



**ROBSON SUGAR
HANDLING
SYSTEMS**

**COMPLETE ATEX
CERTIFIED RANGE
AND OVER 50 YEARS'
SUGAR INDUSTRY
EXPERTISE**



Feasibility



Design



Manufacture



Install



Maintenance

Benefits to Your Business

Individual Items to Full Turnkey Systems

From stand-alone conveyors to complex multi-million pound Turnkey sugar factories, Robson have highly skilled design, manufacturing and installation engineers to deliver handling solutions that suit every application.

Application Experience

Over 50 years' application experience in the sugar industry, Robson sets itself apart with unrivalled knowledge and expertise on projects worldwide.

Safety Standards

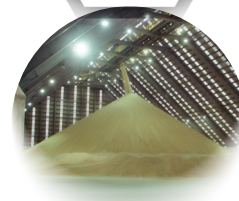
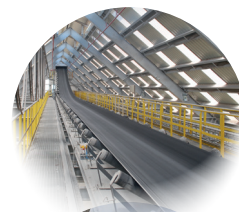
Robson sugar products are ATEX certified. Ensuring the safety of personnel and plant while conveying processed sugar. The conveyors carrying compartments are sealed to prevent dust escape and ingress of contamination.

Whole Beet and Wet Pulp Handling

The way whole sugar beet is handled is of prime importance to the quality of finished product. In order to minimise degradation of whole beet, Robson pay careful attention to the layout and design of beet flumes, de-watering Screw Conveyors, troughed Belt Conveyors and Chute work. This care also extends from beet slicers all the way through to the bagging and out-loading stations.

Raw and Wet Sugar Handling

Extensive knowledge of raw and VHP sugar has enabled Robson to design, develop and install cost effective intake, storage and retrieval systems for sugar refiners across the world. Additionally, Robson supply highly reliable wet sugar conveyor systems to some of the largest sugar producers in the world.



Your End to End Solution Provider



Feasibility:

Design, installation and budget needs are assessed to give an accurate project overview, enabling Capital Expenditure (CapEx) budgets to be costed. Additional to new systems, Robson has the capability to replicate designs, propose potential improvements and / or cost savings to current systems.



Design:

Our designers will bring your proposed solution to life. Allowing you to visualise your solution, and guarantee right first time engineering.



Manufacture:

Highly skilled engineers, UK manufacturing facility, rigorous audited ISO 9001 quality procedures and traceable raw materials, ensure quality is maintained throughout the manufacturing process.



Install:

Robson provide a fully integrated, in-house planning and installation service with universal material and industry experience. Keeping a tight control over the system ready for going live, our in-house expertise allows us to add value throughout the project delivering you an 'end to end' service.



Maintenance:

Through the proactive use of specialist servicing and maintenance equipment potential issues are prevented before they happen. Providing long-term stability and increased longevity to products, systems and technologies.

Products



Airglide Conveyors

The Robson Airglide Conveyor is a development of the traditional Belt Conveyor. Utilising a cushion of air to support the loaded belt, the ATEX certified Robson Airglide Belt Conveyor delivers economical, efficiency and environmental advantages.

Belt Conveyors

The Robson Belt Conveyor is used for raw / wet sugar. Complex geometries are calculated, and designs are fully simulated for load characteristics to deliver optimum power consumption. Available ATEX certified.



Screw Conveyors

Robson offer a bespoke range of ATEX certified Screw Conveyors from 150mm to 1,500mm in diameter to 12m in length. Free from hanger bearings to eliminate internal maintenance and contamination, along with multiple design options of fully welded flights to meet the desired raw or wet sugar processing requirement.

Bucket Elevators

Fully contained ATEX certified housing. With a small footprint the vertical leg sections ensure complex and compact designs can be achieved with the Robson Bucket Elevator.



Lump Breakers

The ATEX certified Robson Lump Breaker ensures optimum sugar flow efficiency. Quick and simple installation is a reality with its compact design, along with key components being strategically designed on the outside of the product for ease of maintenance.

Robson Group Expertise



With over 100 years' industry experience, Robson is a fourth generation family owned UK materials handling provider. Developing innovative solutions to address customer handling requirements across industries worldwide.

Operating from its UK headquarters, Robson has a comprehensive portfolio of high quality products, with clear design and engineering capabilities that have been proven by decades of industry experience. Robson is leading the way in the Sugar industry – standard in manufacture, bespoke in application.



Robson Site Services, specialist service and maintenance teams with vast mechanical handling knowledge are on hand to support you. Delivering the long-term stability of your systems, which is vital for continued performance.

Whether it is a tailored service contract that is required to pro-actively ensure on-site continuity and increase equipment longevity, or if maintenance work is required, the Robson Site Services team will work with you to ensure that downtime and delays are minimal.

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