

SCREW CONVEYOR UH500-600

UH500-600

ALTINBILEK Screw Conveyor ensures the horizontal, sloped, or vertical transport of the powder and granule products. It is used in conveyance for feeding, distribution, collection, mixing, dosing, and discharging purposes. There are 2 types of screw conveyors: U-type (Hull) and Tube Type, both of which are helical and are manufactured as galvanized steel, painted steel, and stainless steel depending on the requirement. Used in all branches of industry.

- **Foods**
Flour, Rice, Tea, Sugar, Milk Powder, Various Powders, Flakes, and Granules
- **Animal Feeds and Cereals**
Wheat, Barley, Corn, Oil Seeds, Various Feeds, Pellets, and Flakes
- **Chemicals and Minerals**
Cement, Sand, Glass Crumb, Ash, Limestone, Ore, Coal, Salt, Fine and Natural Dust, Flakes, Granules
- **Biomass and Waste**
Wood Pellets, Chips, RDF, Rubber, Plastics, Other Flakes, Pellets, and Granules

FEATURES

- U-Type or Tube-Type Body Structure
- Heavy Duty Type
- Synthetic Intermediary Bearings
- Impermeable Dust Seals
- Easy Maintenance and Simple Installation
- Silent and Vibration-free Operation

DRIVE SYSTEM

- Direct Drive with Reducer Motor and Chain Coupling (Standard)
- Power Transmission with Belt-Pulley Connection (Optional)
- Power Transmission with Chain Connection (Optional)

SECURITY SYSTEM

- Speed Guard Sensor (Standard)
- Excessive-product Detection Sensor (Standard)
- Roller Heat Detection Sensor (Optional)
- Roller Pulse Detection Sensor (Optional)
- Product Flow Detection Sensor (Optional)

ACCESSORIES

- Inlet Module
- Outlet Module
- Housing for Rotating parts
- Motor Housing
- Support Legs with Height Adjustment
- Lower Cleaning Covers (Optional)
- Wear Plates (Optional)
- Impermeability with Rope Seal (Optional)
- Transparent Observation Hatch (Optional)

TECHNICAL SPECIFICATIONS

Machine	UH500	UH600
Maximum Capacity	291m ³ /h	435m ³ /h
Maximum Length and Slope	According to the product specifications	
Drive System	According to the application	
Sound Level	60-80 dB	
Operating Conditions	-15°C ÷ 40°C ambient temperature	

MATERIALS

Body	Standard	Painted (Carbon Steel)
	Optional	Stainless Galvanized Steel and Hot Dipped Galvanized Coating
Auger	Standard	Steel
	Optional	Stainless
Intermediary Bearing	Standard	>3m
	Optional	<3m
Step	Standard	Right, Left Full Step
	Optional	Variable Pitch, Fixed Conical Pitch

COMPATIBILITY

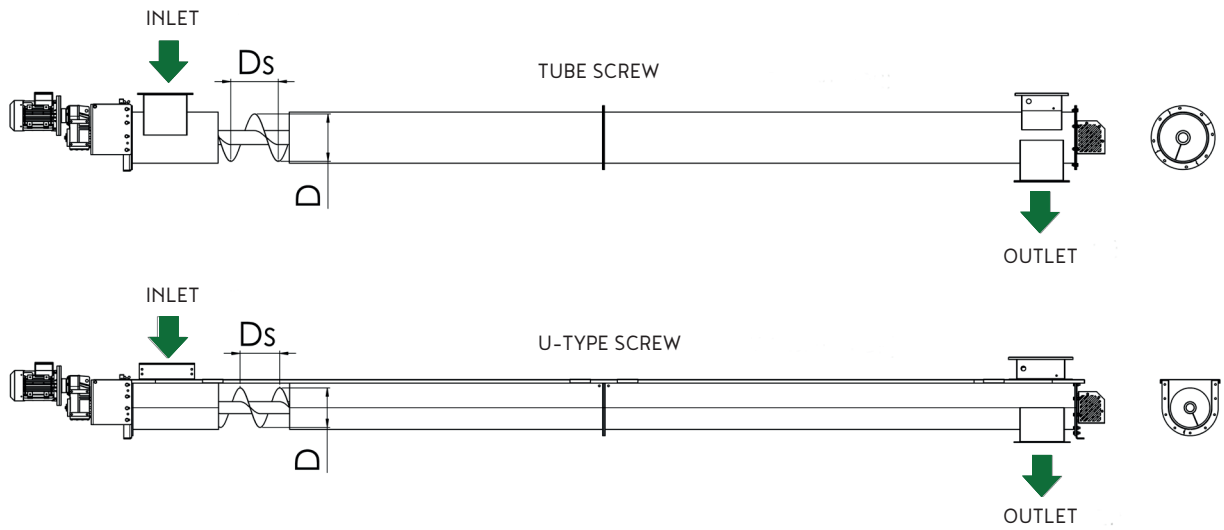
ATEX	Standard	Out of Zone
	Optional	Zone 22 - 21

NOTE: ATEX compatibility requires special requirements.



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MODEL	Screw Leaf Diameter D (mm)	Screw Leaf Pitch Ds (mm)	Capacity (m ³ /h)	Wheat Fullness 45% (t/h)	Flour Fullness 45% (t/h)
UH500	500	500	291	218	160
UH600	600	600	435	326	239

Designs and dimensions are subject to change without notice.