

Loading System 4020

Double-loading system with ventilation connector, single wire rope guide and locking cone

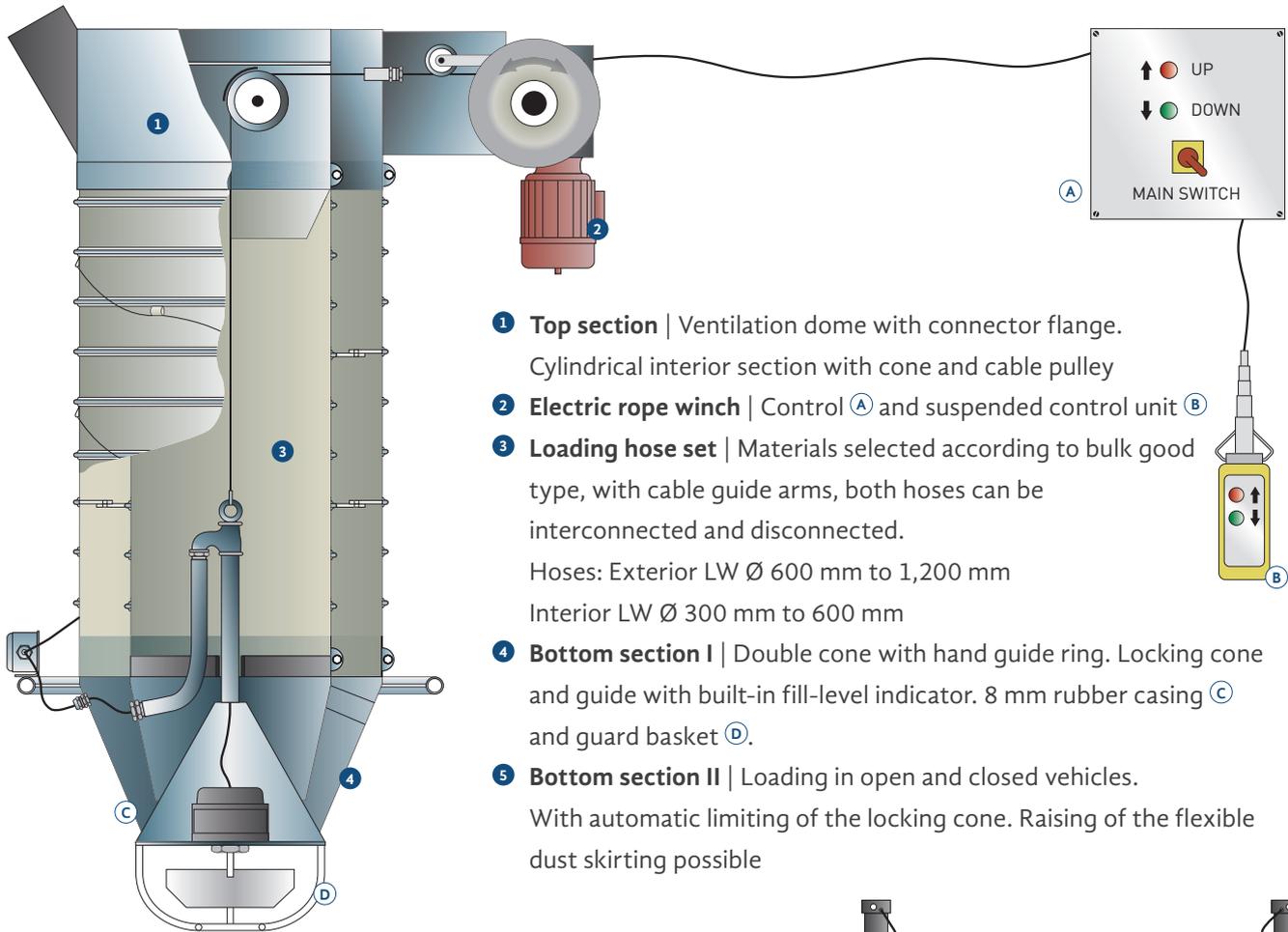
In any environment where granular, fine or loose bulk materials need to be loaded, **LISTENOW's** loading technology has proved itself over and over. Whether for dust-free loading of silo trucks, open transporters, containers, railway wagons or ships – **LISTENOW** ensures highly reliable, rapid and almost entirely dust-free loading at low environmental cost for uninterrupted operation.

The robust and cost-effective construction of these products is based on optimised manufacturing processes to guarantee:

- > Loading throughput of up to 1,000 t/h depending on material type
- > Temperature ranges from -40°C to +120°C, and up to +600°C in special cases
- > High operating reliability thanks to careful selection of materials and compact construction
- > All systems are supplied as complete units fitting the mount points and existing discharges of silos, as well as conveyer systems and other attachments
- > The diameter of the loading hose will depend on the type of bulk material and the desired loading rate

We offer electronic, electromechanical, and pneumatic measurement of fill levels. Our product portfolio is supplemented by a large range of special-purpose equipment, such as vibration devices, spreader plates, electrical winches, protective rubber buffers, highly wear-resistant conical sections and tubes, as well as galvanised metal and stainless steel parts.





- 1 **Top section** | Ventilation dome with connector flange. Cylindrical interior section with cone and cable pulley
- 2 **Electric rope winch** | Control (A) and suspended control unit (B)
- 3 **Loading hose set** | Materials selected according to bulk good type, with cable guide arms, both hoses can be interconnected and disconnected.
Hoses: Exterior LW Ø 600 mm to 1,200 mm
Interior LW Ø 300 mm to 600 mm
- 4 **Bottom section I** | Double cone with hand guide ring. Locking cone and guide with built-in fill-level indicator. 8 mm rubber casing (C) and guard basket (D).
- 5 **Bottom section II** | Loading in open and closed vehicles. With automatic limiting of the locking cone. Raising of the flexible dust skirting possible

Optional

Channelling of material by durable conical sections	DF reverse air filter in various sizes
Galvanised metal parts or stainless steel components	Reversing contactor controller/SPS digital
Vibration mechanism	Fill-level indicators

Additional extras

Automatic switching – continuous raising of the dust hood by electrical winch triggered by fill-level indicator.

Technical data

*without fill-level indicator: -200 mm

Max. length with bottom section I*	Min. length with bottom section II*	Extension
1,050 mm	750 mm	300 mm
1,550 mm	850 mm	700 mm
2,050 mm	950 mm	1,100 mm
2,550 mm	1,050 mm	1,500 mm
3,050 mm	1,150 mm	1,900 mm
3,550 mm	1,250 mm	2,300 mm
4,050 mm	1,350 mm	2,700 mm

