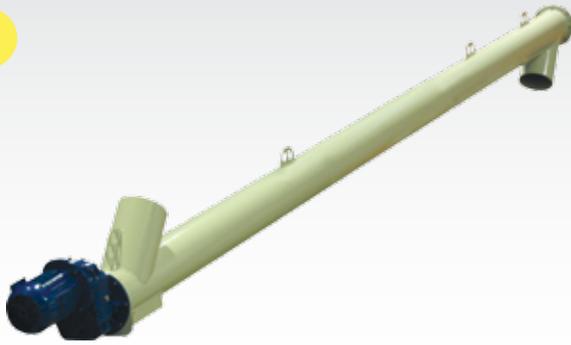


Concrete Production

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.**

Concrete Production

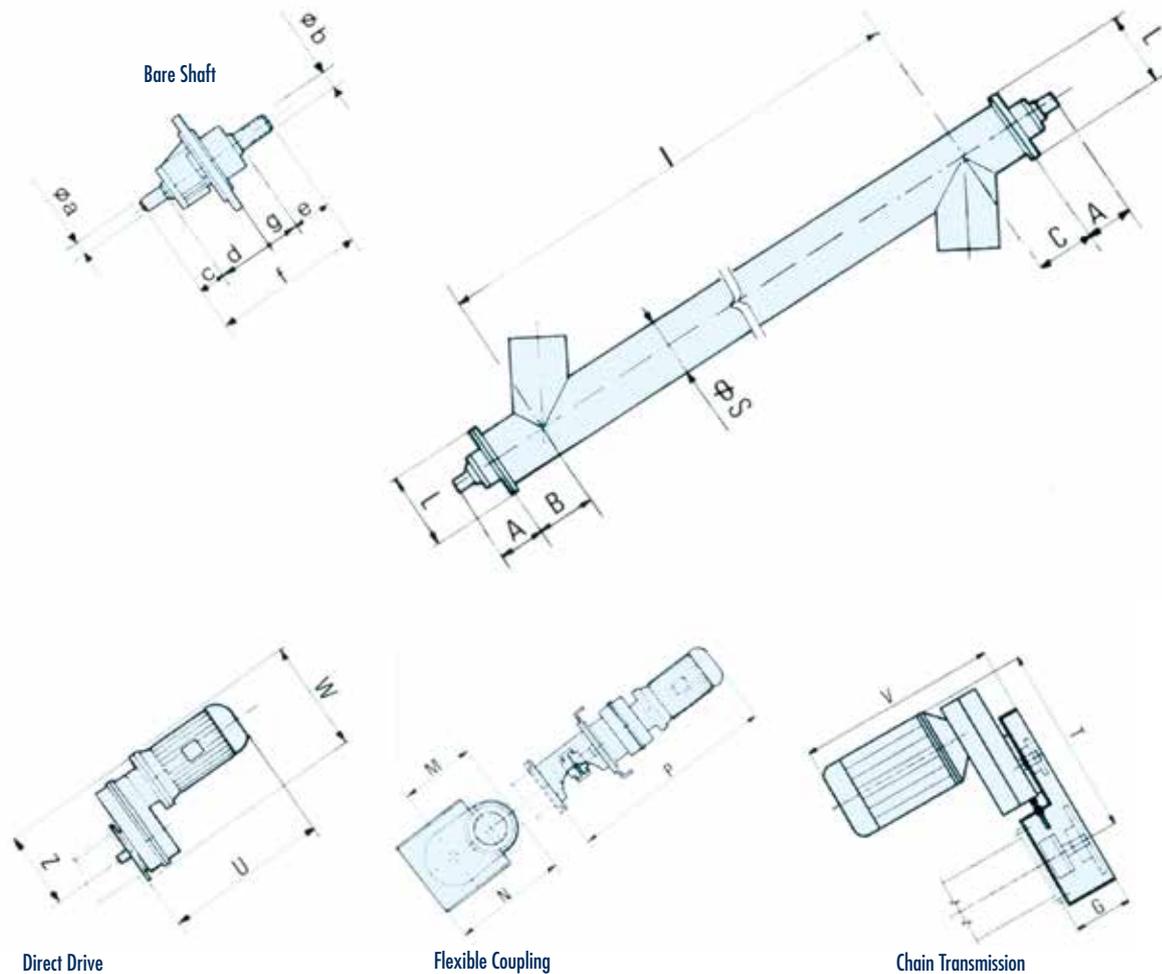
Microsilica Screw Feeders TU



Technical Features / Performance ▼

- ▶ Outside Tube Ø: 219 mm or 273 mm
- ▶ Angle of installation: $\leq 25^\circ$
- ▶ 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 ▼



Direct Drive

Flexible Coupling

Chain Transmission

Ø SCREW	A	B**	C**	G	I	L	M	N	P	S	T	U	V	W	Z	a	b DIN 5482	c	d	e	f	g
114	131.0	140	120	150		190	268	413	790	114	600	559	600	368	268	25	28 x 25	50	81.0	65	250	54.0
139	131.0	140	120	150		190	268	413	790	139	600	559	600	368	268	25	28 x 25	50	81.0	65	250	54.0
168	172.5	160	140	190		250	330	450	890	168	650	581	650	420	305	35	40 x 36	55	117.5	85	330	72.5
193	172.5	170	150	200	*	280	376	450	890	193	775	581	760	420	305	35	40 x 36	55	117.5	85	330	72.5
219	172.5	180	160	200		275	400	490	890	219	775	581	760	420	305	35	40 x 36	55	117.5	85	330	72.5
273	172.5	220	180	200		330	400	520	890	273	820	581	780	420	305	35	40 x 36	55	117.5	85	330	72.5
323	172.5	220	220	200		330	400	645	1180	323	850	868	780	540	400	35	40 x 36	55	117.5	85	330	72.5

* Full selection of lengths available, by multiples of 10 mm

**Valid for round inlet and outlet spouts. For square or rectangular inlets and outlets check in the TU-catalogue or contact our local sales office.

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



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