

## Screw Conveyors

Are essential parts of many Conveying systems dealing with powdered or granular materials, the most popular configurations of screw U-trough types are continuously developing to provide our customers with a wide range of options to suit every application and a design that ensures easy assembly, installation and maintenance.

### Main features

#### Drive station

- Power Calculated according ISO 5048
- Selected according to capacity/ operation/ equipment dimension and speed
- Service factor not less 1.2

#### Covers

Covers made from carbon steel, tight against dust and water and supplied to be easy assembled

#### Outlet

The equipment with complete sealed outlet lined with lining material suitable for conveying material

#### Screw Flights

- Troughs are available in several standard designs. Standard lengths should be used wherever possible.
- Compact, manufactured straight and accurate in helicoid, sectional

#### Bearings

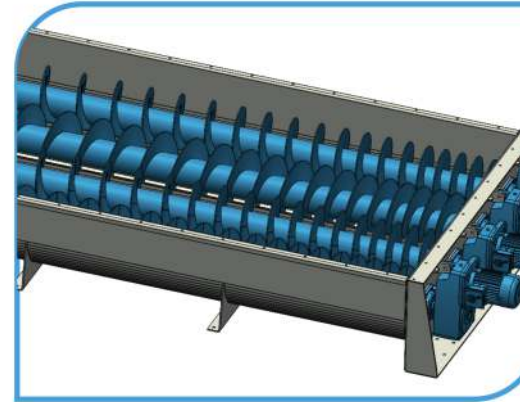
Equipment applied with heavy duty Bearing units selected based on design calculations

#### Lining

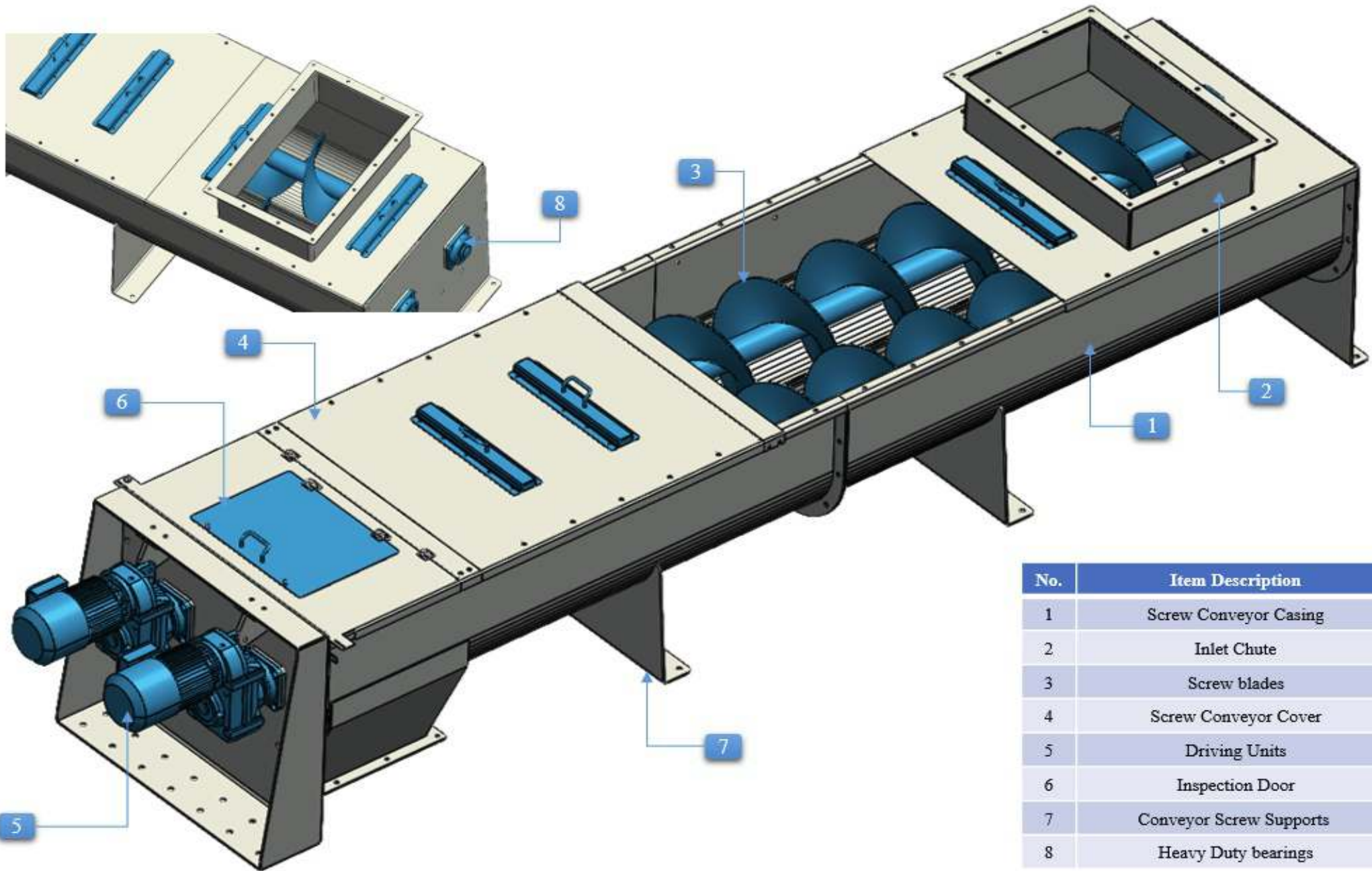
Equipment applied with side and bottom with different lining material selected according to the conveyed material specifications

#### Accessories

- Rotation Sensor.
- Service switch for maintenance put beside the driving motor
- Over flow sensor to switch off the machine atomically in the event of material overflow.



<b>Capacity (m<sup>3</sup>/Hr.)</b>	Up To 1200 (m <sup>3</sup> /Hr)	<b>Length (m)</b>	Up to 25
<b>Width (m)</b>	Up To 5	<b>Hight (m)</b>	Up to 2
<b>Rotational speed</b>	Up to 100 (Rev/min)	<b>Casing Surface Treatment "Acc. to application"</b>	Painted Hot-dip galvanized Stainless steel



No.	Item Description
1	Screw Conveyor Casing
2	Inlet Chute
3	Screw blades
4	Screw Conveyor Cover
5	Driving Units
6	Inspection Door
7	Conveyor Screw Supports
8	Heavy Duty bearings