

# Concrete Production

## Cement Screw Feeders ES



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### Description ▼

ES Screw Feeders are manufactured in carbon steel with a suitable surface finishing and powder coating. 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 (one of the bearing assemblies incorporated in the drive unit), a number of intermediate hanger bearings depending on the overall length of the machine. Furthermore, ES Screw Feeders are equipped with a gear motor that suits the application.

### Function ▼

| ES Screw Feeders are used for cement feeding and also in Dry Batch plants for feeding from the weigh hopper outlet into the track mixer.



### Application ▼

In over forty years the ES-type Screw Feeder has become a synonym for cement feeding and conveying in concrete batching plants all over the world. In this period WAM® has supplied more than half a million units. After the turn of the new millennium it has become hard to find a batching plant manufacturer anywhere in the world who would not appreciate the unrivalled technical features and quality of the ES.

### Benefits ▼

- ✓ **Extremely durable;**
- ✓ **Maintenance-free intermediate bearings;**
- ✓ **Quick, versatile installation thanks to innovative ball-jointed universal inlets and outlets;**
- ✓ **Perfectly matching spare parts thanks to industrial manufacturing process;**
- ✓ **Worldwide technical support and spare parts supply.**

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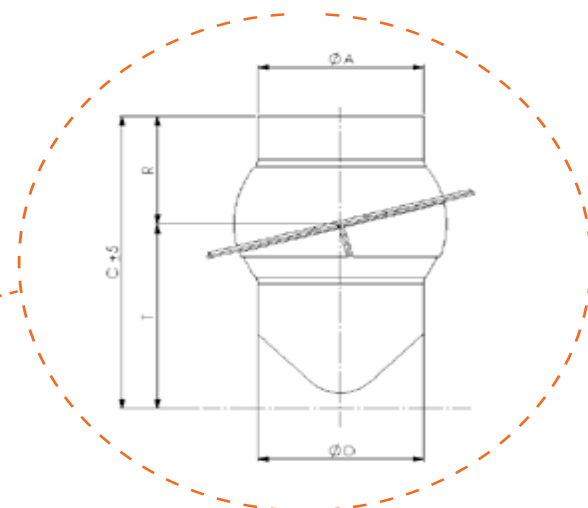
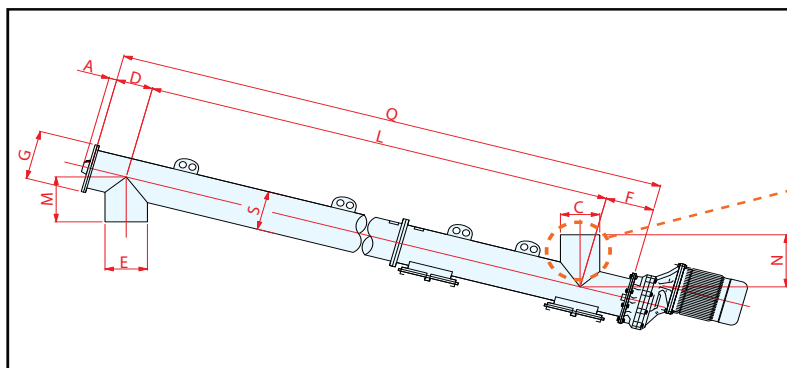
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### Technical Features / Performance ▼

- ▶ Powder-coated
- ▶ 7 outside tube diameters
- ▶ Outside tube complete with welded end flanges, one inlet, one outlet, inspection hatch beneath the first inlet and beneath each intermediate hanger bearing
- ▶ Tubular housing in standardized flanged sections with one section made to measure
- ▶ Helicoid screw flighting welded on centre pipe
- ▶ End bearing assemblies complete with self-adjusting shaft sealing unit
- ▶ Splined shaft couplings
- ▶ Lifting eyelets on each tube section
- ▶ Standard flange-mounted electric motor
- ▶ Maintenance-free aluminium-cast intermediate hanger bearings with self-lubricating slide bushes
- ▶ Small diameter → great efficiency → high feed rates
- ▶ Small overall dimensions, compact design
- ▶ Reduced number of components and spare parts

### Overall Dimensions ▼



Ø S	114	139	168	193	219	273	323
A	56	56	40	40	40	40	40
C	on request						
D	120	120	140	150	160	180	220
E	on request						
F	140	140	160	170	180	220	220
L	on request						
G	190	190	250	250	275	330	405
M	on request						
N	see WAM® - standard						
Q	L + D + F						

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