

Bucket elevators

Are essential parts of many Conveying and storage systems dealing with granular materials, the most popular configurations of Bucket elevators (rubber belt and chain types) are continuously developing to provide our customers with a wide range of options to suit every application and a design that ensures easy assembly, installation and maintenance.

Main features

Head

- The head section is constructed from bolted construction reinforced, dust protected, equipped with Inspection doors
- The Discharge chute equipped with lining material.

Hood

- Bolted with the head delivered as two parts for easy assembled Provided with hinged inspection door for easy maintenance.

Casing

- Many types of easy assembled casing supplied with the equipment (Hinged doors casing, Inspection doors casing...etc.)Explosion relief mounted on each leg (3:4 in each leg height)

Boot

- The boot type is continues feeding type, bolted construction, reinforced, Dust protected equipped with Inspection doors Bearing heavy duty sealed

Lining

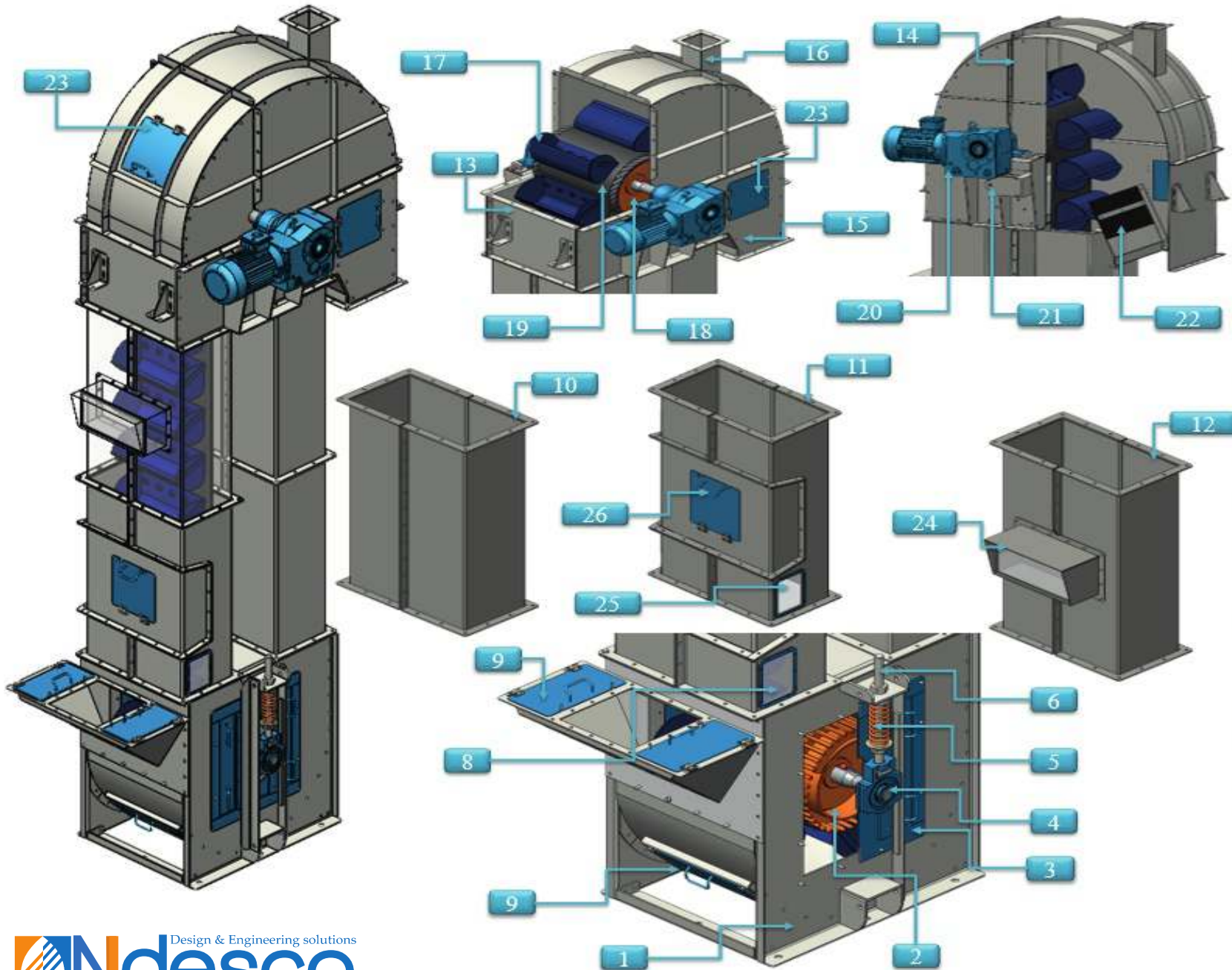
- Equipment applied with side and bottom with different lining material selected according to the conveyed material specifications

Accessories:

- Rotation Sensor.
- Misalignment switch to switch off the machine automatically in the event of getting the belt away the center.
- Temperature sensor to switch off the machine automatically in the event of increasing temperature.
- Over flow sensor to switch off the machine automatically in the event of overloading.
- Service switch for maintenance put beside the driving motor
- Zero speed switch.



Capacity (m³/Hr.)	Up To 2500 (m ³ /Hr) (Double Line)	Length (m)	Up to 4 m
Width (m)	Up To 3,000 (mm)	Hight (m)	Up To 80
Casing Surface Treatment "Acc. to application"	Painted Hot-dip galvanized Stainless steel Galvanized Sheet	Speed (m/sec.) "Acc. to application"	Up To 3



No.	Item Description
1	Bucket Elevator Boot
2	Driven Pulley
3	Maintenance Door
4	Heavy duty UKT bearings
5	Tension Unit Springs
6	Tension unit threaded rod
7	Centrifuge plate
8	Visual Window
9	Boot inspection Doors
10	Default Casing type
11	Inspection Casing type
12	Explosion Casing type
13	Bucket Elevator Head
14	Bucket Elevator Hood
15	Discharge Chute
16	Head Vent
17	Buckets
18	Drive Pulley
19	Rubber Belt
20	Driving unit
21	Torque arm
22	Discharge adjustable plate
23	Head Inspection Doors
24	Explosion Vent
25	Visual Window
26	Casing Inspection Door