

## High-Capacity Square Plansifter PLS

for the classification of cereals, primarily  
separation in milled rice fractions



# High-Capacity Square Plansifter PLS

## Description

The plansifter virtually comprises the steel structure, which carries the free-swinging screen box supported by suitable suspension rods. A centrifugal weight actuated via electric motor with V-belt drive provides for the circular movement of the screen box.

Textile sleeves ensure flexible connection between the stationary steel structure and the firmly integrated inlet and outlet boards. Pull rings are provided to fasten the sleeves to the inlet and outlet spouts. The screen mesh is determined on the basis of the diagram.

## Function

The product to be classified enters the plansifter via the inlet board and the flexible textile sleeves. Screen frames covered with suitably selected screens receive the product which is uniformly distributed in the machine inlet over one or several screens for pre-classification. The tailings either pass through further screens or drop into the discharge

compartment. The same applies to the throughs from the pre-classification screens, which are subjected to screening until the desired fractionating will have been achieved. The various fractions are collected and guided through corresponding channels to the outlet board.



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