



## Trough conveyor for separating light materials

Product group: Trough conveyor

Industrial process: Discharging, feeding, conveying

Industry: Recycling, Environment, Glass

Type of drive: Unbalance motor



capacity (t/h): 30 | bulk: shards | density (t/m<sup>3</sup>): 1 | grain size (mm): 3 - 150

function:

Inside a glass recycling plant, fine snippets to be sorted out from shards. The bulk material (shards are very abrasive.

solution:

AVITEQ provided a vibrating trough conveyor in a specially adapted design (OA 4000/2000 ASS UVN95W). The conveyor trough is 4000 mm long and 2000 mm wide. The material is loaded in the center of the upper section and is distributed inside the two outlets. At the same time air is introduced into the chute to blow light material (paper) upwards. The lightweight material leaves the chute, then through the two upper outlets. The vibrating conveyor is designed in the interior that the material is circulated. Characterized the light material is more easily detected by the air flow. Against the abrasive shards the vibrating chute has integrated with a wear-resistant lining (EIPA 480).

usability:

- Robust and durable design
- Easily removable covers

place of installation: USA