

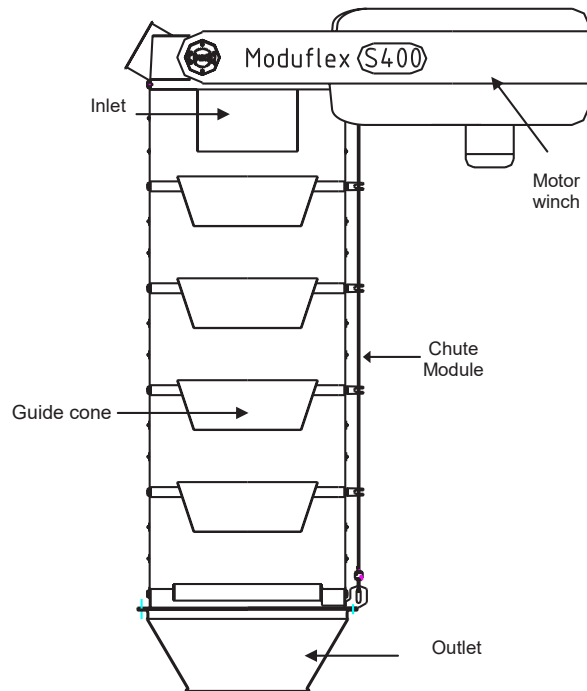


# MODUFLEX LOADING CHUTE S400



## GENERAL

Brand	Cimbria
Designation	Moduflex Loading Chute
Model	S400
Use	Designed for dust-free out-loading of dry bulk material.



## Technical Information - S400

Inlet	Cylindrical Inlet tube in 2 mm steel. Fitting Ø400 PN10 flange (DIN 2576B). Mounted with 16 off M24 bolts. Exhaust connection Ø150, optionally with automatic closing function.
Chute modules	Type Y - Standard: Yellow. PVC/Polyester. Ø700mm/H=300mm. Temperature -35°C - +70°C Type M - Food Grade: Light Grey. PVC/Polyester. Ø700mm/H=300mm. Temperature -30°C - +70°C Type W - Special: Misc. PVC/Polyester. Ø700mm/H=300mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black. Synthetic rubber. Ø700mm/H=300mm. Temperature -40°C - +130°C Type G - Extreme Temperature: Grey. Teflon/Fiber glass. Ø700mm/H=300mm. Temperature -35°C - +260°C Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø700/H300mm. Temp. -40°C - +150°C (peak +220°C) Type Z - Low temperature: Green. PVC/PU. Ø700mm/H=300mm. Temperature -60° C - +70° C Connection ring in stainless steel Aisi 304, c/w 3 off wire guides in nylon.
Guide cones	Type O - Support ring. Steel, H=30mm Type J - Steel Standard. Steel, H=150mm, pt=2mm.
Outlet	Type T - Tank Outlet with steel cone for loading in tanker truck. Type F - Flat Outlet with dust skirt for loading in open truck. Type M - Multi Outlet with steel cone and dust skirt for loading in tanker truck and open truck.
Motor winch	Motor 0.55-2.2 kW, 1400 rpm. Gear box ratio 100:1. Tight and slack wire indication External 3-point wire hoist system with high precision ball bearings and 3 off winch discs vertically fitted. Hoist wires Ø5mm available in steel, stainless steel Aisi316 or Long Life steel quality. Self-lubricating wire rollers in Ertalite TX, alternatively steel/stainless steel with bronze bearing
General info	Max. loading capacity approx. 440 m <sup>3</sup> /hour. Recommended connecting value for aspiration 1200 m <sup>3</sup> /hour 500-1500 Pa. Metal parts available in painted steel st. 37 or stainless steel Aisi 304. 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 Motor winch covers in ABS - RAL 6005 dark green Available with full approval and certificates for location in ATEX zone 21 and 22 (zone 20 inside the chute)

Accessories for Loading Chute S400, please see separate Data Sheet

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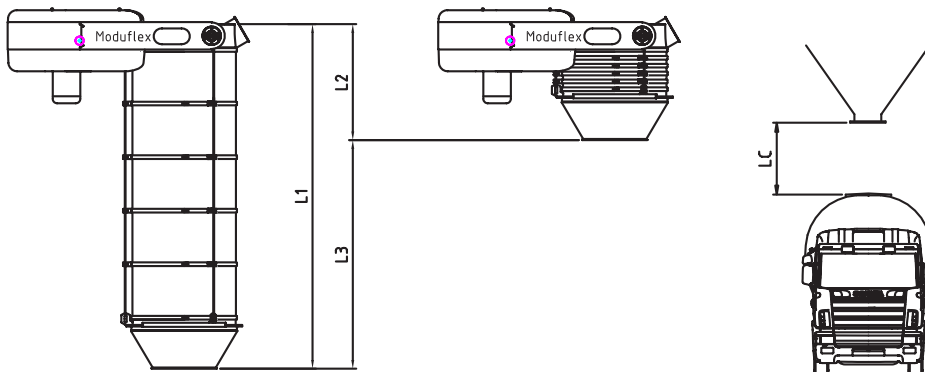
# S400

S400									
	Outlet type TS			Outlet type FS			Outlet type MS		
Cone	Steel			Steel			Steel		
M	L1	L2	L3	L1	L2	L3	L1	L2	L3
1	748	486	262	762	500	262			
2	1 055	531	524	1 069	545	524			
3	1 362	576	786	1 376	590	786			
4	1 669	621	1 048	1 683	635	1 048			
5	1 976	666	1 310	1 990	680	1 310			
6	2 283	711	1 572	2 297	725	1 572	2 582	1 010	1 572
7	2 590	756	1 834	2 604	770	1 834	2 889	1 055	1 834
8	2 897	801	2 096	2 911	815	2 096	3 196	1 100	2 096
9	3 204	846	2 358	3 218	860	2 358	3 503	1 145	2 358
10	3 511	891	2 620	3 525	905	2 620	3 810	1 190	2 620
11	3 818	936	2 882	3 832	950	2 882	4 117	1 235	2 882
12	4 125	981	3 144	4 139	995	3 144	4 424	1 280	3 144
13	4 432	1 026	3 406	4 446	1 040	3 406	4 731	1 325	3 406
14	4 739	1 071	3 668	4 753	1 085	3 668	5 038	1 370	3 668
15	5 046	1 116	3 930	5 060	1 130	3 930	5 345	1 415	3 930
16	5 353	1 161	4 192	5 367	1 175	4 192	5 652	1 460	4 192
17	5 660	1 206	4 454	5 674	1 220	4 454	5 959	1 505	4 454
18	5 967	1 251	4 716	5 981	1 265	4 716	6 266	1 550	4 716
19	6 274	1 296	4 978	6 288	1 310	4 978	6 573	1 595	4 978
20	6 581	1 341	5 240	6 595	1 355	5 240	6 880	1 640	5 240
21	6 888	1 386	5 502	6 902	1 400	5 502	7 187	1 685	5 502
22	7 195	1 431	5 764	7 209	1 445	5 764	7 494	1 730	5 764
23	7 502	1 476	6 026	7 516	1 490	6 026	7 801	1 775	6 026
24	7 809	1 521	6 288	7 823	1 535	6 288	8 108	1 820	6 288
25	8 116	1 566	6 550	8 130	1 580	6 550	8 415	1 865	6 550

S400 + FlexClose + indicator							
Rotating+ capacitive indicator					Vibrationrod		
M	LC	L1	L2	L3	L1	L2	L3
2	1 149	1 619	1 100	519	1 689	1 170	519
3	1 456	1 926	1 145	781	1 996	1 215	781
4	1 763	2 233	1 190	1 043	2 303	1 260	1 043
5	2 070	2 540	1 235	1 305	2 610	1 305	1 305
6	2 377	2 847	1 280	1 567	2 917	1 350	1 567
7	2 684	3 154	1 325	1 829	3 224	1 395	1 829
8	2 991	3 461	1 370	2 091	3 531	1 440	2 091
9	3 298	3 768	1 415	2 353	3 838	1 485	2 353
10	3 605	4 075	1 460	2 615	4 145	1 530	2 615

S400 with FlexClose no indicator				
M	LC	L1	L2	L3
2	1 149	1 459	940	519
3	1 456	1 766	985	781
4	1 763	2 073	1 030	1 043
5	2 070	2 380	1 075	1 305
6	2 377	2 687	1 120	1 567
7	2 684	2 994	1 165	1 829
8	2 991	3 301	1 210	2 091
9	3 298	3 608	1 255	2 353
10	3 605	3 915	1 300	2 615

S400 with Flexfill				
M	LC	L1	L2	L3
3	1 737	2 056	1 270	786
4	2 044	2 363	1 315	1 048
5	2 351	2 670	1 360	1 310
6	2 658	2 977	1 405	1 572
7	2 965	3 284	1 450	1 834
8	3 272	3 591	1 495	2 096
9	3 579	3 898	1 540	2 358
10	3 886	4 205	1 585	2 620



LC measure to be used when the loading chute is fitted with FlexClose or FlexFill.