

Reference Sheet 300.49

Loading Chute V1000F/17



Type of project:	Loading coal into open ship
Scope of supply:	1 unit
Capacity:	2000 t/h
Client:	MacGregor, Sweden
Year:	2009



Detail Information

The large supplier of cargo transportation solutions, MacGregor in Sweden, needed equipment for a loading installation for outloading coal into open ship.

The solution was a V1000 Moduflex loading chute with 17 chute modules. The modular construction enables modification and repairs with a minimum of downtime.

In order to ensure that the loading chute is hanging vertical at all times, the chute is equipped with a cardan joint.

The loading chute is supplied with a Ø1000 inlet. Both the cardan joint and the inlet are supplied with a special inliner, a hard metal covering on all wearing surfaces.

For optimal separation of material and exhaust air, the chute has internal overlapping steel cones in Hardox 400.

The outlet is equipped with a rubber skirt which ensures a tight connection between chute outlet and product pile and through that minimizes the escape of dust during the outloading process.

Two rotating indicators mounted in the outlet and one extra indicator mounted in the upper part of the outlet ensure an automatic hoisting of the chute during the loading process.

The chute has a loading capacity of 2000 t/h when outloading coal with a particle size of 0-150 mm and a gravity of 0,8-1,2. The chute has a minimum length of 6,800 mm and a maximum length of 18,275 mm inclusive the cardan joint.