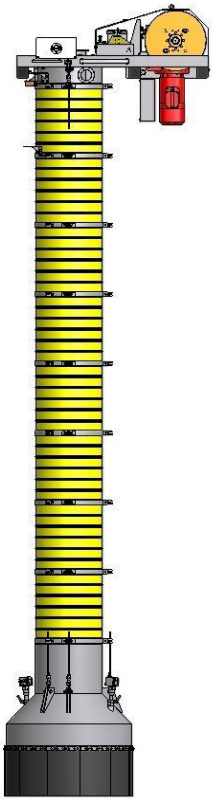
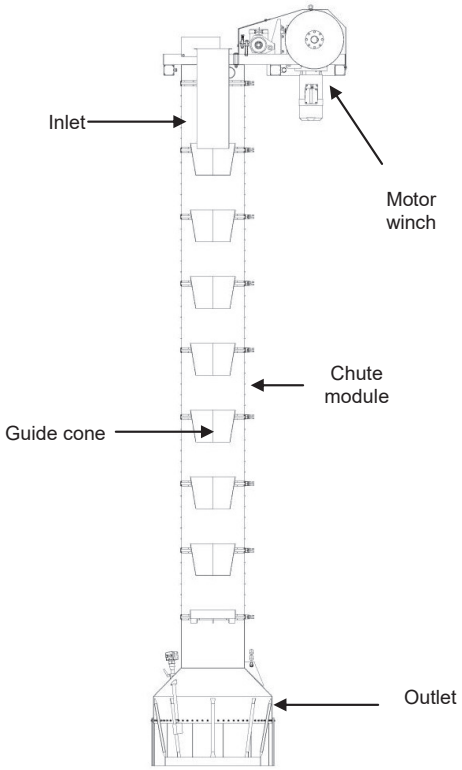
CONVEYING

MODUFLEX LOADING CHUTE
V300F

GENERAL

Brand	Cimbria
Designation	Moduflex Loading Chute
Model	V300F
Use	Designed for dust-free out-loading of dry bulk material.





Technical Information - V300F	
Inlet	Cylindrical Inlet tube in 2/4 mm steel. With Ø300mm connection with flange. 2 off exhaust connections Ø100mm with flange.
Chute modules	Type Y - Standard: Yellow. PVC/Polyester. Ø=600mm/H=625mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black.Synthetic rubber. Ø=600mm/H=625mm. Temperature -40°C - +130°C Type R- High temperature: Red.Polyester and fiber/silicone rubber. Ø600/H=625mm.Temp.-40°C - +150°C(peak +220°C) Type Z - Low temperature: Green. PVC/PU. Ø600mm/H=625mm. Temperature -60° C - +70° C. Connection ring in stainless steel Aisi 304, c/w 3 wire guides in nylon and fittings for relief wires.
Guide cones	Type J - Steel Standard. Steel, H=300mm, pt=2/4mm. Type L - Steel Overlapping. Steel, H=650mm, pt=2/4mm.
Outlet	Type F - FlatOutlet with dust skirt for open loading. Option: Type T – TankOutlet for closed loading
Motor winch	Motor 2.2 - 4 kW, Gear box ratio 124-127:1, 1425-1460rpm. Tight and slack wire indication on all 3 hoisting wires. External 3-point wire hoist system with high precision ball bearings and 3 off winch discs vertically fitted. 2 off relief wires. Hoist/relief wires Ø8mm available in steel or stainless steel Aisi316. Wire rollers in steel or stainless steel with high precision ball bearings.
General info	Max. loading capacity approx. 250 m^3/hour. Recommended connecting value for aspiration 550-1200 m^3/hour 500-1500 Pa. Metal parts available in steel st. 37, stainless steel Aisi 304 or steel Hardox 400. Other steel qualities on demand. Surface treatment St. 37: Iron phosphating, 80 micron coating RAL 9010 pure white. Surface treatment Aisi 304: Acid-washed without any further treatment Optional: Hot dip galvanized inlet/outlet and motor frame. Available with full approval and certificates for location in ATEX zone 22 (zone 20 inside the chute)

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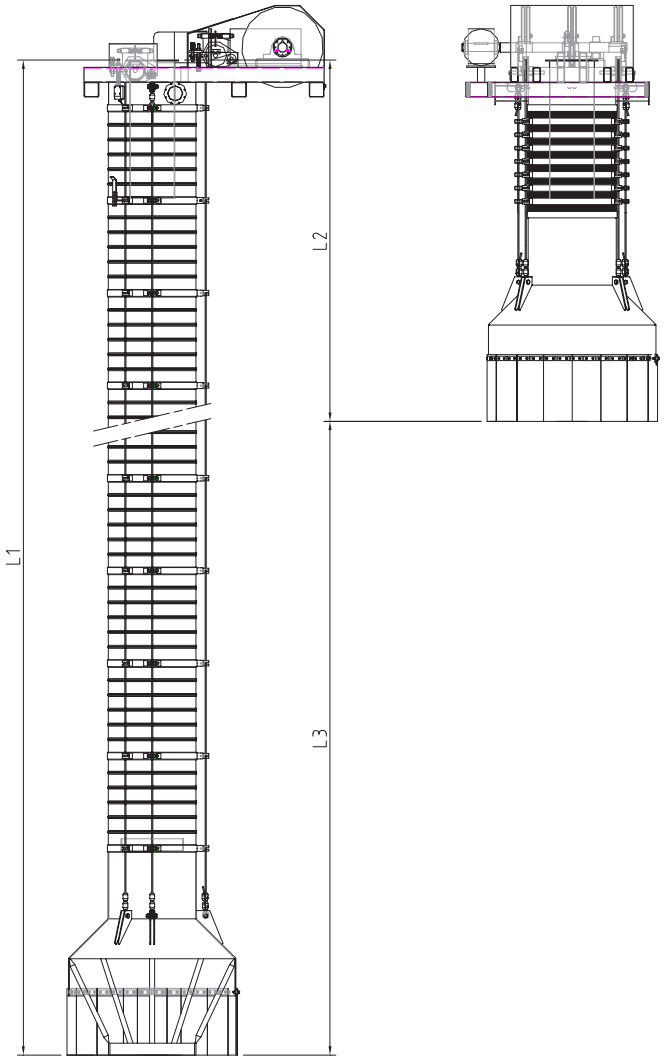
MODUFLEX LOADING CHUTE
V300F

V300F			
Outlet type F			
Cone	Steel		
M	L1	L2	L3
1	2 345	1 810	535
2	2 970	1 900	1 070
3	3 595	1 990	1 605
4	4 220	2 080	2 140
5	4 845	2 170	2 675
6	5 470	2 260	3 210
7	6 095	2 350	3 745
8	6 720	2 440	4 280
9	7 345	2 530	4 815
10	7 970	2 620	5 350
11	8 595	2 710	5 885
12	9 220	2 800	6 420
13	9 845	2 890	6 955
14	10 470	2 980	7 490
15	11 095	3 070	8 025
16	11 720	3 160	8 560
17	12 345	3 250	9 095
18	12 970	3 340	9 630
19	13 595	3 430	10 165
20	14 220	3 520	10 700
21	14 845	3 610	11 235
22	15 470	3 700	11 770
23	16 095	3 790	12 305
24	16 720	3 880	12 840
25	17 345	3 970	13 375
26	17 970	4 060	13 910
27	18 595	4 150	14 445
28	19 220	4 240	14 980
29	19 845	4 330	15 515
30	20 470	4 420	16 050
31	21 095	4 510	16 585
32	21 720	4 600	17 120
33	22 345	4 690	17 655
34	22 970	4 780	18 190
35	23 595	4 870	18 725
36	24 220	4 960	19 260
37	24 845	5 050	19 795
38	25 470	5 140	20 330
39	26 095	5 230	20 865
40	26 720	5 320	21 400



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