

PETKUS bucket elevators are used for the vertical transport of granular and free flowing bulky products, e.g. grain, pulses, oilseeds and similar agricultural products.

Advantages:

- Modular design through duct lengths of 500 mm, 1000 mm and 2000 mm
- Easy assembly and maintenance
- Suitable for the transport of seed (option)
- Optimal transport for each product through the individual adaptation of the bucket elevator (different bucket designs, speed adjustment, motor capacity etc.)
- Low space requirement because of the compact design

Description:

The product to be conveyed is vertically transported from the inlet in the elevator foot up to the outlet spout in the elevator head. The transport is performed by a bucket system screwed on the conveying belt.

Construction:

The bucket elevator is equipped with an elevator head, elevator foot, and the elevator ducts. A gear motor drives the conveying belt with the buckets over a belt pulley in the elevator head. A second belt pulley in the elevator foot is used as a tail pulley and for tightening the conveying belt. The lower belt pulley is designed as a tail pulley in order to avoid breaking and damaging the product.

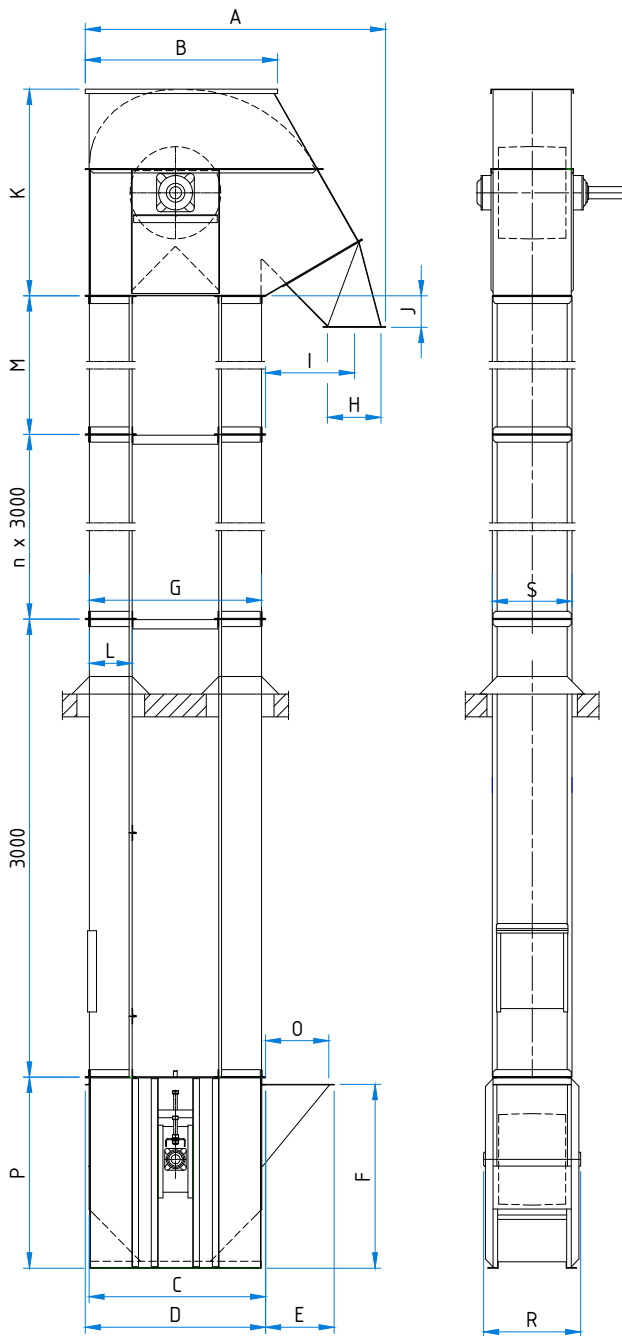
Standard Equipment:

- Galvanized sheet steel
- Elevator head with drive unit, back stop device and outlet
- Elevator foot with one-sided inlet clamping device and discharge slide
- Elevator ducts including conveying belt and bucket system

Options:

- Speed monitoring
- Off-track running sensor
- Dust extraction pipe
- Capacity slide
- Model for the transport of seed
- Elevated elevator foot with discharge box
- Platform with ladder
- Explosion relief in various models

Bucket Elevator Type BE 370 / BE 660 / BE 900



Type	A	B	C	D	E	F	G	H	I	J	K	L	O
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
BE 370	2045	1240	1140	1220	460	1205	1145	350x350	590	150	1400	285	420x460
BE 660	2325	1470	1340	1420	590	1456	1345	400x600	665	175	1646	328	550x750
BE 900	2323	1470	1340	1420	590	1456	1345	400x600	665	175	1646	328	550x1000

	Diameter belt disc, mm	P	R	S
BE 370	600	1250	710	550
BE 660	750	1500	1000	840
BE 900	750	1500	1250	1090

Technical alteration reserved.