

# BUCKET ELEVATOR TYPE E300



The Bucket elevator type E300 is made of standard elements which, through combination, can easily be fitted into any conveying installation.

The JEMA AGRO bucket elevator is made of galvanised steel, which makes it particularly suitable for outdoor applications. It works effectively and has low power consumption in relation to its capacity. We have designed the machine to be stable in tall versions and to be capable of running continuously for many hours. The bucket elevator is designed for industrial transport of grain, granulates, and other bulk goods. Regarding capacity, the elevator is designed for lifting materials from a JEMA intake conveyor to a JEMA chain conveyor. The upward and downward side of the bucket elevator can be fed with the same capacity.

#### Standard equipment:

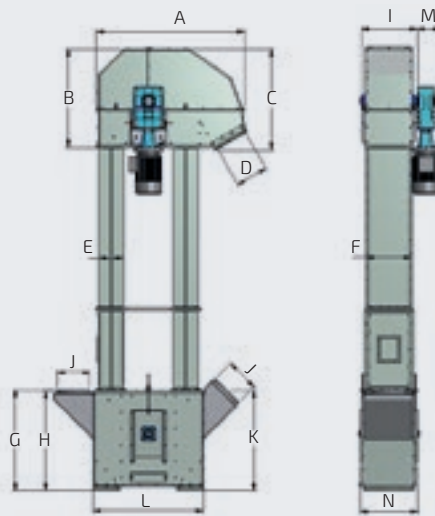
- Directly mounted gear motor
- Torque arm for shock absorption
- Wear plate in elevator head
- Removable elevator top
- Self cleaning drive/ tightening drum
- Tightening function in elevator boot
- Cleaning hatch in elevator boot
- Elevator feet
- Inlet piece 90°
- Elevator extension with inspection cover
- Back stop
- Speed control monitor
- Antistatic belt with steel bucket

#### Accessories:

- Cover for geared motor
- Inlet piece 45° and 3-way inlet
- 2-way switch 45°/90°, transition pieces and pipe
- Inlet shutter
- Aspiration socket
- Misalignment sensor
- Explosion outlet
- Oil resistant belt
- Extra feet
- Service platform, ladder, and resting platform



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## Dimensions E300 Bucket elevator:

	A	B	C	D	E	F	G	H	I	J
E300	1820	1200	1250	400x400	300	558	1235	1230	675	Ø400

	K	L	M	M	M	M	M	M	N
			7,5 kW	11 kW	15 kW	18,5 kW	22 kW	30 kW	
E300	1250	1350	300	300	300	300	350	350	705

## Technical specifications:

	E300
Capacity based on 750 kg/m <sup>3</sup> (wheat) t/h	225 t/h
Capacity m <sup>3</sup> /h	300 m <sup>3</sup> /h
Rotation speed	112 RPM
Belt speed	3,75 m/s
Drum diameter	Ø640
Bucket with belt	6 pcs
Bucket volume, horizontal/max	5,86/7,6 liters
Material thickness, buckets	2,5 mm
Belt width	400 mm
Belt type/standard	EP630/5
Plate thickness, head	4/3 mm
Plate thickness, boot	4/3 mm
Plate thickness, extension	2 mm

