

Reference Sheet 300.30

Loading Chute VF500F/26

Type of project:	Loading of soy flour into open ship
Scope of supply:	1 unit
Capacity:	700 m ³ /h
Client:	Denofa A/S in Norway
Year:	2003



Detail Information

The VF dust-free loading system has been developed primarily for high capacity ship loading installations that necessitate the use of a loading chute of exceptional vertical length.

Unlike other high capacity loading chutes, the VF unit has a dust removal and filtration module incorporated into the head of the delivery outlet. In the VF design, the delivery outlet is housed within an outer cylindrical dust guard structure equipped with a flexible skirt. Dust particles are sucked upward through the annular space between the

delivery outlet and the outer skirted structure and into the filtration modules.

The number of filtration is determined by the system's throughput capacity. Each module is fully self-contained, with its own filter, compressor, pressure tank, ventilator, and magnetic return valve units. A reverse jet system returns all filtered dust into the material stream as it falls past the upper section of the delivery outlet.

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