

# Stainless Steel Tubular Screw Conveyors for Food Application

TXF



# UNCOMPROMISING FINISHING QUALITY

The TXF Tubular Screw Conveyor system offers a variety of solutions for conveying or feeding powdery or granular materials. TXF Tubular Screw Conveyors are suitable for applications in which any contamination of the material handled has to be strictly avoided and where absolute cleanliness and perfect resistance to corrosion are required.

In particular, TXF Tubular Screw Conveyors are used in environmental technology, in flour and animal feed milling, in food processing and packaging, in plastics and chemicals, as well as in the pharmaceutical industry.

## Technical Features

- Standard 304 L or 316 L stainless steel
- End bearing assemblies with shaft, roller bearings and externally adjustable packing glands
- External shaft couplings
- Minimised residue
- Food-grade finishing (surface roughness < 0.8 µm)
- Variable pitch flight
- Quick opening
- Crack and crevice-free
- ATEX zone 21 and 22

## Configuration



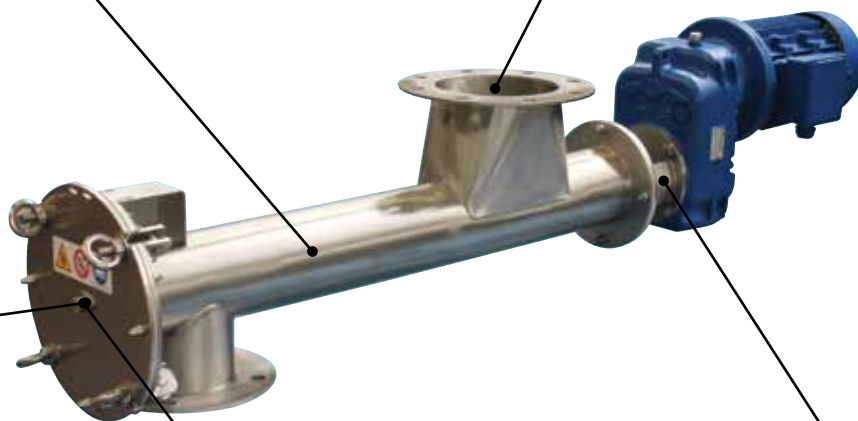
Conveyor Screw



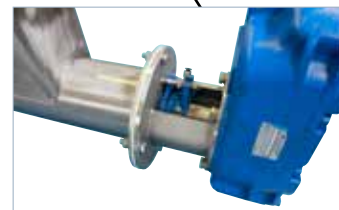
Cylindrical Flanged  
Inlet Spout



Hollow Shaft End Bearing



Quick Pin Coupling

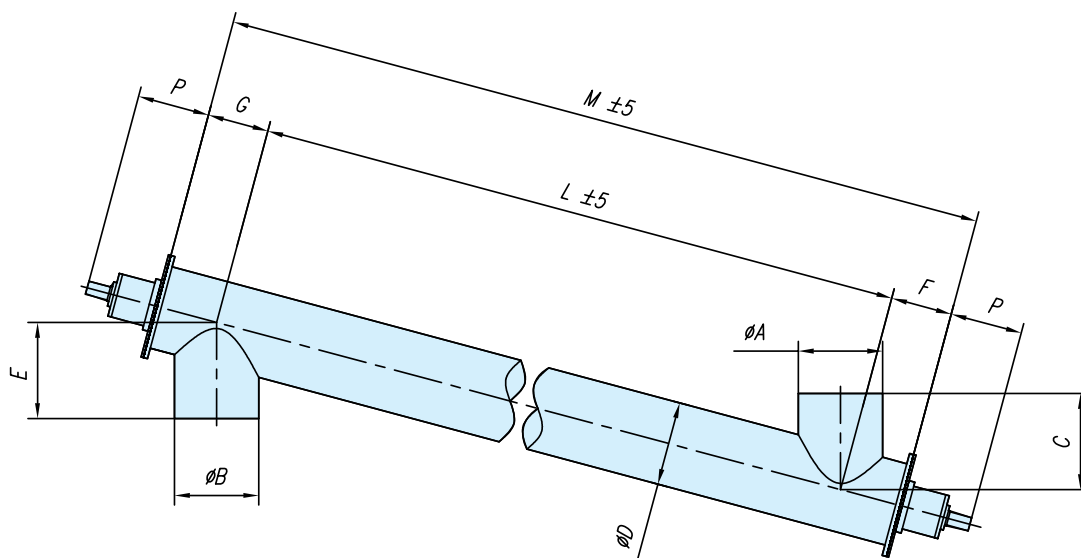


Hollow Shaft Drive

## Benefits

- ✓ Minimum residue;
- ✓ High feeding precision;
- ✓ Extended durability;
- ✓ Wide range of adjustable shaft seals with packing glands or air/gas-purged;
- ✓ Easy inspection;
- ✓ Hygienic finishing design.

## Overall Dimensions



Type	80	100	120	150	200	250	300
Ø A	89	114	139	168	219	273	323
Ø B	89	114	139	168	219	273	323
C	1)						
Ø D	89	114	139	168	219	273	323
E	1)						
F	140	140	140	160	180	220	220
G	120	120	120	140	160	180	220
L 2)	STD	500:2040	500:3040	500:3040	500:3500	500:3160	560:4860
	ATEX	500:2040	500:2140	500:2740	500:2700	500:2660	560:3060
M	L + F + G						
P	114	114	114	124	124	124	124

1) See inlet/outlet spouts in catalogue

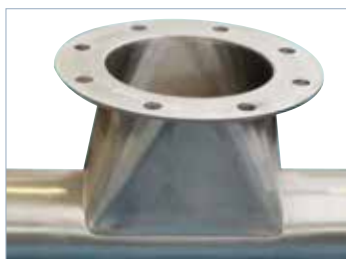
2) Rounded up to 10 mm

Dimensions in mm

## Accessories



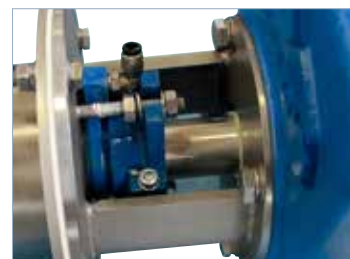
Tapered Inlet Spout



Shoe Inlet



Square or Rectangular Inlet Spout



Purged Chamber Sealing

# Application

