



The purpose of the **PETKUS Pendulum Bucket Elevators** is to transport sensitive, homogeneous, granular bulky products, e.g. corn, pulses and oilseeds.

## Advantages

- Modular design through duct lengths of 500 mm, 750 mm, 1000 mm and 2000 mm
- Easy assembly and maintenance
- Conveying chains with plastic rollers for low-noise, low-wear operation.
- Horizontal and vertical, gentle conveying of product in plastic buckets
- Suitable for the transport of sensitive seed
- In- and out-feeds can be positioned according to requirements
- Low space requirement due to compact construction

## Description:

Product is transported from the in-feed in the lower horizontal elevator shaft to the discharge in the upper horizontal elevator shaft by a plastic buckets mounted in two conveying chains.

## Setup:

The Pendulum Bucket Elevator consists of a tension station, drive station, diversion station, in-feed, discharge and horizontal and vertical elevator shafts. A gear motor drives the conveying chains with buckets via a shaft and sprockets. A second shaft with sprockets is used to tension the conveying chain at the tensioning station using 2 pneumatic cylinders. The conveying chains are held into place by two guide rails on the inside of the elevator shafts.

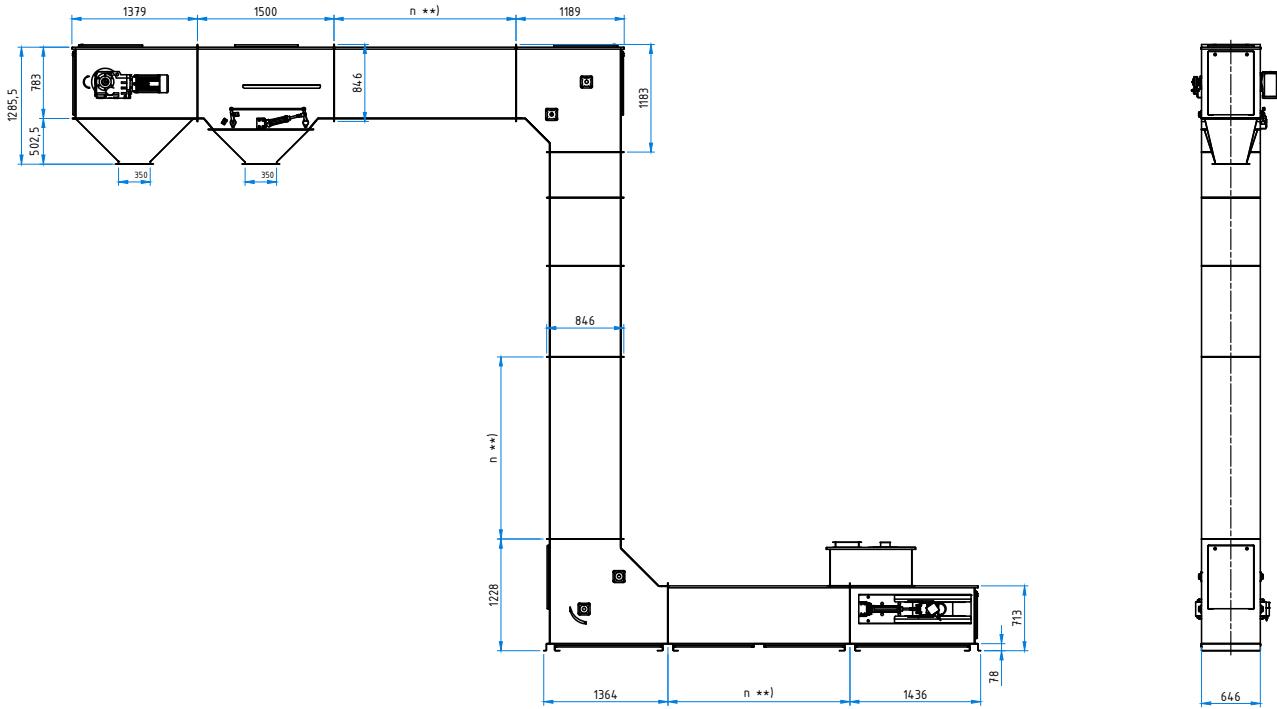
## Standard Equipment:

- Galvanized steel construction
- Drive station with soft start motor, backstop and discharge
- Tensioning station with pneumatic clamping device
- Two diversion stations
- In-feed with vibrating chute and aspiration connection
- Horizontal and vertical elevator shafts including conveying chains and buckets

## Options:

- RPM monitor
- De-dusting connection
- Additional in-feed with vibrating chute
- Pneumatically controlled intermediate discharges

# Pendulum Bucket Elevator PB 400



Technical Data		PB 400
Bucket dimensions	mm	400 x 232
Bucket volume	l	7,7
Output <sup>1</sup>	t/h	15
Chain speed	m/s	0,3
Max. conveying distance	m	20

Technical alteration reserved.