

# U-Type Screw Conveyor

The screw conveyor trough is made in the shape of letter U. Used to transport powder, granules and dry loose materials. It consists of two bearings seats, flights, shaft, bearing housing and driven equipment, etc. Shaft and screw flights are welded to the center pipe. Rotations are initiated by the engine and then the material is transported along the screw conveyor from the inlet to the outlet. Screw conveyor for animal by-products processing can be divided into 3 separate groups: raw material handling, process conveyors, and press cake handling.

Only one moving part

Easy clean and maintenance

Transport of material

Different sizes available



---

# TG-MACHINES

## PROCESS ENGINEERING

---

### TECHNICAL DATA:

Model	SC-200	SC-250	SC-300	SC-350	SC-400	SC-500	SC-600
Diameter [mm]	200	250	300	350	400	500	600
Max. Length [m]	8	10	12	14	16	16	16

In general, all screw conveyors look similar, but it differs due to the properties of processing material. Material can be cold, hot, wet, fatty, or dry. Design is made in order to achieve the best possible performance. The machine can be made according to the customer's requirements. Different options are available: variable pitch of the flight, extra inlet, extra outlet etc. Screw conveyor can be made from carbon steel or stainless steel.

### Application:

- ⇒ Fish
- ⇒ Feathers
- ⇒ Offal
- ⇒ Press cake
- ⇒ Sludge
- ⇒ Fish Meal
- ⇒ Meat and bone meal
- ⇒ Cold, hot, wet, fatty and dry applications

