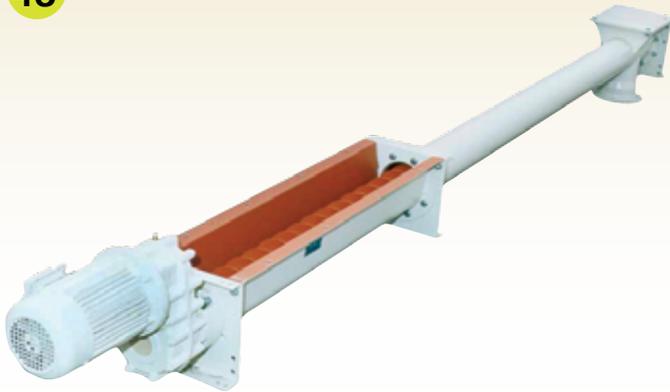


Flour Milling

Single Shaft Screw Feeders SU

43



Description ▼

According to the cross section of the silo outlet, SU-type Single Shaft Screw Feeders are available with standard U-shaped or with flared V-section trough. For flour milling and similar products a heavy-duty version is recommended.

Function ▼

| Feeding poorly flowing or packing materials (flour, derivatives and mineral additives, cereals, coarse powders, fine powders, mash, bran)



Applications ▼

SU Single Shaft Screw Feeders are designed specifically for flour milling milling. Mostly they are fitted under silos for flour feeding, connected to the outlet of a bin activator. The spout between the bin activator and the screw feeder is usually equipped with a level indicator. For feeding bran or other by-products the SU Single Shaft Screw Feeders is directly connected to the silo.

Benefits ▼

- ✓ Easy access for cleaning if equipped with drop-bottom trough;
- ✓ Easy maintenance;
- ✓ Low material residue;
- ✓ Low risk of packing at discharge;
- ✓ Easy integration into the plant.



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



www.wamgroup.com

Flour Milling

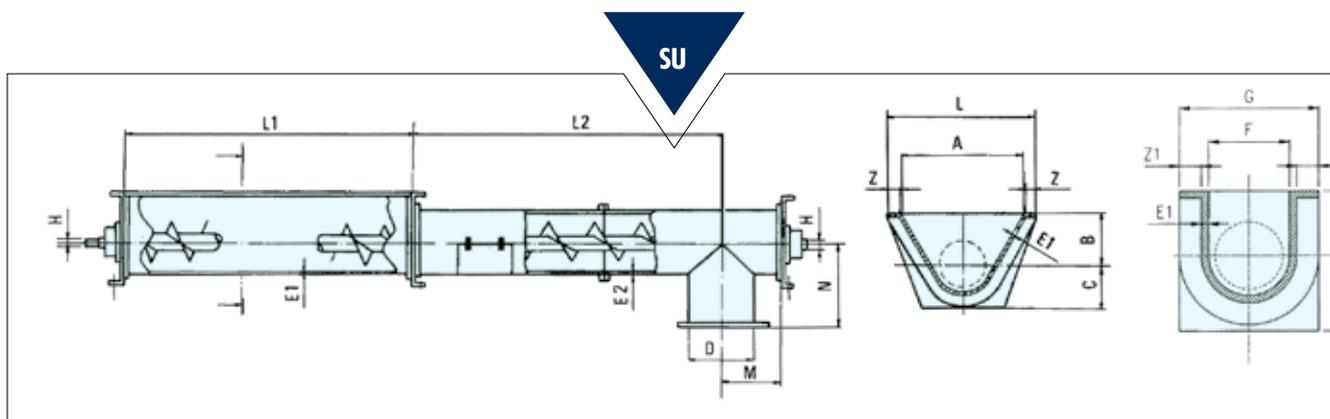
Single Shaft Screw Feeders SU



Technical Features / Performance ▼

- ▶ Wide range of screw diameters from 100 to 400 mm;
- ▶ Feed rates from 10 to 100 m³/h;
- ▶ High quality finishing;
- ▶ Direct drive connected with screw;
- ▶ Intermediate bearings with self-lubricating polymer bushes;
- ▶ End bearing assembly equipped with long-life lubricated bearings;
- ▶ Adjustable Teflon[®] shaft seals;
- ▶ Reduced clearance between screw and trough;
- ▶ Outlet spout with large opening for improved discharge;
- ▶ Wide range of accessories and options: drop-bottom trough, inspection hatches, rotation detectors, coupling transmission, chain transmission, belt transmission, emergency stop device at feeder outlet end.

Overall Dimensions ▼



Screw Ø	Trough U-V		Tubular Trough Ø															
	L1	E1	Ø	E2	L2	A	B	C	D	F	G	H	L	M	N*	Q	Z	Z1
100	500 750 1,000	2	114	3	VAR.	175	115	145	114	-	-	25	265	120	120	-	40	-
120	500 750 1,000	2	139	3	VAR.	175	115	145	168	-	-	25	265	120	210	-	40	-
150	500 750 1,000 1,250	2	168	4	VAR.	375	175	145	168	175	265	35	485	140	175	115	50	40
200	500 750 1,000 1,250	2	219	4	VAR.	425	200	185	219	225	315	35	540	160	205	135	50	40
250	500 750 1,000 1,250	2	273	4	VAR.	525	225	215	273	275	365	35	655	180	250	160	60	40
300	500 1,000 1,250 1,500	3	323	4	VAR.	525	250	245	323	325	435	55	655	220	300	195	60	50
350	1,000 1,250 1,500	3	406	5	VAR.	625	270	275	406	375	485	55	755	280	360	235	60	50
400	1,000 1,250 1,500	3	457	5	VAR.	730	290	305	457	425	540	55	900	320	420	270	80	50

Dimensions mm

* For cylindrical outlet (in compliance with WAM[®] standard)



www.wamgroup.com