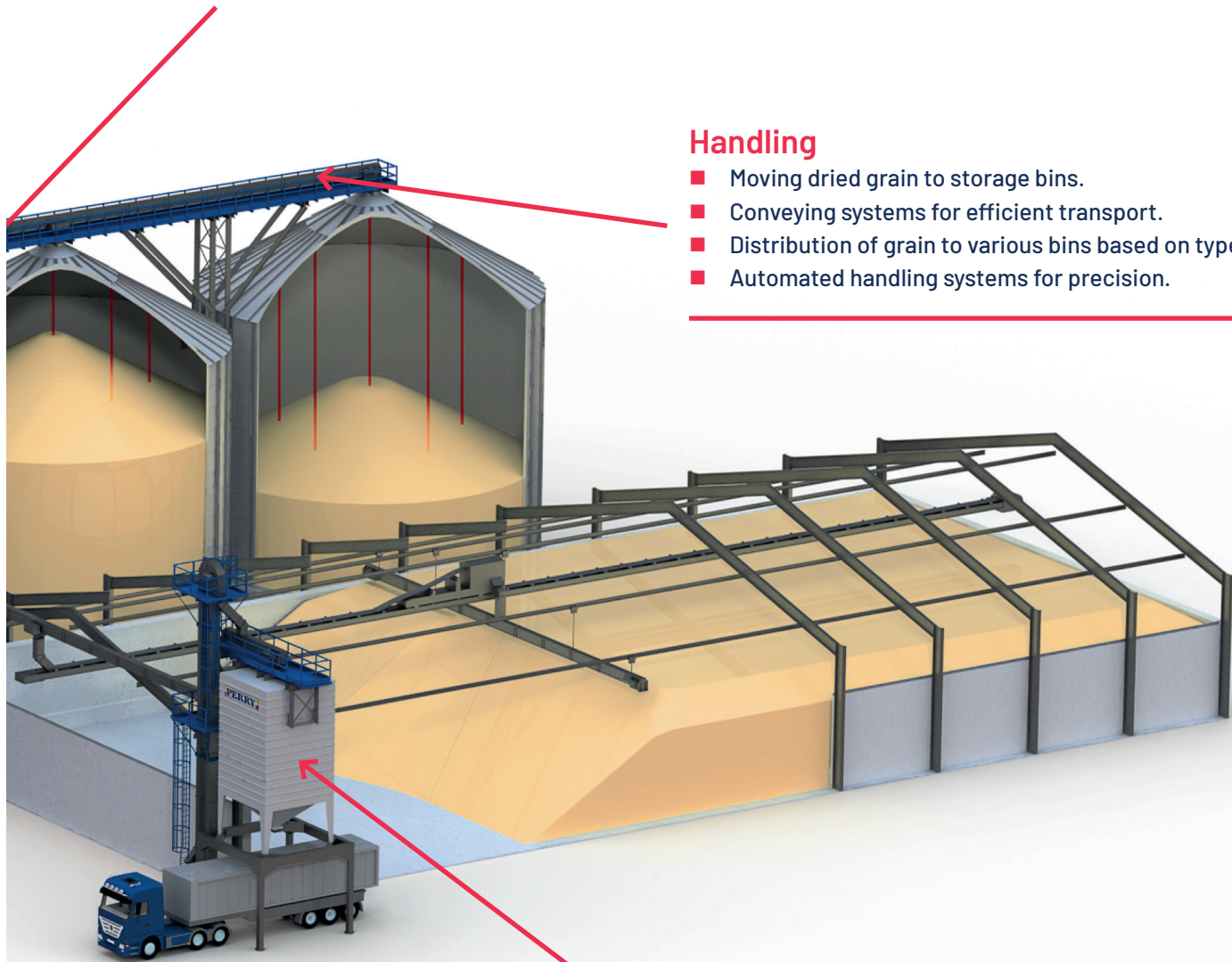
- Grain enters the drying system to reduce moisture content.
  - Continuous flow or batch drying methods.
  - Inverter controlled fans to utilise the heated airflow.
  - Monitoring and controlling temperature and throughput.
- 

## Handling

- Moving dried grain to storage bins.
  - Conveying systems for efficient transport.
  - Distribution of grain to various bins based on type or quality.
  - Automated handling systems for precision.
- 

## Outloading

- Loading dried grain onto trucks or other transport.
  - Final sample before leaving the facility.
  - Documentation of grain type, quantity, and quality.
  - Weighing and recording the outgoing grain.
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# Design and Installation

At Thompson's Engineering, we go the extra mile to ensure our customers receive top-notch support and service.

We're dedicated to your project's success:

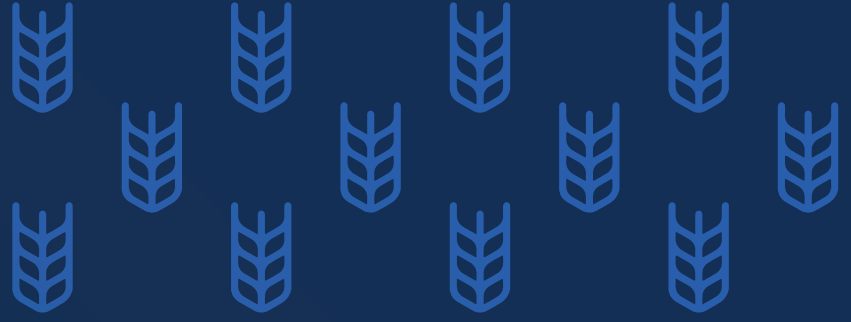
- **Skilled Team:** Our highly skilled engineers manage equipment assembly with precision and expertise.
- **Custom Fabrication:** With our milling and machining expertise, our workshop can tailor components to your exact specifications, offering flexibility and personalised solutions.
- **In-House Expertise:** We have years of industry-specific experience and employ the latest computer-aided design technology.
- **Regional Bases:** Regional bases in both the North and South of the country for our Project Management and Engineering teams ensures rapid response times to customer sites and expertise readily on hand to advise and manage your project.

- **Health and Safety:** All of our work is performed in compliance with CDM2015 regulations and we uphold Health and Safety policies and processes that are accredited by an external H & S organisation. Our Project Management team and engineers are SMSTS and SSSTS qualified and our equipment and machinery are tested and compliant to industry regulations.





# Maintenance and Support



## Keeping Your Operation Running Smoothly

Our commitment to your success extends well beyond the installation phase. We understand that reliable maintenance and support are crucial for maintaining the efficiency of your grain handling and drying systems.

## Service and Maintenance

Preventative maintenance is the key to reducing breakdowns and ensuring your grain systems are always operational. Our annual service and maintenance services offer outstanding value and can save money and headaches by ensuring your system is performing at its very best, whether it's just one component that needs attention or the whole scheme. Our service team is well-versed in the obvious checks and those learned through years of experience, preventing unexpected complications.

Our workshop has full fabrication capabilities and a paint shop to efficiently manufacture bespoke parts such as intake grids, pit liners, intake hopper pits, platforms, catwalk gantries and custom-built bracketry.

## Breakdown Support

Our technical team is always ready to assist you when breakdowns occur, no matter how small the part or problem. We pride ourselves on fast responses and arriving on-site fully equipped with a significant stock of spare parts on our vans and in our workshops to ensure we can respond quickly to your requirements and get your operations running again as quickly as possible. During the time critical harvest periods our breakdown support is available 24/7.

With our service and support, you can enjoy peace of mind during harvest and year-round, knowing that assistance is just a phone call away.

## Annual Service

Our annual service includes:

- **Thorough Inspection:** Our annual service ensures a comprehensive inspection and maintenance check for drier and handling equipment.
- **Experienced Team:** The service is carried out by our experienced and highly skilled service engineers, guaranteeing quality and reliability.
- **Certification:** Upon completion, we provide certification for your Farm Assurance records, assuring peace of mind and meeting industry standards.

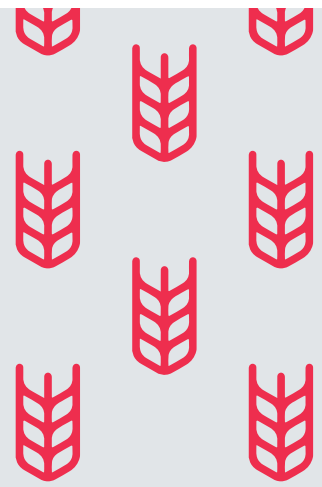
## Service Report

Our service report is detailed and covers:

- **Critical Components:** Dryer discharge and bottom hopper, grain column, exhaust plenum, hot air plenum and furnace tube.
- **Control and Mechanics:** It also includes assessments of Burner Mechanics, Control Panel and Operation, and Burner Operation, as well as inspections of all handling equipment.



# What our customers say



**Don't just take our word for it; hear what our satisfied customers have to say. Their success stories are a testament to our expertise and attention to detail. Discover how our solutions have transformed their farming operations.**

*"The engineers were great and adhered to the Health and Safety policy on site, whilst delivering an impressive new upgrade to the Grain Store. We are now able to clear loads much quicker and reduce lorry waiting times."*

**Kevin Bray, Operator, Holkham Farming**

*"Our old system was slow and inefficient with bulk loads waiting and grain being deposited all over the concrete before the intake to keep up with combining. Once the new system was installed, the opposite was the case and we were able to slow the dryer down to keep the system running full. Thompson's has proven to be highly dependable and knowledgeable with attention to detail. Most importantly their staff adhered to our stringent Health and Safety requirements whilst on site."*

**Paul Hovesen, Farm Director, Salle Farms**

*"I have a drying system that means we can tip into the intake quickly and with Dryer Master running the Kentra dryer can achieve the right moisture content required without over drying the crops."*

**G Liddle, Farmer**

*"The engineers cracked on with the job on site and were good problem solvers. The design and project management were excellent."*

**G Hoyles, Owner, Long sutton**

*"I am really pleased with the new Perry dryer and the control panel is so easy to use. Thompson's listened to our requirements and were extremely helpful throughout the entire process."*

**Sam Falkingham, Farmer, Driffield**

*"Thompson's Engineering has done a great job and also provides a great support service when needed."*

**Phil, Farm Manager, A&B Turney**







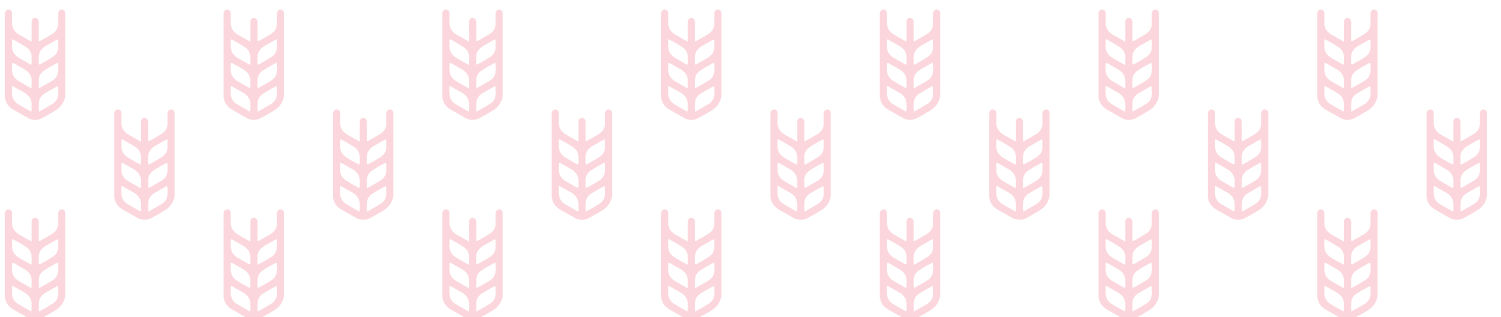
# Let's talk

Ready to enhance your grain drying and handling process? Our team is eager to assist you in achieving a more efficient, sustainable, and cost-effective solution.

Don't hesitate to get in touch with us for more information, quotes, or to schedule a consultation. Call us on **01377 304007** for a friendly, no obligation chat.

## Why choose Thompson's Engineering?

- **Bespoke Solutions:** Tailored grain drying and handling solutions designed to meet your specific farm needs.
- **Experienced Team:** Benefit from over 30 years of experience with a team of highly skilled engineers, many of whom have a farming background.
- **Leading Suppliers:** Partnering with top manufacturers, including Kenra Grain Systems, Perry of Oakley, and FAO, ensures access to high-quality equipment and parts.
- **Comprehensive Services:** We offer a full range of services, including design, machining, installation, and service to provide complete solutions from start to finish.
- **Environmental Focus:** Our solutions contribute to sustainability and energy efficiency on farms, reducing fuel consumption and improving carbon footprints.
- **Cutting-Edge Technologies:** We incorporate advanced technologies like Dryer Master moisture control and Perry Centrikleens to enhance grain handling and drying processes.
- **Cost-Efficiency:** Save on fuel and electricity costs, reduce drying time, and benefit from cleaner crops, resulting in long-term savings.
- **Reliable Annual Service:** Our annual service ensures equipment reliability, with comprehensive inspections, certifications, and detailed service reports.
- **Continued Support:** Beyond installation, our team provides ongoing support, maintenance, and rapid response to breakdowns, guaranteeing machinery uptime.
- **Quality Spare Parts:** We maintain a significant stock of spare parts, ensuring quick access to critical components when needed.
- **Peace of Mind:** Our focus on safety, quality, and preventative maintenance offers peace of mind during harvest and operation.





# THOMPSON'S ENGINEERING

"Transforming Your Harvest Experience"

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