

Reference Sheet 300.52

Loading chute D300MHYL/13



Type of project:	Loading of powder and gluten into tanker trucks and flatbed trucks
Scope of supply:	2 units
Capacity:	100 t/h / 150-250 m ³ /h
Client:	Holimex / Hungrana Kft.
Year:	2009



Detail Information

The Hungarian company Hungrana Kft., one of the leading suppliers of starch derivatives and starch progenies in EU and part of the Tate & Lyle organization, needed out-loading equipment for loading powder and gluten into both open and closed truck from the same installation. Both products are fine powders which are very dusty and particular difficult to load into flatbed trucks.

The solution was 2 Moduflex loading chutes of the type D300 with multi outlets. The D-model has a sturdy construction and is supplied with an integrated filter module. The filter is a fully self-contained unit with 9 filter cartridges giving a total area of 7 m².

The chutes are equipped with 13 chute modules with internal overlapping steel cones. This construction gives an optimal separation of material and exhaust air and therefore reduces the risk of sucking out product with the exhaust air.

The chutes are equipped with a multi outlet for both open and closed loading. The multi outlet is a combination of tanker and flat outlet which means it is equipped with both an outlet cone and a dust skirt. When loading into flatbed truck the dust skirt is lowered in order to encapsulate the dust arising from the pile during the process. When loading into tanker truck, the dust skirt is raised and fastened on grips, and the chute outlet rests on the tanker truck hatch and ensures a tight connection which minimizes dust emitting during the loading process.

A rotating indicator mounted in the chute outlet acts as a level control. In closed loading it will stop the loading process when the material reaches the indicator in order to prevent the tanker truck from being overfilled. When loading into open truck the rotating indicator ensures continuously hoisting of the chute head as the loading progresses.

The chutes have a loading capacity ranging from 100-250 m³ depending on the powder being loaded.

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