



Guided arm vibrating screen for proteins

Product group: Trough conveyor

Industrial process: Discharging, feeding, conveying

Industry: Food, Animal Feed

Type of drive: Magnetic vibrator



capacity (t/h): 7,5 m³/h | **bulk:** Vegetable protein | **density (t/m³):** 0,02 - 0,3 | **grain size (mm):** 0 - 15

function:

The product has to be discharged from a bunker and all fine parts have to be separated from the coarse grain for the further process. Very good sealing and economical cleaning intervals were further basic requirements for the screening. The loading of a multi-head weigher also requires the possibility of a quick start/stop for the conveying process.

solution:

The customer received a guided arm vibrating screen type OLR 500 / 2500-2MV421 / 16 with a width of 500 mm and a length of 2500 mm with magnetic drive and frequency controlled. Due to the high standards QS2.1 in the food industry, the trough and the cover were made of stainless steel 1.4571 polished electrochemically. The screen linings were installed in a trough-shaped construction for sealing reasons and balls ensure constant cleaning. Ergonomic quick-release fasteners the long cleaning intervals have also been installed.

usability:

The vibrating screen has a very low energy consumption, is very quiet and there is a very gentle conveyance with a compact and flat design. The well-sealed screen results in a fairly pure product. The wide range of conveying capacity as well as the quick start/stop activation bring the necessary flexibility in the production process.

place of installation: France