



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	-