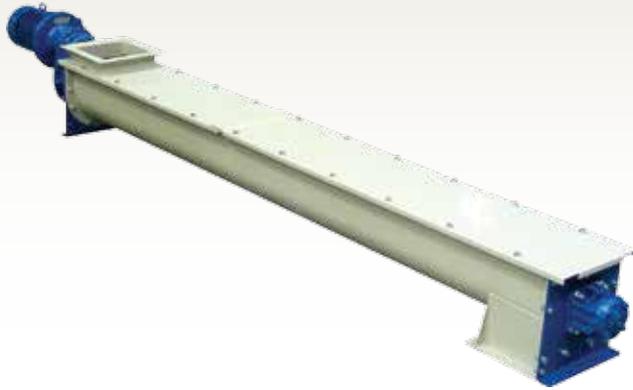


# Animal Feed Milling

## Screw Conveyors CA

1



### Description ▼

The CA is a Screw Conveyor with a U-shaped trough.

In its basic configuration it consists of:

- Direct drive with offset chain transmission or belt transmission;
- Intermediate hanger bearings suitable for the purpose;
- Shaft couplings splined, or splined and bolted, or bolted only;
- Flanged end bearing assemblies;
- Adjustable packing seals;
- Fabricated parts in powder-coated mild steel or 304 stainless steel.
- ATEX-compliant

### Function ▼

| Conveying flour, or dry or moist cereals.



### Applications ▼

CA Trough Screw Conveyors are used in animal feed processing plants in the following applications: cleaning, repose, milling, bagging and storage of flour and by-products (bran and middlings). In particular, they are used:

- for conveying materials discharged from bucket elevators for transfer to feed hoppers of bagging machines;
- for conveying dry cereals.

### Benefits ▼

- ✓ Easy access for cleaning, especially with drop-bottom trough version;
- ✓ Quick maintenance;
- ✓ Low material residue;
- ✓ No risk of material blockage at outlet;
- ✓ Highly reliable;
- ✓ Easy integration into the plant.



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# Animal Feed Milling

## Screw Conveyors CA

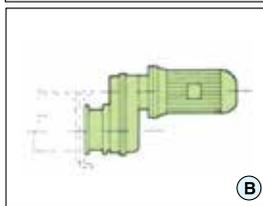
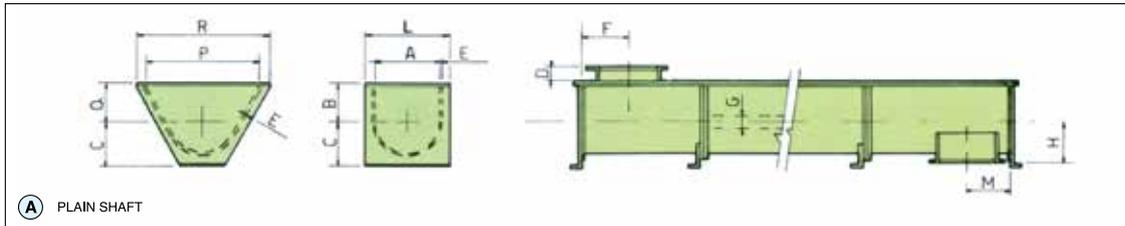


### Technical Features / Performance ▼

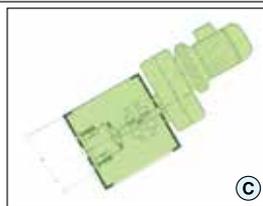
- ▶ Wide range of screw diameters from 150 to 500 mm;
- ▶ Throughput rates up to 100 m<sup>3</sup>/h;
- ▶ Up to 25 m long;
- ▶ Accurate finishing without steps or niches;
- ▶ Adjustable Teflon<sup>®</sup> shaft seals;
- ▶ Drop-bottom trough over entire length (on request);
- ▶ Drive unit directly connected to screw;
- ▶ End bearing assembly equipped with long-life lubricated bearings;
- ▶ Wide range of accessories and options: inspection hatches, overflow hatches with safety grid, anti-stoppage membrane hatches, additional outlet spouts, trough feet, rotation control detector, coupling or chain transmission, emergency stoppage device.

### Overall Dimensions ▼

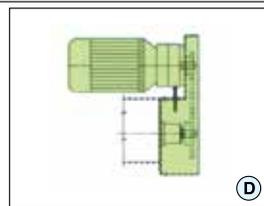
#### HEAVY-DUTY VERSION



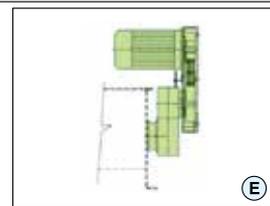
DIRECT DRIVE



FLEXIBLE COUPLING



CHAIN TRANSMISSION



PULLEY DRIVE

CONVEYOR Ø	A	B	C	D	E	F min	G	H	L	M	P	Q	R
100	—	—		60	3	88	48	130	—	170	175	115	265
120	—	—		60	3	88	48	130	—	170	175	115	265
150	175	115		60	3	88	60	130	265	170	375	175	485
200	225	135		60	3	113	60	165	315	195	425	200	540
250	275	160		60	3	138	60	195	365	220	525	225	655
300	325	195		60	4	163	114	225	435	260	525	250	655
350	375	235		60	4	188	114	255	485	290	625	270	755
400	425	270		80	4	213	114	285	540	340	730	290	900
500	525	340		80	4	263	114	340	655	390	830	340	1,000

Dimensions in mm

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



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