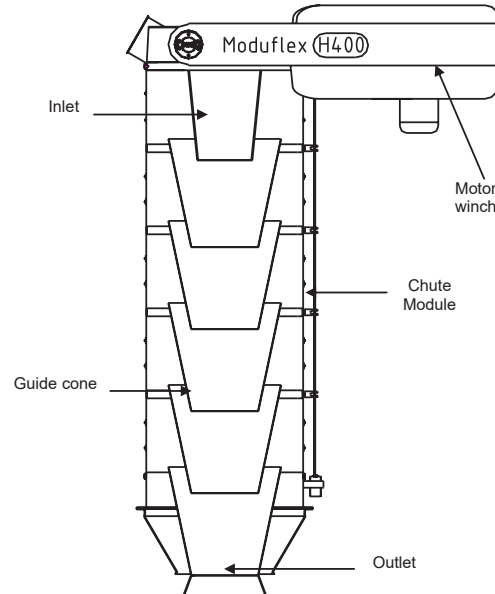




MODUFLEX LOADING CHUTE H400

GENERAL

Brand	Cimbria
Designation	Moduflex Loading Chute
Model	H400
Use	Designed for dust-free out-loading of dry bulk material.



Technical Information - H400

Inlet	Conical Inlet tube in 4 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 - ExtremeTemperature: Grey. Teflon/Fiber glass. Ø700mm/H=300mm. Temperature -35°C - +260°C Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø700/H=300mm. 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. Type L - Steel Overlapping. Steel, H=405mm, 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 m³/hour. Recommended connecting value for aspiration 1200 m³/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 H400, please see separate Data Sheet

MODUFLEX LOADING CHUTE

H400

H400									
	Outlet type TH			Outlet type FH			Outlet type MH		
Cone	Overlapping steel			Overlapping steel			Overlapping steel		
M	L1	L2	L3	L1	L2	L3	L1	L2	L3
1	900	643	257	1 286	1 029	257			
2	1 207	693	514	1 593	1 079	514			
3	1 514	743	771	1 900	1 129	771			
4	1 821	793	1 028	2 207	1 179	1 028			
5	2 128	843	1 285	2 514	1 229	1 285			
6	2 435	893	1 542	2 821	1 279	1 542	2 821	1 279	1 542
7	2 742	943	1 799	3 128	1 329	1 799	3 128	1 329	1 799
8	3 049	993	2 056	3 435	1 379	2 056	3 435	1 379	2 056
9	3 356	1 043	2 313	3 742	1 429	2 313	3 742	1 429	2 313
10	3 663	1 093	2 570	4 049	1 479	2 570	4 049	1 479	2 570
11	3 970	1 143	2 827	4 356	1 529	2 827	4 356	1 529	2 827
12	4 277	1 193	3 084	4 663	1 579	3 084	4 663	1 579	3 084
13	4 584	1 243	3 341	4 970	1 629	3 341	4 970	1 629	3 341
14	4 891	1 293	3 598	5 277	1 679	3 598	5 277	1 679	3 598
15	5 198	1 343	3 855	5 584	1 729	3 855	5 584	1 729	3 855
16	5 505	1 393	4 112	5 891	1 779	4 112	5 891	1 779	4 112
17	5 812	1 443	4 369	6 198	1 829	4 369	6 198	1 829	4 369
18	6 119	1 493	4 626	6 505	1 879	4 626	6 505	1 879	4 626
19	6 426	1 543	4 883	6 812	1 929	4 883	6 812	1 929	4 883
20	6 733	1 593	5 140	7 119	1 979	5 140	7 119	1 979	5 140

H400 with FlexClose - no indicator

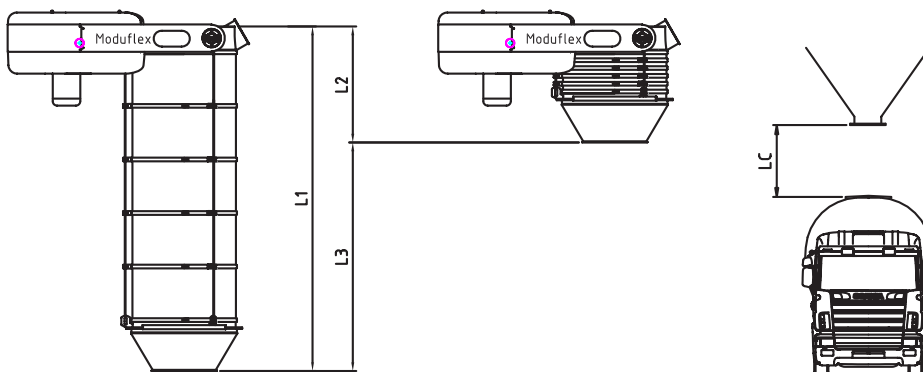
M	LC	L1	L2	L3
2	1 149	1 459	945	514
3	1 456	1 766	995	771
4	1 763	2 073	1 045	1 028
5	2 070	2 380	1 095	1 285
6	2 377	2 687	1 145	1 542
7	2 684	2 994	1 195	1 799
8	2 991	3 301	1 245	2 056
9	3 298	3 608	1 295	2 313
10	3 605	3 915	1 345	2 570

H400 with Flexfill

M	LC	L1	L2	L3
3	1 737	2 056	1 488	568
4	2 044	2 363	1 538	825
5	2 351	2 670	1 588	1 082
6	2 658	2 977	1 638	1 339
7	2 965	3 284	1 688	1 596
8	3 272	3 591	1 738	1 853
9	3 579	3 898	1 788	2 110
10	3 886	4 205	1 838	2 367

H400 with FlexClose + indicator

Rotating+ capacitive indicator					Vibrationrod		
M	LC	L1	L2	L3	L1	L2	L3
2	1 149	1 619	1 105	514	1 689	1 175	514
3	1 456	1 926	1 155	771	1 996	1 225	771
4	1 763	2 233	1 205	1 028	2 303	1 275	1 028
5	2 070	2 540	1 255	1 285	2 610	1 325	1 285
6	2 377	2 847	1 305	1 542	2 917	1 375	1 542
7	2 684	3 154	1 355	1 799	3 224	1 425	1 799
8	2 991	3 461	1 405	2 056	3 531	1 475	2 056
9	3 298	3 768	1 455	2 313	3 838	1 525	2 313
10	3 605	4 075	1 505	2 570	4 145	1 575	2 570



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