

ROBSON SCREW CONVEYOR

Versatile, robust design to bring a cost saving to your business



Feasibility



Design



Manufacture



Install



Maintenance

Features and Benefits

Lower Maintenance Cost

Innovatively designed welded stub shafts, mild or stainless steel tubes. Up to 12m in length are free from hanger bearings.

Increased product life. Enclosed maintenance free area, significantly reducing costly downtime.

Increased Safety

Minimal external moving parts. Available ATEX certified. Fully sealed, acts as a natural baffle. Fully guarded.

Minimised dust generation and reduction of associated risks. 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

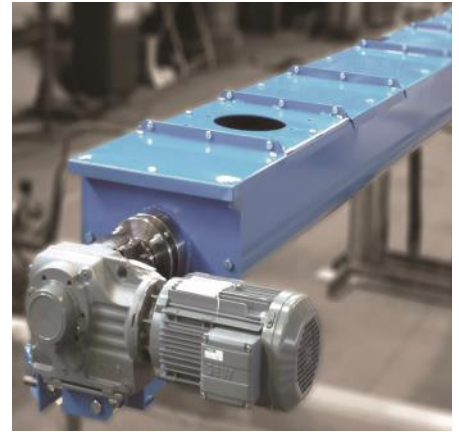
Externally mounted bearings and fully sealed options.

Zero contamination, ensuring a clean product.

Versatile Design and Commonality of Spares

Multiple design options of welded flights to allow conveying, elevating or mixing.

Commonality of spares across a range of processes.



Technical Specifications

Size	Diameter: Maximum 1500mm Length: Maximum 12m
Incline	Maximum 20°
Capacity	650 TPH
Drive	Shaft mounted helical bevel Geared motor unit
Bearings	Plummer block bearing Flanged bearings
Shaft & Spiral	Mild steel Stainless steel Mild steel clad with stainless steel
Options	Epoxy coated on mild steel shafts
Case Material Options	Stainless steel Mild steel Coated to suit customer requirement
Sensors	Speed switch
Optional	Blockage sensor
Conveyed Materials	Wet or 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