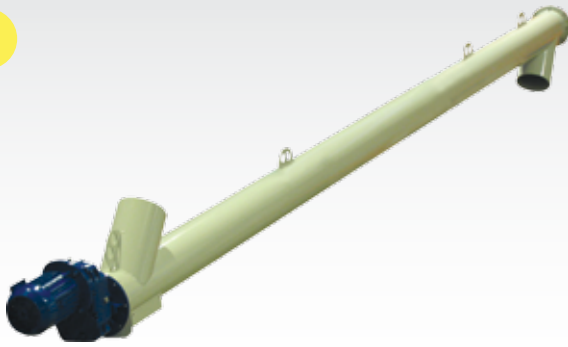# Concrete Production
Microsilica Screw Feeders TU

2

Description ▼

TU 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 ▼

TU Tubular Screw Feeders are highly versatile and offer a variety of standard solutions for handling powdery materials. Depending on the characteristics of the material, different feeder models are available in concrete production for handling microsilica (silica fume).

Application ▼

To feed microsilica from a silo into a separate weigh hopper the TU-type Screw Feeder should be installed at a fairly flat angle. It is advisable to avoid intermediate bearings when planning the plant layout.

Benefits ▼

- ✓ **Modular design offers a great variety of options suitable for numerous applications;**
- ✓ **Durable under extreme conditions;**
- ✓ **High feeding accuracy;**
- ✓ **Vast range of options and accessories;**
- ✓ **Attractive price.**
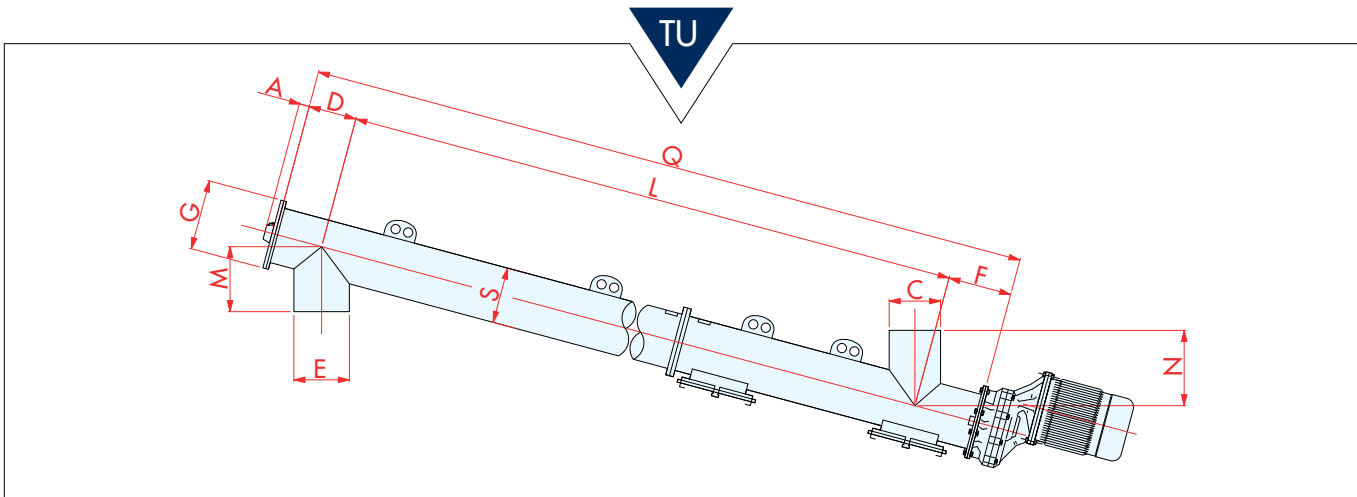
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Concrete Production
Microsilica Screw Feeders TU

Technical Features / Performance ▼

▶ Outside Tube Ø: 219 mm or 273 mm
▶ Angle of installation: ≤ 25°
▶ Length centre inlet – centre outlet: ≤ 7.5 m (from 4.5 m with enclosed hanger bearing, type XLY)
▶ Direct M-type drive
▶ Inlet end bearing seal c/w long-life grease lubrication (PROT 05)

Overall Dimensions ▼

Ø S	219	273
A	40	40
C	on request	
D	160	180
E	on request	
F	180	220
L	on request	
G	275	330
M	on request	
N	see WAM® - standard	
Q	L + D + F	

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