

SCREW CONVEYOR

► Screw conveyors are designed for the horizontal and slightly rising transportation of fine bulk cargo with a maximum diameter of +/- 15 mm.

► The transport capacities and the number of products that can be conveyed by means of a screw are extremely high. The screw conveyor is applied in grain handling facilities, animal feed factories, in cattle fodder firms as a dose-feeding installation, in breweries, in the chemical industry and in many food producing industries.



► The screw conveyor consists of a tubular or U-shaped trough in which a shaft revolves, around which a screw-shaped ribbon is constructed. The ribbon moves the product, which has entered the trough, forward on the bottom of the trough towards the outlet(s). The screw conveyor can be made with one or more intermediate outlets.

- Product: bulk materials in feed and flour milling
- Capacity: 2 – 300 m³ / hour, 1 – 150 tons / hour ($d=0,5 \text{ ton/m}^3$)
- Length: 0,5 – 15 meters
- Flights: 158 – 608 mm dia, 70 – 600 mm pitch
- Drive: 30 – 110 rpm, 0,75 – 15 kW

Options:

- aspiration system, overflow valve with proximity switch support



'Complete Solutions in Feed Milling Industry'