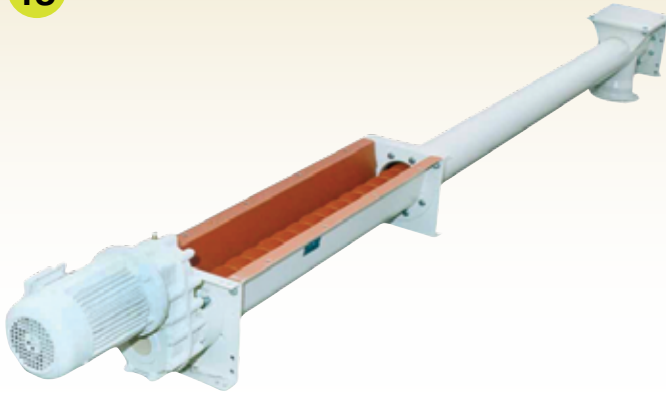


# Flour Milling

## Single Shaft Screw Feeders SU

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### 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. 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.

# Flour Milling

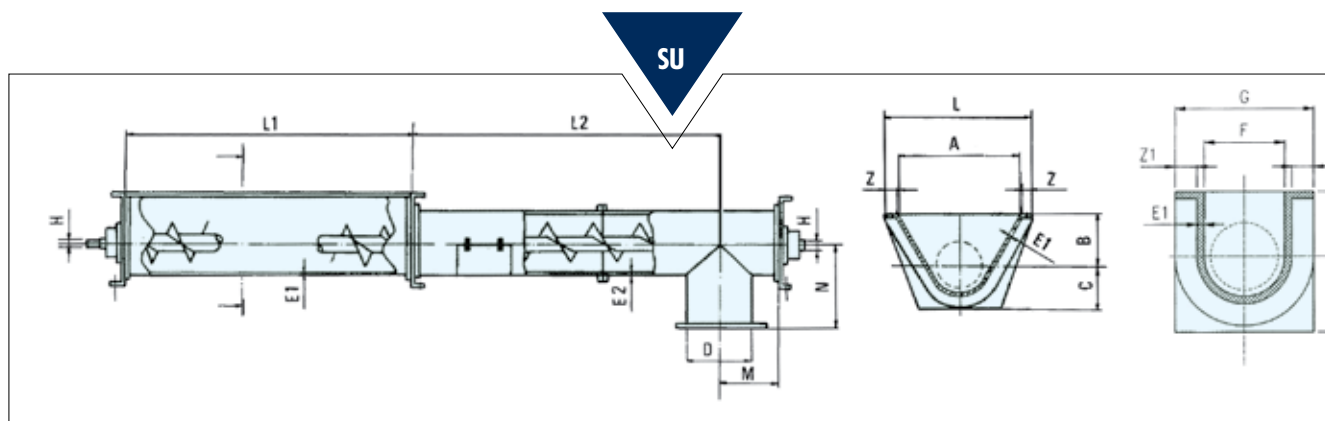
## Single Shaft Screw Feeders SU



### Technical Features / Performance ▼

- ▶ Wide range of screw diameters from 100 to 400 mm;
- ▶ Feed rates from 10 to 100 m<sup>3</sup>/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)



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