

ROBSON

HANDLING TECHNOLOGY

Belt Conveyors

Robson Belt Conveyors:

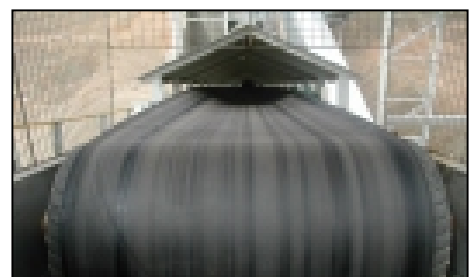
- Enclosed Gantries
- Product Weighing
- Tramp Metal Detector
- Material Sampling
- Inclined or Declined
- Troughed Belt Conveyor
- Sidewalled Belt Conveyor

Serving many industries Robson can develop conveyors to meet any need whether it is **Quarry, Steel, Sugar, Glass, Cement or Aggregate.**

Diversity of product, material and environment has always been the challenge to conveying industry, Robson have met that challenge, and provided the world with a quality product that performs beyond all expectations.

Manufactured from only the best quality components, driven by drive units and gearboxes supplied by the top motor manufacturers. The Robson Bulk Conveyor is robust enough to perform in the harshest of environments and offers an enviable reliability. Robson have gained an outstanding record of successful builds over many years in the industry.

Offering conveyors that can transport material in excess of 1000 tons per hour over distances beyond 500 metres the Robson bulk conveyor has the power to deliver. Bulk Material Belt Conveyors designed by Robson are often used to convey the following sugar, cement, glass, aggregate, glassworks, environmental waste, alternative fuel, biomass, worn tyres, cement, clinker, aggregates, chalk, flint, slate, Limestone, Sandstone, Granite, Gypsum, cullet, sand, effluent sludge cake, rubble, food stuffs, animal feed, grain and wheat.



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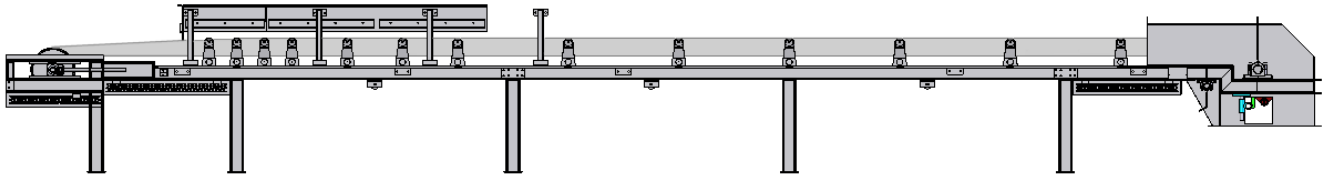
www.robson.co.uk

Registered in England No. 397606



Belt Conveyor Specification

Enclosed Belt Conveyors
available for Dust or Gas
atmospheres
ATEX Internal Category 1
External Category 2 or 3.



Item	Specification
Width	1500mm + Wide
Length	500m +
Capacity	1000 + TPH
Incline	Maximum 20°
Drive	Shaft Mounted Helical Bevel Geared Motor Unit Coupled Drive Unit
Bearings	Plummer Block Bearing
Belt Options	Fire Resistant / Anti Static / Food Safe / Oil Resistant
Head Pulley Lagging Options	Ceramic Lagged pulleys Rubber Lagged Pulleys – Plain / Chevron / Diamond Steel Pulleys – Plain / Spiral / Caged
Idler Sets	Sets of Idlers form the belt in to the troughed shape. Impact Idlers at the in-feed
Scraper Options	Primary Belt Scraper Secondary Belt Scraper (Option) Air-knife Brushes - Stationary / Rotating
Sensors	Speed Sensor
Guarding Options	Wire Mesh Punched Steel Solid Guard Light Guard
Safety Features Options	Pull-wire Safety System
Optional Explosion Protection	Suppression Units / Deluge Systems / Sprinkler Systems
	Explosion Vent Panels



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