

Plastics Processing Screw Feeders TX-310



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Description ▼

TX-310 Tubular Screw Feeders, which are manufactured in stainless steel with a suitable surface finishing grade appropriate for the application in the plastics processing industry, are highly versatile. Manufacture of the fabricated components is carried out on machines that guarantee a perfectly smooth surface due to which material residue is reduced to the minimum.

The screw feeders are made up from a tubular trough which is equipped with an inlet and an outlet spout, an end plate at each tube end, helicoid screw flighting welded on a centre pipe with a coupling bush at each end, two end bearing assemblies complete with air or gas-purged, adjustable shaft sealing unit. Furthermore, the screw feeders are equipped with a gear motor suitable for the application.

TX-310 Tubular Screw Feeders come without intermediate bearings.

Function ▼

TX-310 Tubular Screw Feeders are usually installed under a silo or FIBC (Bulk Bag) discharger to feed powdery or granular materials into a weigh hopper. They are suitable for applications in which any contamination of the material handled has to be strictly avoided.



Application ▼

The application in the photograph shows a TX-310 Screw Feeder installed beneath a ribbon blender to transfer the mixed product into a pneumatic conveying system.

Benefits ▼

- ✓ Comfortable cleaning and maintenance;
- ✓ Minimum residue;
- ✓ High feeding accuracy;
- ✓ Vast range of options and accessories;
- ✓ Attractive price.

Plastics Processing

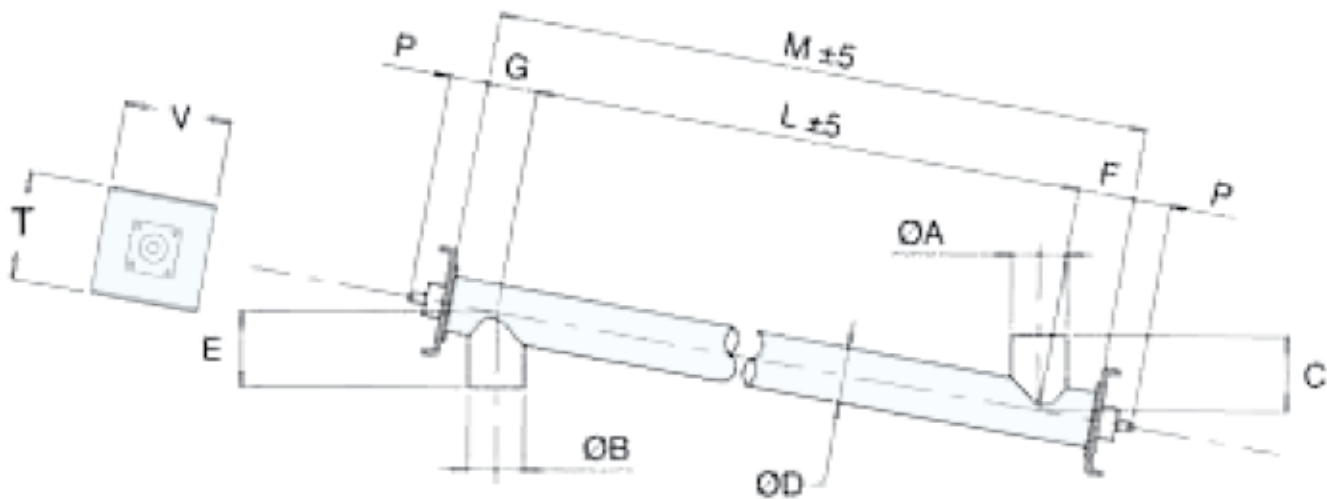
Screw Feeders TX-310



Technical Features / Performance ▼

- ▶ All fabricated parts manufactured from stainless steel
- ▶ Air or gas-purged shaft sealing units for maximum material protection against contamination
- ▶ Easily accessible inspection hatches
- ▶ Modular design
- ▶ ATEX Zone 22 certification

Overall Dimensions ▼



Type	100	120	150	200	250	300
Ø A	114	139	168	219	273	323
Ø B	114	139	168	219	273	323
C	1)					
Ø D	114	139	168	219	273	323
E	1)					
F	140	140	160	180	220	220
G	120	120	140	160	180	220
L	2)					
M	L + F + G					
P	114	114	124	124	124	124
T	280	280	280	355	410	465
V	265	265	265	315	365	435

Dimensions in mm

This datasheet might not show the complete range but only the models most suitable for the application.