



ROBSON AIRGLIDE

Using a cushion of air to support the loaded belt, the Robson Airglide brings economic, efficiency and environmental advantages to your business



Feasibility



Design



Manufacture



Install



Maintenance



Features and Benefits

Lower Maintenance Cost

A cushion of air supports the belt, with less moving parts and minimal friction. Key components externally mounted.

Ease of access and significant savings in relation to; spare inventory needs, maintenance and costly downtime.

Increased Safety

Suspended on a air cushion, material is transported smoothly by the belt. Available ATEX certified. Fully guarded.

Minimised dust generation and reduction of associated risks. Minimal agitation and no spillage. CE marked for safety.

Guaranteed Quality

Over 100 years' application experience. Manufactured by highly skilled technicians and welders.

Increased reliability and durability, with reduced maintenance costs.

Delivering Material Consistency

Fewer moving parts, and fully enclosed casing.

Lower contamination of the material and protection from the elements, dust and unwanted visitors (E.g. insects/rodents).

Seamless Installation

Modular designed as; head, tail, 3m intermediate and make-up casings.

Delivering ease of transportation, maneuverability and a seamless installation.



Technical Specifications

Belt Width	600mm	800mm	1000mm	1400mm
Length	<200m	<300m	>300m	>300m
Max Incline	20°	20°	20°	20°
Capacity	100TPH	200TPH	500TPH	850TPH
Drive	Shaft mounted helical bevel Geared motor unit			
Bearings	Plummer block bearing Flanged bearings			
Belt Options	Antistatic Fire resistant Food safe Oil resistant Hard wearing			
Fans	Spark free running ATEX rated			
Tension Unit	Below 50m - Tail tension unit Above 50m - Gravity tension unit Option: Winch tension unit			
Sensors	Speed switch Pressure switch			
Optional Sensors	Blockage sensor Flame sensor Belt tracking			
Construction Materials	Conveyor case and internals - stainless steel Conveyor support structure - galvanised mild steel			
Explosion / Fire Protection	Suppression units Explosion vent panels Deluge systems Spray systems			
Conveyed Materials	Dry bulky materials in the form of crumbs, grains, pellets, shreds, dust, powder, flake, or crushed products of bio-matter, sludge and aggregate			
ATEX	Zone 20 internally - Zone 21/22 externally			