

# RIBBON BLENDER WITH INCLINED SCREW CONVEYOR

**Ribbon Blender** (also named ribbon mixer) is a basic industrial mixing machine.

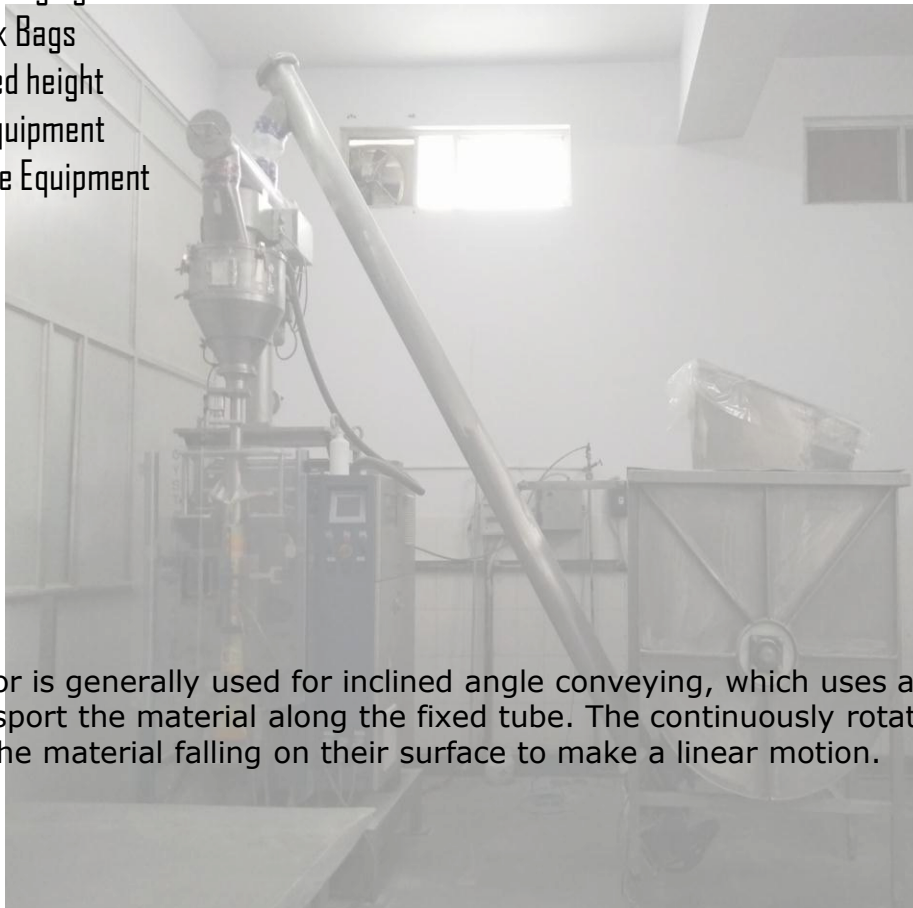
They consist, basically, of a trough-shaped shell with a semicircular bottom, fitted with a horizontal longitudinal shaft on which are mounted arms supporting a combination of ribbon blades, paddles or helical screws set at a fairly close clearance to the semicircular mixer body so that no layer of material remains on the bottom of the ribbon mixer.

The most effective design of ribbon layout is the double spiral in which the outer ribbon moves the product in one direction and the inner ribbon moves it in the opposite direction.



## Application:

- ✓ To Feed Product in Packaging Machine
- ✓ To Mix And Pack in Bulk Bags
- ✓ To Transfer at Required height
- ✓ Connect with Mixing Equipment
- ✓ & connect with Storage Equipment



## Working principle:

Tubular screw conveyor is generally used for inclined angle conveying, which uses a rotating screw to transport the material along the fixed tube. The continuously rotating of screw blades pushes the material falling on their surface to make a linear motion.

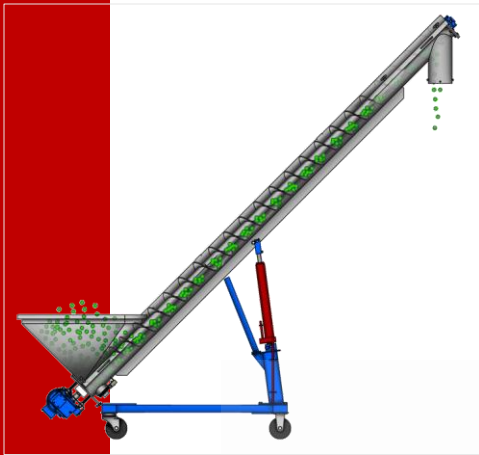


### Features:

- High reliability, low maintenance.
- Simple structure, small occupied space.
- Multiple feeding port and discharging port available.
- Easy to form the production line, can be connected with packaging equipment, storage equipment, mixing equipment or screening equipment.
- Customized with hopper or running wheels and others.
- Reliable sealing.
- Economical to purchase, install and operate.

### Selection guide:

1. What is the conveying material and its physical characteristics?  
Such as bulk density, feeding size, temperature, moisture content etc.
2. What is the processing capacity per hour?
3. What is the inclination angle needed?
4. What is the conveying length or tell us the distance from inlet to outlet?



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