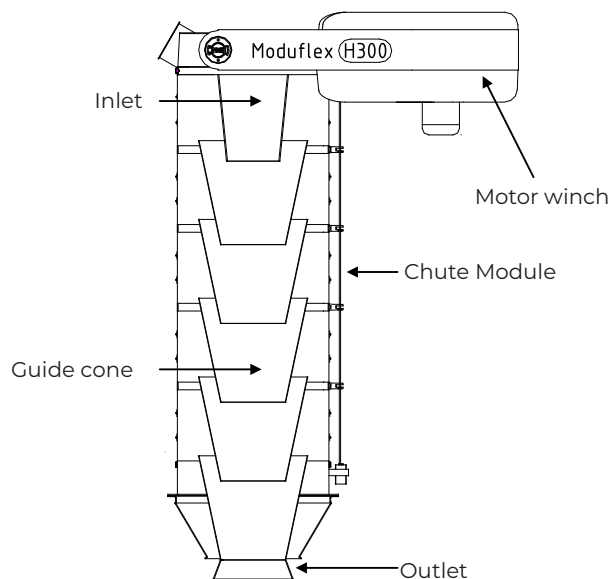


MODUFLEX LOADING CHUTE H300

GENERAL

| | |
|-------------|--|
| Brand | Cimbria |
| Designation | Moduflex Loading Chute |
| Model | H300 |
| Use | Designed for dust-free out-loading of dry bulk material. |



Technical Information - H300

| | |
|---------------|---|
| Inlet | Conical Inlet tube in 4 mm steel. Fitting Ø300 PN10 flange (2576B). Mounted with 12 off M20 bolts. Exhaust connection Ø150, optionally with automatic closing function. |
| Chute modules | Type Y - Standard: Yellow. PVC/Polyester. Ø600mm/H=300mm. Temperature -35°C - +70°C Type M - Food Grade: Light Grey. PVC/Polyester. Ø600mm/H=300mm. Temperature -30°C - +70°C Type W - Special: Misc. PVC/Polyester. Ø600mm/H=300mm. Temperature -35°C - +70°C Type B - Heavy Duty: Black. Synthetic rubber. Ø600mm/H=300mm. Temperature -40°C - +130°C Type G - Extreme Temperature: Grey. Teflon/Fiber glass. Ø600mm/H=300mm. Temperature -35°C - +260°C Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø600/H=300mm. Temp. -40°C - +150°C (peak +220°C) Type Z - Low temperature: Green. PVC/PU. Ø600mm/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 U - Ultramid. Polyamide 6.6. H=150mm, pt=6mm. 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. 250 m ³ /hour. Recommended connecting value for aspiration 1200 m ³ /hour 100 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 greenw 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

MODUFLEX LOADING CHUTE

H300

| H300 | | | | | | | | | |
|------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|
| | 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 | 1 222 | 965 | 257 | | | |
| 2 | 1 207 | 693 | 514 | 1 529 | 1 015 | 514 | | | |
| 3 | 1 514 | 743 | 771 | 1 836 | 1 065 | 771 | | | |
| 4 | 1 821 | 793 | 1 028 | 2 143 | 1 115 | 1 028 | | | |
| 5 | 2 128 | 843 | 1 285 | 2 450 | 1 165 | 1 285 | | | |
| 6 | 2 435 | 893 | 1 542 | 2 757 | 1 215 | 1 542 | 2 757 | 1 215 | 1 542 |
| 7 | 2 742 | 943 | 1 799 | 3 064 | 1 265 | 1 799 | 3 064 | 1 265 | 1 799 |
| 8 | 3 049 | 993 | 2 056 | 3 371 | 1 315 | 2 056 | 3 371 | 1 315 | 2 056 |
| 9 | 3 356 | 1 043 | 2 313 | 3 678 | 1 365 | 2 313 | 3 678 | 1 365 | 2 313 |
| 10 | 3 663 | 1 093 | 2 570 | 3 985 | 1 415 | 2 570 | 3 985 | 1 415 | 2 570 |
| 11 | 3 970 | 1 143 | 2 827 | 4 292 | 1 465 | 2 827 | 4 292 | 1 465 | 2 827 |
| 12 | 4 277 | 1 193 | 3 084 | 4 599 | 1 515 | 3 084 | 4 599 | 1 515 | 3 084 |
| 13 | 4 584 | 1 243 | 3 341 | 4 906 | 1 565 | 3 341 | 4 906 | 1 565 | 3 341 |
| 14 | 4 891 | 1 293 | 3 598 | 5 213 | 1 615 | 3 598 | 5 213 | 1 615 | 3 598 |
| 15 | 5 198 | 1 343 | 3 855 | 5 520 | 1 665 | 3 855 | 5 520 | 1 665 | 3 855 |
| 16 | 5 505 | 1 393 | 4 112 | 5 827 | 1 715 | 4 112 | 5 827 | 1 715 | 4 112 |
| 17 | 5 812 | 1 443 | 4 369 | 6 134 | 1 765 | 4 369 | 6 134 | 1 765 | 4 369 |
| 18 | 6 119 | 1 493 | 4 626 | 6 441 | 1 815 | 4 626 | 6 441 | 1 815 | 4 626 |
| 19 | 6 426 | 1 543 | 4 883 | 6 748 | 1 865 | 4 883 | 6 748 | 1 865 | 4 883 |
| 20 | 6 733 | 1 593 | 5 140 | 7 055 | 1 915 | 5 140 | 7 055 | 1 915 | 5 140 |

H300 with FlexClose with/without FlexSeal - with indicator

| H300 with FlexClose with/without FlexSeal - with indicator | | | | | | | |
|--|---------------------|-------|-------|-------------------|-------|-------|-------|
| Cone | Overlapping steel | | | Overlapping steel | | | |
| Indicator | Rotating/capacitive | | | Vibration rod | | | |
| M | LC | L1 | L2 | L3 | L1 | L2 | L3 |
| 2 | 1 138 | 1 568 | 1 054 | 514 | 1 638 | 1 124 | 514 |
| 3 | 1 445 | 1 875 | 1 104 | 771 | 1 945 | 1 174 | 771 |
| 4 | 1 752 | 2 182 | 1 154 | 1 028 | 2 252 | 1 224 | 1 028 |
| 5 | 2 059 | 2 489 | 1 204 | 1 285 | 2 559 | 1 274 | 1 285 |
| 6 | 2 366 | 2 796 | 1 254 | 1 542 | 2 866 | 1 324 | 1 542 |
| 7 | 2 673 | 3 103 | 1 304 | 1 799 | 3 173 | 1 374 | 1 799 |
| 8 | 2 980 | 3 410 | 1 354 | 2 056 | 3 480 | 1 424 | 2 056 |
| 9 | 3 287 | 3 717 | 1 404 | 2 313 | 3 787 | 1 474 | 2 313 |
| 10 | 3 594 | 4 024 | 1 454 | 2 570 | 4 094 | 1 524 | 2 570 |

H300 with FlexClose - no indicator

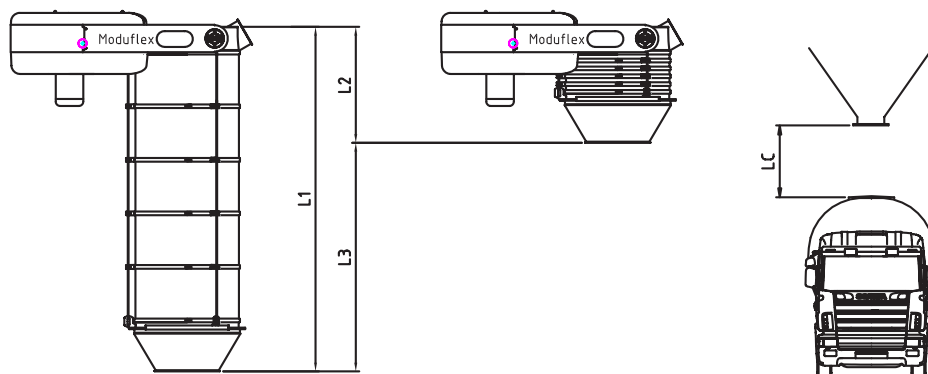
| Cone | | Overlapping steel | | |
|-----------|-------|-------------------|-------|-------|
| Indicator | | None | | |
| M | LC | L1 | L2 | L3 |
| 2 | 1 138 | 1 408 | 894 | 514 |
| 3 | 1 445 | 1 715 | 944 | 771 |
| 4 | 1 752 | 2 022 | 994 | 1 028 |
| 5 | 2 059 | 2 329 | 1 044 | 1 285 |
| 6 | 2 366 | 2 636 | 1 094 | 1 542 |
| 7 | 2 673 | 2 943 | 1 144 | 1 799 |
| 8 | 2 980 | 3 250 | 1 194 | 2 056 |
| 9 | 3 287 | 3 557 | 1 244 | 2 313 |
| 10 | 3 594 | 3 864 | 1 294 | 2 570 |

H300 with FlexClose and FlexSeal - no indicator

| Cone | | Overlapping steel | | |
|-----------|-------|-------------------|-------|-------|
| Indicator | | None | | |
| M | LC | L1 | L2 | L3 |
| 2 | 1 138 | 1 408 | 924 | 484 |
| 3 | 1 445 | 1 715 | 974 | 741 |
| 4 | 1 752 | 2 022 | 1 024 | 998 |
| 5 | 2 059 | 2 329 | 1 074 | 1 255 |
| 6 | 2 366 | 2 636 | 1 124 | 1 512 |
| 7 | 2 673 | 2 943 | 1 174 | 1 769 |
| 8 | 2 980 | 3 250 | 1 224 | 2 026 |
| 9 | 3 287 | 3 557 | 1 274 | 2 283 |
| 10 | 3 594 | 3 864 | 1 324 | 2 540 |

H300 with Flexfill

| Cone | | Steel/support ring | | |
|------|-------|--------------------|-------|-------|
| M | LC | L1 | L2 | L3 |
| 3 | 1 942 | 2 246 | 1 412 | 834 |
| 4 | 2 249 | 2 553 | 1 462 | 1 091 |
| 5 | 2 556 | 2 860 | 1 512 | 1 348 |
| 6 | 2 863 | 3 167 | 1 562 | 1 605 |
| 7 | 3 170 | 3 474 | 1 612 | 1 862 |
| 8 | 3 477 | 3 781 | 1 662 | 2 119 |
| 9 | 3 784 | 4 088 | 1 712 | 2 376 |
| 10 | 4 091 | 4 395 | 1 762 | 2 633 |



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