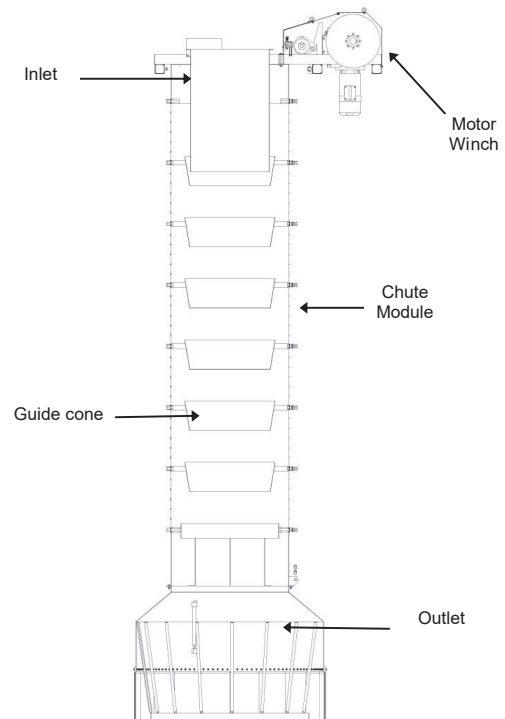
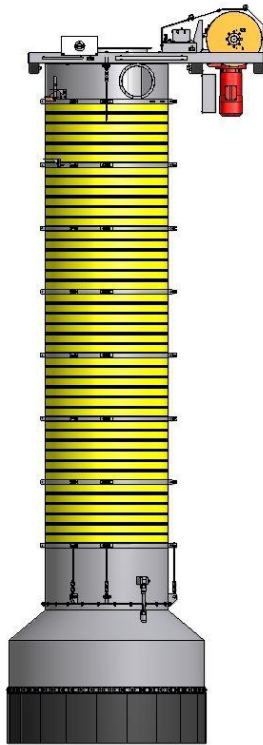




# MODUFLEX LOADING CHUTE V800F

## GENERAL

|             |                                                          |
|-------------|----------------------------------------------------------|
| Brand       | Cimbria                                                  |
| Designation | Moduflex Loading Chute                                   |
| Model       | V800F                                                    |
| Use         | Designed for dust-free out-loading of dry bulk material. |



## Technical Information - V800F

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inlet         | Cylindrical Inlet tube in 4/6 mm steel. With Ø800mm connection with flange.<br>2 off exhaust connections Ø300mm with flange.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Chute modules | Type Y - Standard: Yellow. PVC/Polyester. Ø=1200mm/H=625mm. Temperature -35°C - +70°C<br>Type B - Heavy Duty: Black. Synthetic rubber. Ø=1200mm/H=625mm. Temperature -40°C - +130°C<br>Type R - High temperature: Red. Polyester and fiber/silicone rubber. Ø1200/H=625mm. Temp. -40°C - +150°C (peak +220°C)<br>Type Z - Low temperature: Green. PVC/PU. Ø1200mm/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. Option: Type T – Tank outlet for closed loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Motor winch   | Brake motor 2.2 – 7,5kW, 1425 - 1460 rpm. Gear box ratio 1:124 – 1:143. Tight and slack wire indication on all 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. 1800 m³/hour.<br>Recommended connecting value for aspiration 5000-10000 m³/hour 500-1500 Pa.<br>Metal parts available in steel st. 37, stainless steel Aisi 304 or steel Hardox 400. Other steel qualities on demand.<br>Surface treatment St. 37: 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 and motor frame<br>Available with full approval and certificates for location in ATEX zone 22 (zone 20 inside the chute) |

# MODUFLEX LOADING CHUTE

## V800F

### V800F

Outlet type F

| Cone | Steel  |       |        |
|------|--------|-------|--------|
| M    | L1     | L2    | L3     |
| 1    | 3 105  | 2 618 | 487    |
| 2    | 3 730  | 2 708 | 1 022  |
| 3    | 4 355  | 2 798 | 1 557  |
| 4    | 4 980  | 2 888 | 2 092  |
| 5    | 5 605  | 2 978 | 2 627  |
| 6    | 6 230  | 3 068 | 3 162  |
| 7    | 6 855  | 3 158 | 3 697  |
| 8    | 7 480  | 3 248 | 4 232  |
| 9    | 8 105  | 3 338 | 4 767  |
| 10   | 8 730  | 3 428 | 5 302  |
| 11   | 9 355  | 3 518 | 5 837  |
| 12   | 9 980  | 3 608 | 6 372  |
| 13   | 10 605 | 3 698 | 6 907  |
| 14   | 11 230 | 3 788 | 7 442  |
| 15   | 11 855 | 3 878 | 7 977  |
| 16   | 12 480 | 3 968 | 8 512  |
| 17   | 13 105 | 4 058 | 9 047  |
| 18   | 13 730 | 4 148 | 9 582  |
| 19   | 14 355 | 4 238 | 10 117 |
| 20   | 14 980 | 4 328 | 10 652 |
| 21   | 15 605 | 4 418 | 11 187 |
| 22   | 16 230 | 4 508 | 11 722 |
| 23   | 16 855 | 4 598 | 12 257 |
| 24   | 17 480 | 4 688 | 12 792 |
| 25   | 18 105 | 4 778 | 13 327 |
| 26   | 18 730 | 4 868 | 13 862 |
| 27   | 19 355 | 4 958 | 14 397 |
| 28   | 19 980 | 5 048 | 14 932 |
| 29   | 20 605 | 5 138 | 15 467 |
| 30   | 21 230 | 5 228 | 16 002 |
| 31   | 21 855 | 5 318 | 16 537 |
| 32   | 22 480 | 5 408 | 17 072 |
| 33   | 23 105 | 5 498 | 17 607 |
| 34   | 23 730 | 5 588 | 18 142 |
| 35   | 24 355 | 5 678 | 18 677 |
| 36   | 24 980 | 5 768 | 19 212 |
| 37   | 25 605 | 5 858 | 19 747 |
| 38   | 26 230 | 5 948 | 20 282 |
| 39   | 26 855 | 6 038 | 20 817 |
| 40   | 27 480 | 6 128 | 21 352 |

