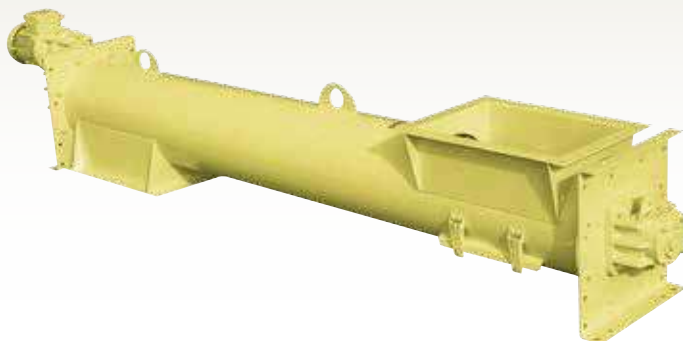


Animal Feed Milling

Tubular Trough Screw Conveyors and Feeders CAO

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Description ▼

CAO Screw Conveyors and Feeders, in their standard configuration, consist of:

- gear reducer direct-mounted, with chain, with belt or with coupling transmission
- inlet spout: round, square, rectangular or variable cross section,
- cylindrical section casing in modular lengths made from mild steel
- flanged end bearing assembly at the opposite end of the power transmission

CAO Tubular Trough Screw Conveyors and Feeders are available in carbon steel with a food-grade powder-coated finish.

Function ▼

Conveying and feeding flours or poorly flowable or packing materials (flour derivatives and mineral additives, cereals, coarse powders, fine powders, mash, bran).



Application ▼

CAO Tubular Trough Screw Conveyors and Feeders are specially designed for flour and meals used in animal feed milling plants. The most typical application for CAO is under bins or silos beneath the bin activator outlet.

Benefits ▼

- ✓ Easy to clean when equipped with drop-bottom trough;
- ✓ Quick and easy maintenance;
- ✓ Low material residue;
- ✓ Minimum risk of packing at discharge;
- ✓ Easy to integrate into the plant.

Animal Feed Milling

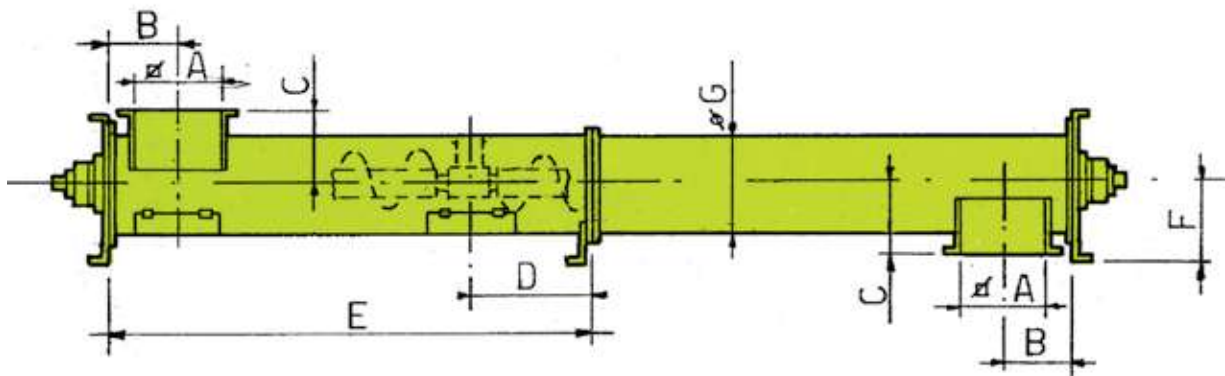
Tubular Trough Screw Conveyors and Feeders CAO



Technical Features / Performance ▼

- ▶ Wide range 100 to 500 mm;
- ▶ Throughput/feed rates: 10 to 100 m³/h;
- ▶ High-quality finish-grade;
- ▶ Gear reducer directly connected with the screw;
- ▶ Intermediate bearing with self-lubricating plastic bush;
- ▶ End bearing with self-lubricating bearings;
- ▶ Adjustable packing gland made of Teflon®;
- ▶ Variable feeding pitch;
- ▶ Reduced clearance between screw and trough;
- ▶ Wide range of accessories and options: drop bottom trough, inspection hatches, rotational indicator bracket, coupling transmission, chain transmission, emergency stoppage device.

Overall Dimensions ▼



Screw Ø	A	B	C	D	E (max)	F	G
100	175	230	130	200	3,300	145	114
120	175	230	130	200	3,300	145	139
150	175	230	140	200	3,300	145	168
200	225	260	165	200	3,300	185	219
250	275	280	195	200	3,300	215	273
300	325	320	225	300	3,800	245	323
350	375	340	265	300	3,800	275	406
400	425	370	295	300	3,800	305	457
500	525	430	350	300	3,800	380	558

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