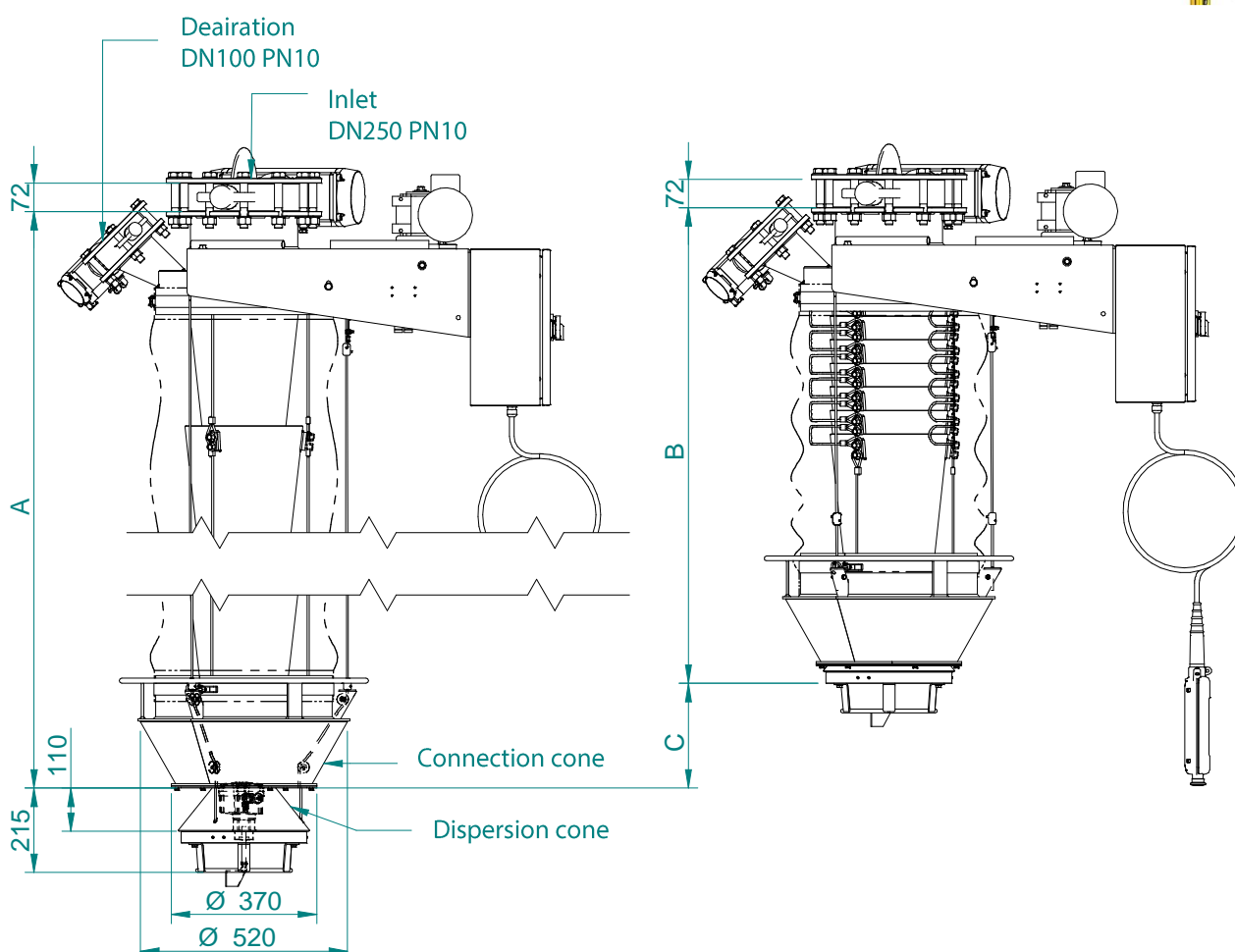


Unloader SUB2

Article number: P-0301001



Type	Cones	Bellow length	Supporting cables	Wire length	A	B	C
1	1	700	6	2250	1160	850	310
2	2	1500	9	3000	1550	910	640
3	3	1500	12	3000	1940	970	970
4	4	2300	15	3800	2330	1030	1300
5	5	2300	18	3800	2720	1090	1630
6	6	3100	21	4600	3110	1150	1960
7	7	3100	24	4600	3500	1210	2290
8	8	3900	27	5400	3890	1270	2620
9	9	3900	30	5400	4280	1330	2950
10	10	4300	33	5800	4670	1400	3270

Function

The unloader is mounted under the outlet part from e.g. a silo to enable flexible and dust-free loading of bulk vehicles and other transport containers. The bellow covers a large variable loading height area. It is equipped with a three-point suspension in steel wires and a winch device. The unloader is driven with an electric worm gear motor or alternatively with a hand crank.

Base design

- Inlet connection: DN250 PN10.
- Deairation connection: DN100 PN10.

Material/Surface treatment

- Hot-dip galvanized steel
- Stainless steel

Bellows made of strong PVC-coated fabric with sewn-in steel rings.
Sheet metal parts surface treated with hot-dip and electric galvanizing.

Outlet connection in the form of a rubber-coated cone for self-sealing in openings with Ø 380 480mm. The outlet connection is fitted with a dispersion cone which also closes the opening downwards effectively when emptying is complete. Stainless steel wires for winch and cone suspension.

Operation:

- Std. Electric motor 0,55 kW, 230/400 V 50 Hz, IP 54, 314.
- Alternatively, a manual hand crank.

Adjustable limit switch for end position up.

Limit switch that stops the winch motor when the outlet cone reaches the connection point.

Junction box where all electrical connections are gathered on a terminal block.

Working temperature range: -20° - +80°C.

Inlet valve

- Std. Butterfly valve DN250 with pneumatic actuator and limit switch box. Alt. manual butterfly valve.
- Pneumatic/manual knife gate valve DN250.

Deairation valve

- Std. Butterfly valve DN100 with pneumatic actuator and limit switch box.

Level sensor in outlet

- Std. Rotational level sensor.
- Vibrating tuning fork.
- Capacitive sensor.

Maneuvering

- Std. Automation according to TS03-003 Maneuver equipment SUB2.
- Manual hand crank.

Special equipment

- Dustcover. Mounted on the connection cone to limit dust when loading open vehicles.
- Filter.
- Remote control.