

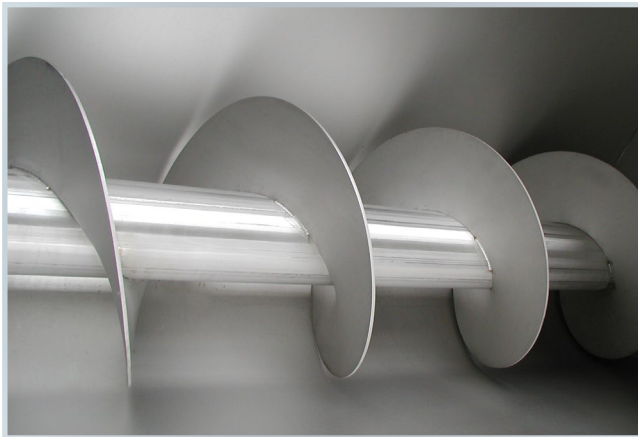
TROUGH SCREW CONVEYORS

FOR A GENTLE TRANSFER OF ANY POWDRY MATERIAL



Flexibility –
wide range of sizes &
design features

CONVEYING SYSTEMS | TROUGH SCREW CONVEYORS
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Special advantages of the trough screw conveyors:

- Flexibility – wide range of sizes & design features
- Customized solutions
- Exact design to minimize material residue

Functional principle:

The material is fed into the product inlet and is then gently conveyed through the screw conveyor by the helix blades. The throughput is determined by the rotational speed and can be controlled with a variable frequency drive.

By carefully selecting the correct design parameters one can convey almost any powdery material with a tubular screw conveyor.

Various design implementations yield optimized solutions for various customer requirements. Examples are fast and easy cleaning features, air purge fittings for meeting highest hygienic standards, and the usage of the fit material and surface finish for the corresponding application at hand.

Design:

- Aspiration connection
- Inlet Sockets for conveyor feed consists of conveyor discharge and drive station incl. geared motor
- Special DAXNER shaft seal including shaft sealing rings with food grade grease filling
- Stainless steel AISI 304
- Surface: pickled and passivated

Option:

- Optional fast disassembly features allow for quick cleaning and inspection without the use of tools
- Optional design for the foods-, animal feed-, chemical- & plastics-industries
- Optional dust explosion rated design (ATEX)

Daxner GmbH
Vogelweiderstrasse 41
4600 Wels/Austria

Tel.: +43 / 7242 / 44 227-0
Fax: +43 / 7242 / 44 227-80
office@daxner.com

Daxner GERMANY GmbH
97922 Lauda-Königshofen/Germany

Daxner UK
Daxner USA
Daxner SOUTH-EAST ASIA
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