

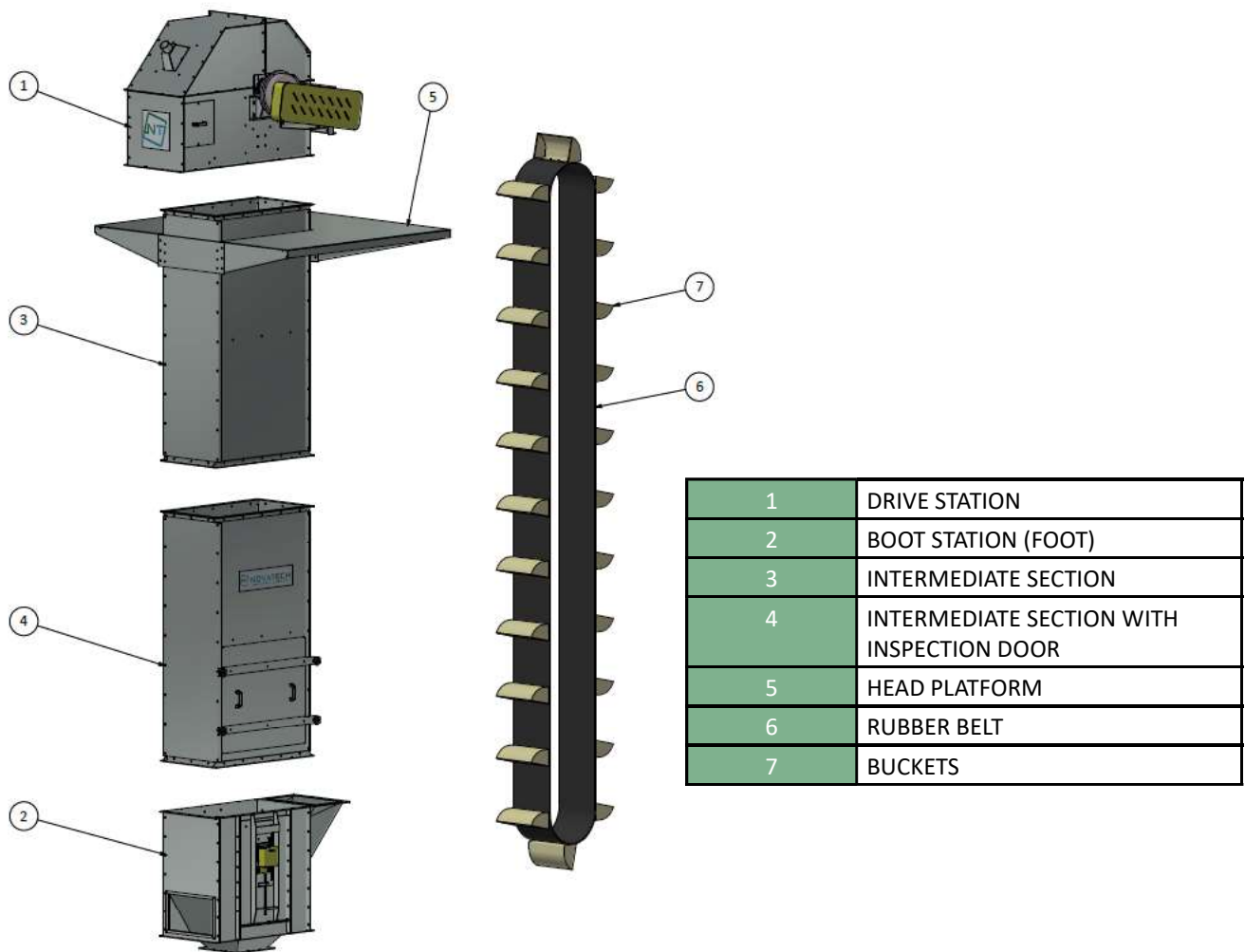
# BUCKET ELEVATOR ET



Novatech bucket elevators are designed for industrial use and the vertical transport of fine, coarse and granulated products. They can be made in different sizes and versions, designed to best respond to the specific needs of use and the regulations in force in the various industrial sectors. The bucket elevators produced by Novatech are used in the ceramic and premixed industry, in the mining and quarrying industry and in the port and agri-food sectors.

ET bucket elevators can be produced in the following types:

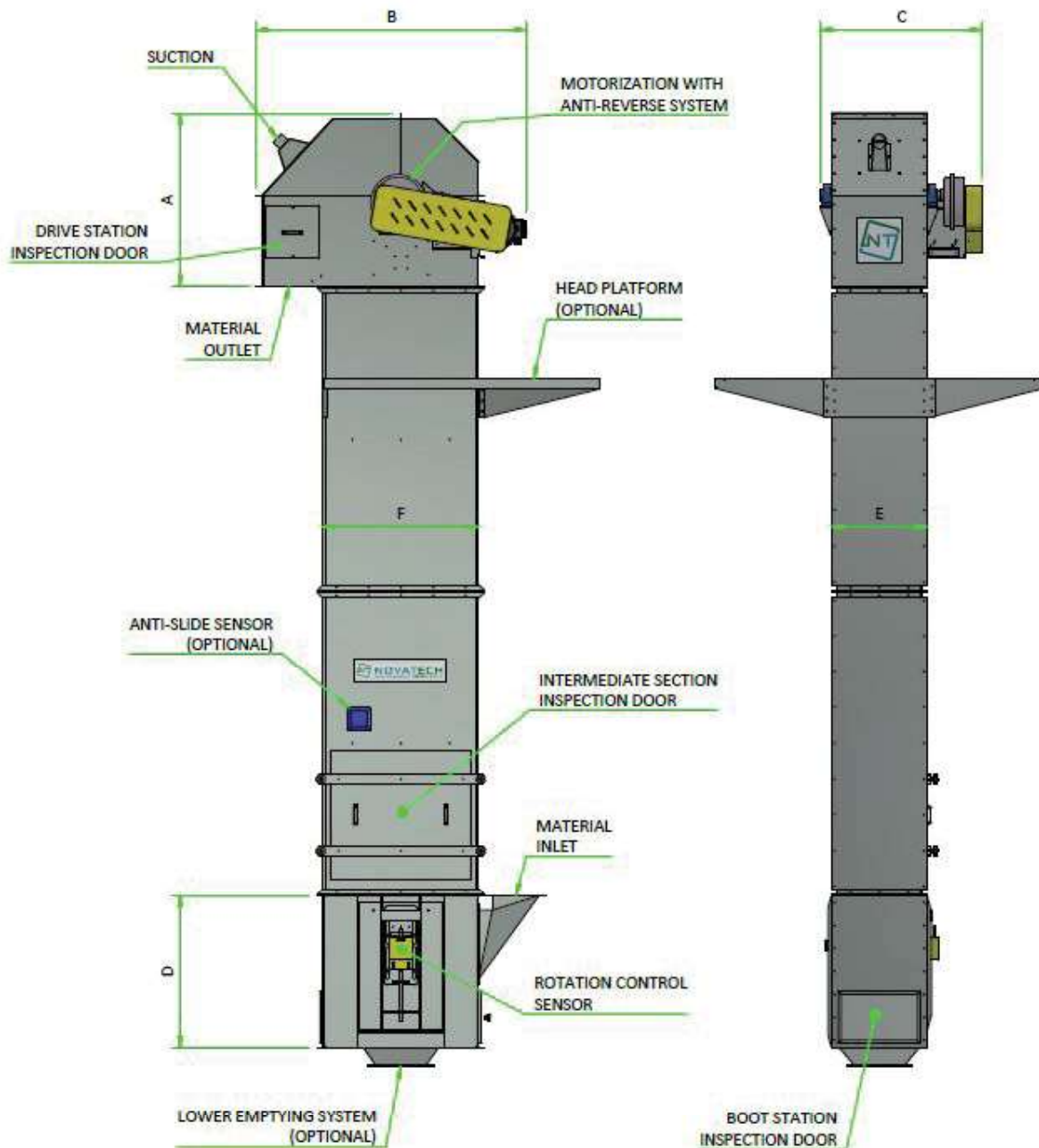
- Carbon steel with painted finish
- Carbon steel with galvanized finish
- AISI 304 stainless steel
- AISI 316 stainless steel



ET bucket elevators are mainly composed by:

- **Drive station**, made of sheet metal and thick profiles, where the motorization is positioned. The drum, the drive shaft and the related supports are sized based on the characteristics and use of the bucket elevator and are made in such a way as to guarantee easy maintenance and replacement.
- **Motorization** with anti-reverse system, composed of a reducer and an electric motor. The reducer can be of type:
  - o pendulum, with transmission via V-belts and grooved pulleys
  - o direct transmission, with reduction gear directly coupled to the drive shaft
- **Boot station (foot)**, made of thick sheet metal and profiles, where the drum and return shaft are housed, appropriately sized and supported by externally mounted supports. The threaded bar system for tensioning and aligning the rubber belt is also installed in the boot station.
- **Intermediate section** in shaped sheet metal, made of modular elements fixed together using joint flanges and high-resistance bolts. Inspection doors can be installed for internal inspection of the machine and ventilation systems for the evacuation of vapors or dust extraction.
- **Rubber belt** smooth with mechanical joint. The rubber ring is characterized by a synthetic fiber core, polyester or nylon, and anti-abrasive and anti-cut covering material, with excellent resistance to tearing, humidity and atmospheric agents.
- **Buckets** for transporting and containing material; they can be supplied in nylon, carbon steel, AISI 304 and AISI 316 stainless steel.

## MAIN FEATURES



Modello Model	A	B	C	D	E	F	Capacity (m <sup>3</sup> /h)
ET 100	690	950	540	670	260	500	1,5 ÷ 2,5
ET 200	840	1380	700	780	380	750	7,4 ÷ 12,4
ET 300	1150	1780	1000	1020	530	1020	15,3 ÷ 25,5
ET 400	1150	1780	1100	1020	630	1020	33,6 ÷ 56,1
ET 500	1160	1860	1200	1020	730	1100	53,5 ÷ 89,2
ET 600	1200	1950	1350	1220	870	1200	64,7 ÷ 104,5

Dimensions in millimetres. Non-binding data.

Novatech reserves the right to modify the technical data indicated above. For any limitations of the product, consult the relevant Use and Maintenance Manual.



Based on plant requirements, bucket elevators can be made in different versions.

For the transport of abrasive materials, the parts most subject to wear can be covered with special sheets (Hardox, Raex) to protect and prolong the life of the machine.



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