

Contents measurement in light plastic foil cuttings

The challenge

Our customer required to monitor the contents of a foil cuttings storage silo. The extremely light bulk density and the undefined surface level required a very sensitive measurement. The foil comes from recycling plants and is detached from tetra packs. The foil cuttings are then used as raw material for further foil production. The fill level is monitored via visual display and is linked to the plant control system. Ultrasound equipment has so far been unsuccessful.

Our solution

The UWT lot system NB 3100 fulfills these requirements. The sure to function high-tech lot offers a high measurement accuracy and reliability by using a folding canvas parachute sensor weight. The NB 3100 is predestined for such difficult applications in which other measurement technology has been unsuccessful.

Products



NB 3100 Rope Version

Continuous Level Measurement

- Suitable for use in most granular and coarse bulk materials.
- Threaded or flange mounting.
- Measuring range up to 30m.
- Convenient level monitoring via Modbus interface together with price competitive NivoTec 3500/4500.