

Dustfree loading, road & rail vehicles



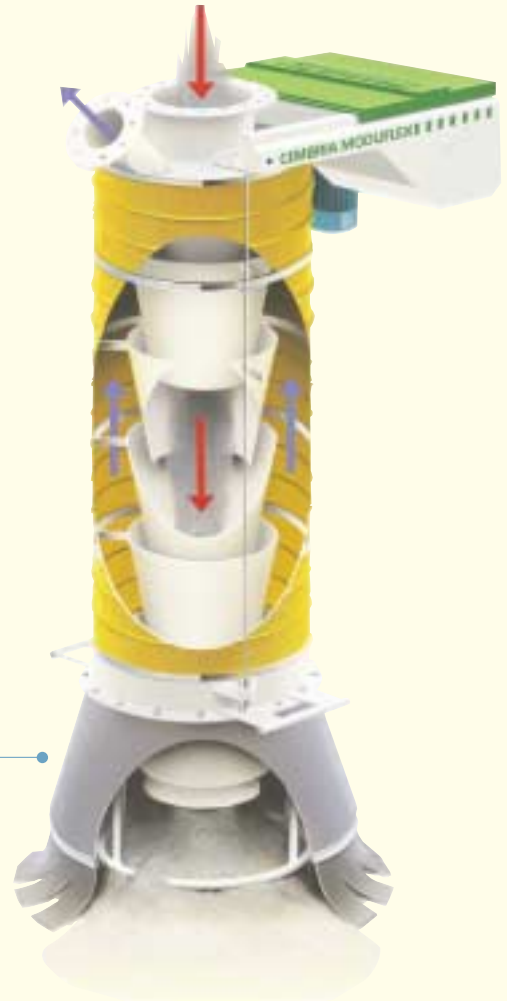
Dust control

Open loading:

When loading in flat bed truck, warehouses or the like the outlet of the bellow feeder rests on a pile of the product. A combination of a flexible dust skirt and an exhaust ensures the necessary negative pressure to achieve a dustfree loading.

Equipped with motor winch and a sensor placed in the outlet, the bellow feeder will be hoisted automatically as the loading proceeds.

By means of the internal wear cones the product stream is fed through the centre of the bellow feeder and keeps the product separated from the upward moving exhaust air.



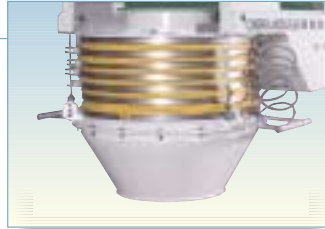
Closed loading:

A dustproof connection is formed when the outlet of the bellow feeder rests on the inlet of the tanker truck. The exhaust ensures that the air which is being displaced by the product inside the tanker truck, does not develop an overpressure with heavy dust emission.

Equipped with motor winch the bellow feeder will automatically follow the tanker truck when it sinks because of increasing weight. A sensor in the outlet stops the loading before the tanker truck is being overloaded.

The outlet can be equipped with a closing cone which automatically blocks the outlet of the bellow feeder to avoid spillage and unwanted entry of insects and birds etc.

S 300, S 400, S 500



Type S: For loading granulates, grain, sugar, flour and similar products with moderate wear and dust characteristics.

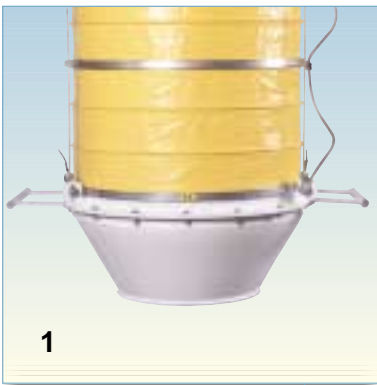


Modular construction:

Makes the replacement of modules quick and easy. Internal wear cones in different materials. External connection rings in stainless steel c/w heavy duty wire guides in nylon.



Motor winch: The motor frame is reliable and easy to service /maintain with external 3 point wiring c/w indication of tight and slack wire.



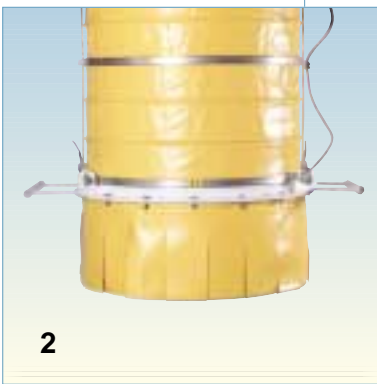
1: T-outlet: For loading in tanker truck. Can be supplied with rubber covering on the outer surface.

2: F-outlet: C/w dust skirt for open loading.

3: TF-outlet: Combination of T- and F-outlet. Can be equipped with electrical raising and lowering of skirt.



Hand winch: Inlet or wall mounted types available.



S500: F-outlet c/w heavy duty dust skirt for loading in open truck, pile, ship or open warehouse.



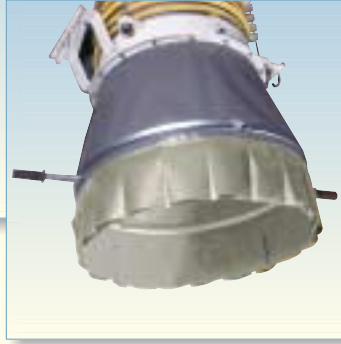
HD 300, HD 400



F-outlet: C/w heavy dust skirt for open loading.



T-outlet: For tanker trucks. With internal cone for optimum separation of material and exhaust air. Can be supplied with rubber on outlet.



TF-outlet: Combination of T- and F-outlet. Can be supplied with electrically operated skirt.



Type HD: "Heavy duty" bellow feeder for loading very dusty and abrasive products like powder, cement, fly ash, chalk and the like. Here shown in high temperature version.

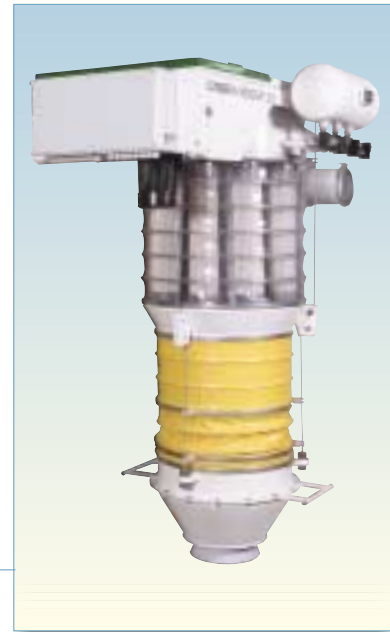
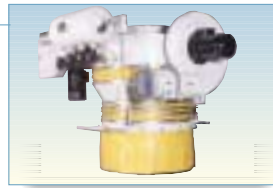


Modular construction: Better separation of material and exhaust air. Can be supplied in either mild steel or stainless steel.

F 300, HDF 300

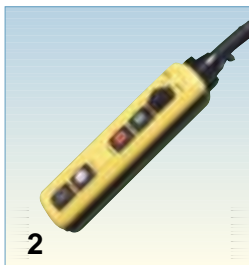


F300: A complete solution with built-in filterbags and fan. The cleaning of filters takes place automatically by means of compressed air from the air receiver. The dust from the filter will hereby follow the material during loading. Applied for loading products with moderate wear and dust characteristics. The filter module is retractable and therefore only requires a minimal increase in build-in height. Other construction like type S300.



HDF300: "Heavy duty" bellow feeder with built-in cartridge filter which gives a larger filter area. Applied for loading finer products with very abrasive and dusty characteristics, like cement, powder, fly ash, chalk and the like. Other construction like type HD300.

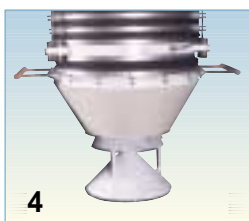
Accessories



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2: Electrical equipment

Wide range of electrical controls, indicators in outlet etc.



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4: Closing cone, mechanical

For T-outlet. Automatically blocks the outlet when the bellow feeder is not being used.

1: Vibrator

Operated at the end of the loading cycle prior to raising the bellow.



1

3: Disperser

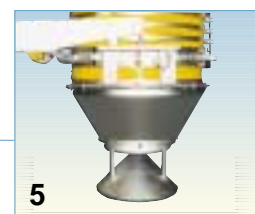
Spreads the material for maximum utilization when loading in tanker trucks.



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5: Closing cone, electrical

Is applied combined with the TF-outlet.



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