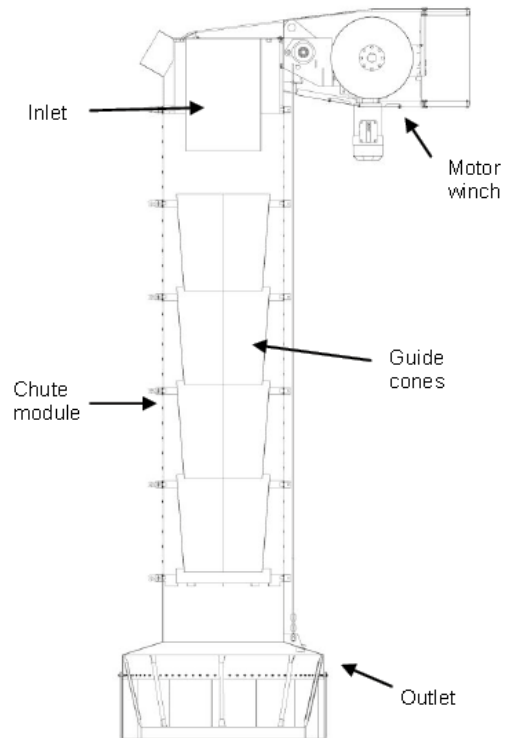
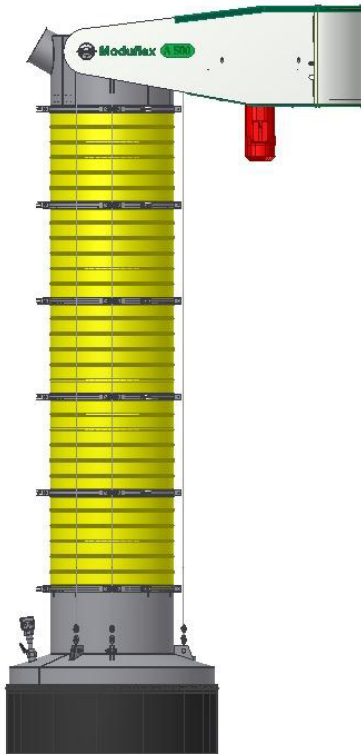


# MODUFLEX LOADING CHUTE A500

## GENERAL

|             |                                                          |
|-------------|----------------------------------------------------------|
| Brand       | Cimbria                                                  |
| Designation | Moduflex Loading Chute                                   |
| Model       | A500                                                     |
| Use         | Designed for dust-free out-loading of dry bulk material. |



## Technical Information - A500

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inlet         | Cylindrical inlet in 3 mm steel. With DN500 connection with flange.<br>1 off exhaust connections Ø250.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chute modules | Type Y - Standard: Yellow. PVC/Polyester. Ø=800mm/H=625mm. Temperature -35°C - +70°C<br>Type B - Heavy Duty: Black. Synthetic rubber. Ø=800mm/H=625mm. Temperature -40°C - +130°C<br>Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø800/H625mm. Temp. -40°C - +150°C (peak +220°C)<br>Type Z - Low temperature: Green. PVC/PU. Ø800mm/H=625mm. Temperature -60°C - +70°C.<br>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.<br>Type L - Steel Overlapping. Steel, H=650mm, pt=2/4mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Outlet        | Type F - Flat outlet with dust skirt for open loading. Type T for closed loading.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Motor winch   | Motor 2.2-4kW, Gear box ratio 124-127:1, 1425-1460rpm. Tight wire indication on 1 hoisting wire and slack wire indication on 3 hoisting wires.<br>External 3-point wire hoist system with high precision ball bearings and 3 off winch discs vertically fitted.<br>2 off relief wires. Hoist/relief wires Ø8mm available in steel or stainless steel AISI316.<br>Wire rollers in steel or stainless steel with high precision ball bearings.                                                                                                                             |
| General info  | Max. loading capacity approx. 700 m³/hour.<br>Recommended connecting value for aspiration 3500 m³/hour 500-1500 Pa.<br>Metal parts available in steel st. 37, stainless steel AISI 304 or Hardox 400. Other steel qualities on demand.<br>Surface treatment st. 37/Hardox 400: Iron phosphating, 80 micron coating RAL 9010 pure white.<br>Surface treatment AISI 304: Acid-washed without any further treatment.<br>Optional: Hot dip galvanized inlet/outlet.<br>Available with full approval and certificates for location in ATEX zone 22 (zone 20 inside the chute) |

# MODUFLEX LOADING CHUTE

## A500

### A500

Outlet type F

| Cone | Steel  |       |        |
|------|--------|-------|--------|
| M    | L1     | L2    | L3     |
| 1    | 2 177  | 1 642 | 535    |
| 2    | 2 802  | 1 732 | 1 070  |
| 3    | 3 427  | 1 822 | 1 605  |
| 4    | 4 052  | 1 912 | 2 140  |
| 5    | 4 677  | 2 002 | 2 675  |
| 6    | 5 302  | 2 092 | 3 210  |
| 7    | 5 927  | 2 182 | 3 745  |
| 8    | 6 552  | 2 272 | 4 280  |
| 9    | 7 177  | 2 362 | 4 815  |
| 10   | 7 802  | 2 452 | 5 350  |
| 11   | 8 427  | 2 542 | 5 885  |
| 12   | 9 052  | 2 632 | 6 420  |
| 13   | 9 677  | 2 722 | 6 955  |
| 14   | 10 302 | 2 812 | 7 490  |
| 15   | 10 927 | 2 902 | 8 025  |
| 16   | 11 552 | 2 992 | 8 560  |
| 17   | 12 177 | 3 082 | 9 095  |
| 18   | 12 802 | 3 172 | 9 630  |
| 19   | 13 427 | 3 262 | 10 165 |
| 20   | 14 052 | 3 352 | 10 700 |
| 21   | 14 677 | 3 442 | 11 235 |
| 22   | 15 302 | 3 532 | 11 770 |
| 23   | 15 927 | 3 622 | 12 305 |
| 24   | 16 552 | 3 712 | 12 840 |
| 25   | 17 177 | 3 802 | 13 375 |
| 26   | 17 802 | 3 892 | 13 910 |
| 27   | 18 427 | 3 982 | 14 445 |
| 28   | 19 052 | 4 072 | 14 980 |
| 29   | 19 677 | 4 162 | 15 515 |
| 30   | 20 302 | 4 252 | 16 050 |
| 31   | 20 927 | 4 342 | 16 585 |
| 32   | 21 552 | 4 432 | 17 120 |
| 33   | 22 177 | 4 522 | 17 655 |
| 34   | 22 802 | 4 612 | 18 190 |
| 35   | 23 427 | 4 702 | 18 725 |
| 36   | 24 052 | 4 792 | 19 260 |
| 37   | 24 677 | 4 882 | 19 795 |
| 38   | 25 302 | 4 972 | 20 330 |
| 39   | 25 927 | 5 062 | 20 865 |
| 40   | 26 552 | 5 152 | 21 400 |

