

Screw conveyors are used for the transport of coarse and fine matter such as screenings, dewatered sludge and various solid materials. They can be installed horizontally or inclined to suit application requirements. In some cases vertical screw conveyors are also used for the transport of screenings and sludge. In conventional design the material is collected into the inlet hopper and is transported by a rotating screw that is situated into a trough with protective lining and lid cover. Discharge of solids is through an end shoot. Drive gear motors are positioned in either end of the screw as push or pull type. Screw conveyors are tailored to the particular application to serve system requirements taking into consideration the material to be conveyed.

## SCREW CONVEYORS



**Disclaimer:** The information contained on this data sheet is intended for general information only and should not be considered to be complete or definitive. S.K. Euromarket Ltd reserves the right to make changes at any time, without notice, to any element of the equipment presented.

### AREAS OF APPLICATION

- Water treatment
- Sewage treatment
- Industrial effluent treatment
- Solids treatment

### KEY FEATURES

- Tailor made design
- Robust construction
- Push or Pull drive
- Variable length and speed
- Adjustable inclination
- Closed lid
- Vibration free
- Intermediate bearing support
- Adjustable shaft position
- Replaceable trough lining

## TECHNICAL INFORMATION

SCREW DIAMETERS	160mm, 230mm, 310mm, other on request
SCREW LENGTH	Variable
ROTATIONAL SPEED CONTROL	Variable mechanical or electronic (optional)
CONSTRUCTION MATERIAL	Stainless steel AISI304 or AISI316



- *Adaptable receiving hopper*
- *Removable cover plates*
- *Easily replaceable end and intermediate bearings*
- *Adjustable end plates for precise positioning of screw*
- *Drain valve for cleaning*

**For further details please request the technical specifications and drawings**

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