



## Powder hopper

For Tetra Pak® High Shear Mixers



### Highlights

- Dust-free applications
- High standard of hygiene
- Ergonomic design
- Atex compliance
- Cleanable by CIP (only for selected models)

### Application

These powder hoppers are designed to be used with Tetra Pak® High Shear Mixers with vacuum.

The 100, 250 and 2 000 litres open top powder hoppers are for manual de-bagging. Big bags can also be emptied into the 2000 litres hopper.

The 350 litres powder hopper is designed for adding medium-sized amounts of powder to the vacuum mixer. It is a closed unit with CIP capability and connection for external dust extraction.

### Working principle

Powders are loaded into the hoppers from the top. For the larger models, a platform is required.

The powders are sucked into the mixer in a dense powder phase to minimise air incorporation.

The vibrating motor prevents bridging and rat holes during powder intake. The distance between hopper and mixer can be up to 8 metres.

# Powder hopper



## SPH-100, SPH-250 and SPH-2000

- Vibrating motor
- Level sensor
- Grill 150x150 mm

### Options

- Load cells with transmitter
- Mesh 10x10 mm for lump prevention
- Removable lid
- Closed top with CIP

Closed



## SPT-350

- Vibrating motor
- Level sensor
- Lid
- Grill 150x150 mm
- Safety switch for lid
- Sack table

### Options

- Load cells with transmitter
- Mesh 10x10 mm for lump prevention
- Connection for dust Hoover
- Spray-ball and drain for CIP
- Atex components

Open



## Technical data

| Dimensions   | SPH-100 | SPH-250 | SPH-2000 | SPT-350 |
|--------------|---------|---------|----------|---------|
| Volume, l    | 100     | 250     | 2000     | 350     |
| Weight, kg   | 60      | 85      | 250      | 195     |
| Width, mm    | -       | -       | -        | 1 050   |
| Length, mm   | -       | -       | -        | 1 050   |
| Height, mm   | 1 000   | 1 275   | 3 000    | 2 200   |
| Diameter, mm | Ø600    | Ø954    | Ø1250    | -       |