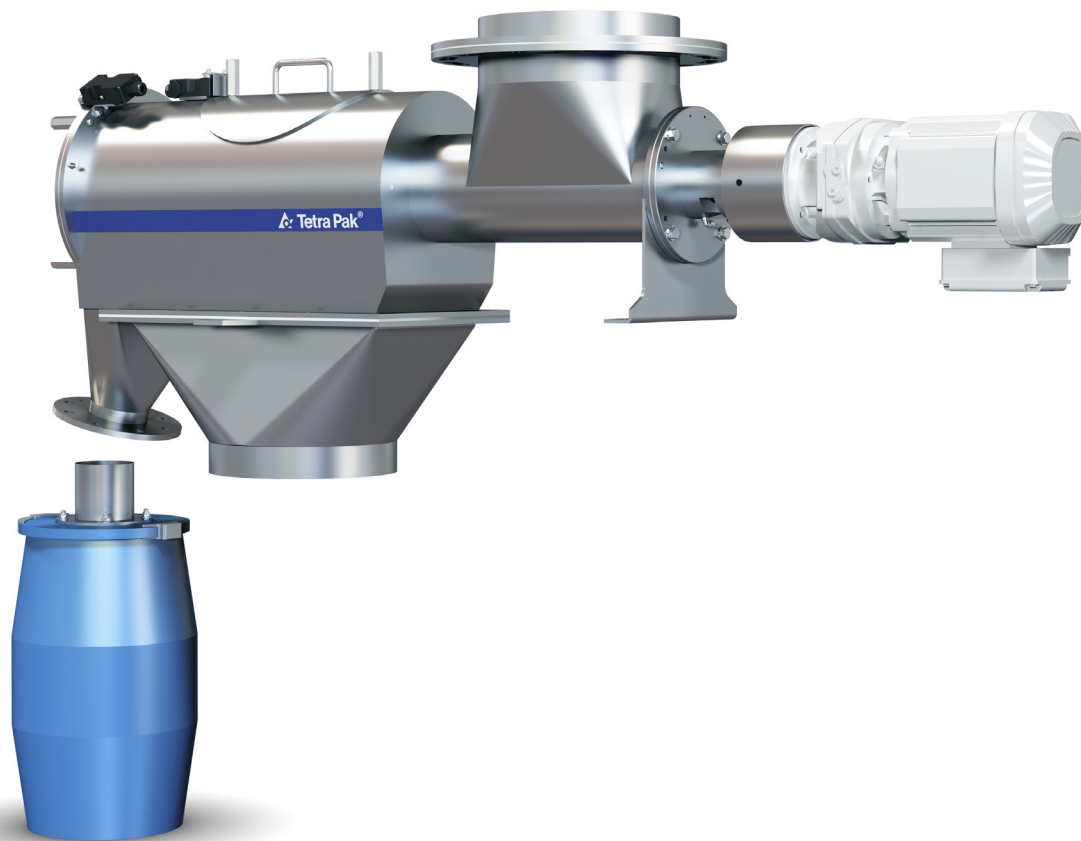




Tetra Pak® Sifter TR201

Safety centrifugal sifter



Application

Tetra Pak® Sifter TR201 prevents foreign bodies from entering the process line and safeguards product quality (oversize particles are rejected and collected at the sifter outlet). The sifter is fully suitable for all sectors of the food industry including dairy, confectionery, culinary and beverage applications.

Highlights

- Easy and permanent cleaning of the sieve
- Quiet, vibration-free
- Easy dismantling
- Robust design
- Pressurized bearing
- Made of stainless steel
- ATEX-rated

Working principle

Tetra Pak® Sifter TR201 uses centrifugal forces to sieve powders.

The product passes through a short screw conveyor to feed the sifting chamber.

A rotor with blades throws the product against the tube-shaped sieve. In this way, tumbling particles go through the sieve to reach the sifter outlet. Particles larger than the sieve mesh are rejected and transferred to a sifter outlet.

For better efficiency, the flow of products entering the sifter must be regulated.

Basic unit

The Tetra Pak® Bag Sifter TR201 is a compact unit with an inspection hatch and easy dismantling of the sieve.

It is equipped with a safety switch to ensure safe maintenance operations.

Inlet and outlet flanges fit onto a wide range of upstream and downstream connections.

Dimensions

| Type | A | B | C | D | E | EA |
|-------|--------|--------|--------|---------|--------|--------|
| TR201 | 304 mm | 445 mm | 445 mm | 1885 mm | 580 mm | 540 mm |

Examples of typical capacities

| | Ø5 | Ø3 | Ø2 |
|-------|--------|----------|--------|
| Sugar | 15 T/h | 11.5 T/h | 10 T/h |
| Flour | 13 T/h | 10 T/h | 9 T/h |

Main components

1. Housing with: inlet box, flanges with lip seal bearings
2. Geared motor with direct coupling
3. Screw for product introduction
4. Rotor with blades
5. 5 mm opening sieve made of perforated plate in stainless steel grade AISI 304
6. Container for sifter rejects

Options

- Specific sieve material (stainless steel 316L or 430L)
- Other sieve opening (2 to 4 mm)
- Inlets / Outlets (D204 to D304)

Consumption data

| Electrical power | |
|------------------|--------------|
| 2.1 kW | 400 V, 50 Hz |

