

Reference Sheet 300.43

Loading chute D300THYL/8, F300TSYJ/6

Positioning unit P300HR1000



Type of project: Loading limestone into tanker trucks and rail wagons.
Scope of supply: 4 D300 loading chutes, 2 F300 loading chutes, 6 P300 positioning units
Capacity: 250 m³
Client: Limestone Mine Czatkowice Ltd.
Year: 2007



Detail Information

The Polish limeworks Kopalnia Wapienia "Czatkowice" needed a flexible outloading system which could fulfil a need for outloading lime into tanker trucks and rail wagons from the same silo battery. The solution was four D300 and 2 F300 Moduflex loading chutes each fitted on a FlexPositioner.

Both types of loading chutes have integrated fully self-contained filter modules. The F300 units have a filter area on 2,5 m² whereas the D300's have an filter area on 7 m².

Each chute is equipped with a mechanically FlexClose in order to avoid spillage when the chute is being retracted, and a FlexVib which enables to clean the chute from remaining material after the loading process has stopped.

Each chute is fitted on a FlexPositioner of the type HR1000, a motorized positioning unit that reduces road and rail tanker truck loading turn round time. The positioner unit has a 500 mm travel length from the centre point of the outlet and it can be rotated 90° to the left and to the right giving the loading chute a 360° working area.

Both chutes and positioning units are operated by remote controls which save operating time and increases safety.

Furthermore, on request from the customer, Cimbría Moduflex has delivered 1 spherical valve, 1 pneumatic valve and 1 manual slide valve for each chute.



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