

Paint & Varnish Processing

Heavy-duty tubular Screw Conveyors TP-TE



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Description ▼

TP and TE Tubular Screw Feeders are manufactured in carbon steel with a suitable surface finishing. They are made up from a tubular trough that is equipped with at least one inlet and one outlet spout, a welded flange 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 self-adjusting shaft sealing unit, a number of intermediate hanger bearings depending on the overall length of the machine. Furthermore, TU Tubular Screw Feeders are equipped with a gear motor that suits the application.

Function ▼

TP / TE Tubular Screw Conveyors are used for both batch and continuous operation in applications where durability and easy replacement of those conveyor components that are subject to wear are among the main requirements.



Application ▼

TP and TE screw conveyors are the perfect solution to:

- Transfer sand from screens to storage silos;
- Feed sand and other additives from silos to the weigh hopper
- Feed and transfer drymix material from the mixer to the storage or dosing system

Benefits ▼

- ✓ **Modular design offers a great variety of options suitable for numerous applications;**
- ✓ **High manufacturing reliability and less maintenance frequency;**
- ✓ **High feeding accuracy;**
- ✓ **Easy maintenance**
- ✓ **Durable components for abrasive materials.**

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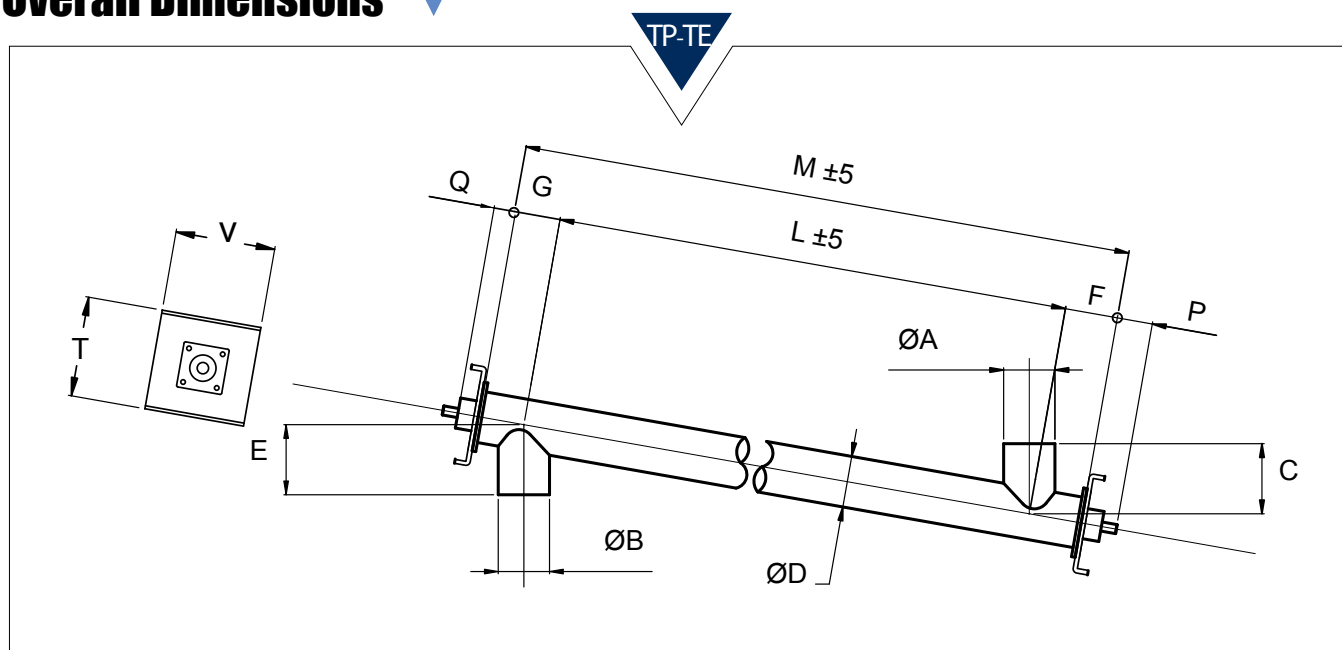
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Technical Features / Performance ▼

- ▶ Outside Tube Ø: from 114 to 558 mm
- ▶ Flight in wear-resistant material and increased thickness
- ▶ Robust mechanical components
- ▶ Shoe inlet spouts
- ▶ Square, tapered or cylindrical inlet
- ▶ Optimised feed rates

Overall Dimensions ▼



TYPE	114 (*) mm	139 (*) mm	168 (*) mm	219 mm	273 mm	323 mm	406 mm	457 mm	558 mm	660 mm
OA	114	139	168	219	273	323	406	457	558	660
OB	114	139	168	219	273	323	406	457	558	660
C	see technical catalogue									
OD	114	139	168	219	273	323	406	457	558	660
E	see technical catalogue									
F	140	140	160	180	220	220	270	280	340	430
G	120	120	140	160	180	220	280	320	360	450
L	see technical catalogue									
M	L + F + G									
P	156	156	182	182	225	233	233	267	310	310
Q	114	114	124	124	143	151	151	162	180	180
T	280	280	280	355	410	465	535	590	740	900
V	265	265	265	315	365	435	485	540	655	755

(*) Available only as TP version

Dimensions in mm

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