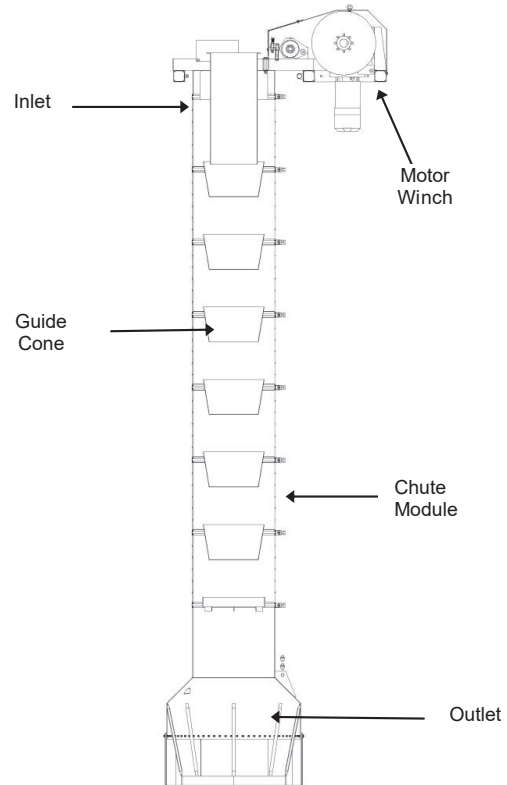
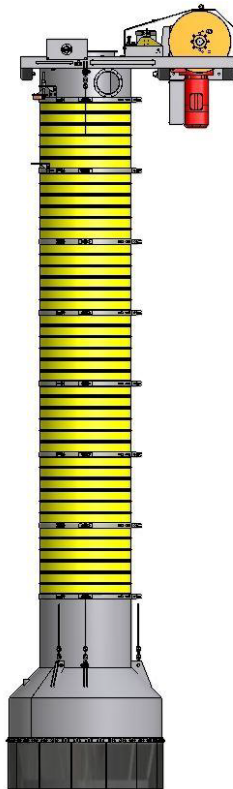


# MODUFLEX LOADING CHUTE V500F

## GENERAL

Brand	Cimbria
Designation	Moduflex Loading Chute
Model	V500F
Use	Designed for dust-free out-loading of dry bulk material.



## Technical Information - V500F

Inlet	Cylindrical Inlet tube in 2/4 mm steel. With Ø500mm connection with flange. 2 off exhaust connections Ø200mm with flange.
Chute modules	Type Y - Standard: Yellow. PVC/Polyester. Ø=800mm/H=625mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black. Synthetic rubber. Ø=800mm/H=625mm. Temperature -40°C - +130°C Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø800/H625mm. Temp. -40°C - +150°C (peak +220°C) Type Z - Low temperature: Green. PVC/PU. Ø800mm/H=625mm. Temperature -60°C - +70°C. Connection ring in stainless steel Aisi 304, c/w 3 off 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 – Tank outlet for closed loading
Motor winch	Brake motor 2.2-5.5 kW, 1425rpm. Gear box ratio 1:124 – 1:143. 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. 700 m <sup>3</sup> /hour. Recommended connecting value for aspiration 2200-4500 m <sup>3</sup> /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)

# MODUFLEX LOADING CHUTE

## V500F

V500F			
Outlet type F			
Cone	Steel		
M	L1	L2	L3
1	2 749	2 214	535
2	3 374	2 304	1 070
3	3 999	2 394	1 605
4	4 624	2 484	2 140
5	5 249	2 574	2 675
6	5 874	2 664	3 210
7	6 499	2 754	3 745
8	7 124	2 844	4 280
9	7 749	2 934	4 815
10	8 374	3 024	5 350
11	8 999	3 114	5 885
12	9 624	3 204	6 420
13	10 249	3 294	6 955
14	10 874	3 384	7 490
15	11 499	3 474	8 025
16	12 124	3 564	8 560
17	12 749	3 654	9 095
18	13 374	3 744	9 630
19	13 999	3 834	10 165
20	14 624	3 924	10 700
21	15 249	4 014	11 235
22	15 874	4 104	11 770
23	16 499	4 194	12 305
24	17 124	4 284	12 840
25	17 749	4 374	13 375
26	18 374	4 464	13 910
27	18 999	4 554	14 445
28	19 624	4 644	14 980
29	20 249	4 734	15 515
30	20 874	4 824	16 050
31	21 499	4 914	16 585
32	22 124	5 004	17 120
33	22 749	5 094	17 655
34	23 374	5 184	18 190
35	23 999	5 274	18 725
36	24 624	5 364	19 260
37	25 249	5 454	19 795
38	25 874	5 544	20 330
39	26 499	5 634	20 865
40	27 124	5 724	21 400

