



KOTZUR

SCREW CONVEYORS



APPLICATION

Screw conveyors can be used to transport bulk materials horizontally and up an incline. Kotzur offers two main types of screw conveyor: U-Trough, and Tubular.

FEATURES

- Fully enclosed unit.
- Suspended flight by intermediate hanger bearings for longevity.
- Suitable for weighing application with load cells.
- Suitable for metering applications (under silo or bin) with VSD.
- Suitable for material wetting applications. Optional stainless steel construction to prevent corrosion and paddle flight to improve mixing.
- Ability to customise the flighting to the requirements of your bulk material to ensure reliable flow.
- Available in U-trough or tubular cross sections.

MODEL	CROSS SECTION INSIDE DIAMETER (MM)
SC150	Ø170
SC200	Ø230
SC250	Ø280
SC300	Ø330
SC350	Ø380
SC400	Ø430
SC450	Ø480
SC500	Ø530

OPTIONS

U-TROUGH CONVEYORS

U-Trough screw conveyors are often used in long range or low incline conveying applications. They are economical and incorporate hanger bearings to reduce friction and wear. The Kotzur design enables inlets and outlets to be positioned as required by the facility. Options for reversing screw conveyors (conveying in both directions) are available, adding further flexibility to your operation.

- High quality bearings deliver high duty cycles.
- Peaked cover sheds water and dust.
- Flight can be customised to your requirements.
- Hanger bearings reduce power consumption and increase equipment life.
- All maintenance points are easily accessible.
- Clamp-style mounting points enable support trestles to adapt to the configuration of your facility.

TUBULAR CONVEYORS

Tubular screw conveyors are typically used in applications where a significant incline, or higher fill rate is required. Like U-Trough screws, tubular screws incorporate hanger bearings to reduce power requirements and wear rates to maximise the overall duty cycle. By virtue of the casing design, it is water shedding, and able to shed dust reasonably well. Reversing screws are available in a tubular casing to provide further pathing options in your facility.

- High quality bearings deliver high duty cycles.
- Flight can be customised to your requirements.
- Hanger bearings reduce power consumption and increase equipment life.
- All maintenance points are easily accessible.
- Clamp-style mounting points enable support trestles to adapt to the configuration of your facility.

WARRANTY - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.

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