

SCREW ELEVATOR

■ CLEAN AND SEALED CONVEYING



A sealed and compact solution for clean powder and granule conveying.

■ Product Display





ATTRIBUTES

Screw Diameter

Conveying Length

Conveying Speed

Conveying Capacity

Conveying Angle

Power

RANGE

100mm - 1000mm

3m - 20m

0.5m/s-2m/s

1t/h - 100t/h

30° - 60°

0.75KW - 45KW

FAQ

■ What's the difference between solid, belt, and blade screw designs?

These three screw structures are designed to handle different types of materials.

Solid screws are suitable for dry powders and low-viscosity granules. Belt screws are better for moderately sticky materials in block form. Blade screws are used for tough, compressible, or easily entangled materials.

■ How is a screw conveyor different from other lifting equipment?

Screw conveyors, bucket elevators, and skirt belt conveyors each have distinct features in terms of structure, sealing performance, conveying angle, and space requirements. The table below shows a basic comparison:

Equipment Type	Structure	Sealing	Conveying Angle	Space Requirement
Skirt Belt Conveyor	Open frame with skirted side walls	Poor	Steep or nearly vertical	Large floor space
Screw Conveyor	Enclosed casing with spiral blades	Good	Horizontal or slight incline	Compact layout
Bucket Elevator	Vertical structure with buckets	Moderate	Vertical only	Small footprint

■ What factors affect the price of a custom screw conveyor?

The cost mainly depends on the material selected, with stainless steel being more expensive than carbon steel. Dimensions such as diameter and length will also influence the price. Motor options, including brand, explosion-proof design, or variable frequency drives, are another factor.

Any special customization will further affect the final quote.

Zhengzhou Kawise Technology Co., Ltd.

Website | <https://www.kawise.com/>

Email | info@kawise.com

Mobile | +86 187 0382 0393

Whatsapp | +86 187 0382 0393