



Screening of fine material in recycled wood

Product group: Linear vibrating screen

Industrial process: screening, classifying, dewatering

Industry: Recycling, Environment, Glass

Type of drive: Unbalance motor



capacity (t/h): 1,5 | bulk: Biomasseschnitzel | density (t/m³): 0,15 | grain size (mm): 0 - 50 (120)
function:

Within a wood recycling process the fines should be filtered out of shredded wood. The particle sizes are at 20% <5 mm and 80% > 5 mm. The necessary separation size is 5 mm. The wood has a moisture content of 8-12%. Feeding from a screw conveyor vertically downwards. The screen is to be installed outdoors.

solution:

AVITEQ sold a linear vibrating screen (VSB700 / 4000 UVG30W) with unbalanced motors. The screen has a length of 4,000 mm and a width of 700 mm. In order to distribute the material clean over the entire width, distribution panels were used in the inlet section. Rubber inspection covers were integrated in order to perform a quick check of the condition of the screen lining.

usability:

- High screening quality through special screen linings

- Durable and selected for outdoor use unbalanced vibrators

place of installation: Switzerland