

ADVANCED POWDER HANDLING SOLUTIONS
for food industry and bakeries

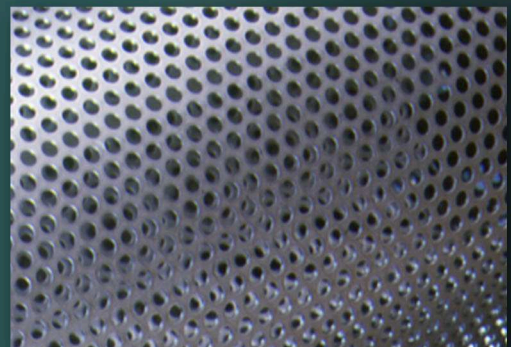
Centrifugal sifter EX 710

for safe sifting of powders and granules



Maximum Safety:
Equipped with ATEX certified
flame arresters

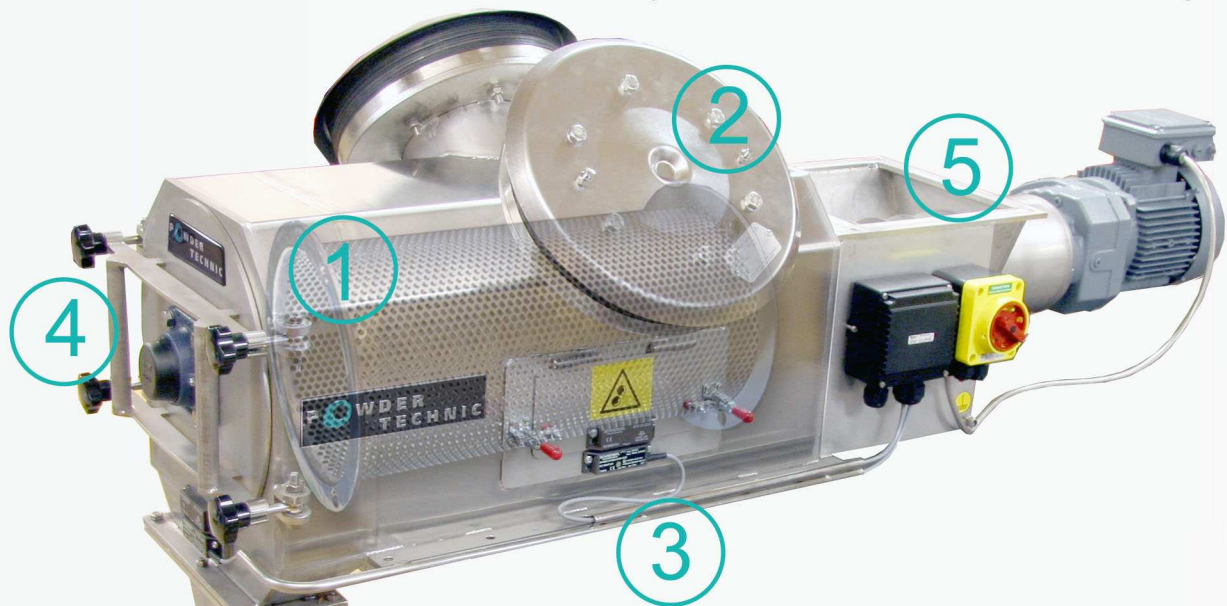
Maximum Durability:
Sifter screen made
of heavy-duty perforated
plate



Features and benefits

1. Heavy-duty sifting screen made of stainless steel perforated plate

- ▶ Maximum reliability: over-size particle cannot pass the steel screen in any situation
- ▶ Maximum durability vs nylon /wire screens: the break-down of the screen by a steel particle (bolt etc.) is impossible
- ▶ Maximum economic efficiency: the perforated plate screen don't wear like nylon/steel wire screen so it lasts longer



2. Equipped with ATEX approved explosion arresters to ensure maximum protection for man and equipment

- ▶ Maximum Safety :supresses hazardous blast flames, thus preventing further explosions and damage
- ▶ Reliable: relief valves are ATEX certified and have received top marks in numerous explosion tests.

3. Hinged inspection hatch

- ▶ It's easy to check the screen condition without tools

CE  II 3D



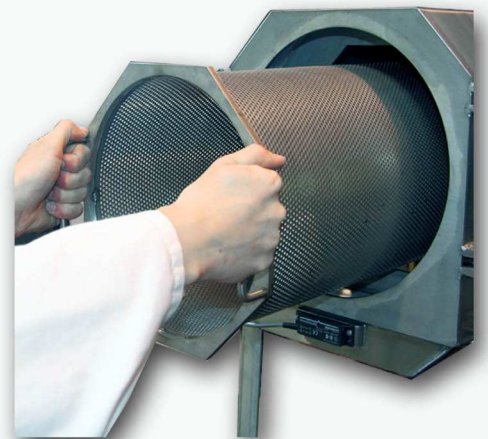
Centrifugal sifter

OPERATION PRINCIPLE

During operation , powder is fed into the inlet section of the sieve body. The auger section of the rotor then transports the material from the inlet into the screen assembly. At this point,the helical blades of the rotor propel the powder against the screen. Fine product passes through the screen into the primary discharge. Material too coarse to pass through is retained within the screen, where the helical blades move this waste material to the oversize discharge.

4. Easy-Open end cover

- ▶ The end cover can be easily removed without tools for sifter screen inspection and cleaning



Pic 1. The sifter screen is easily removable for inspection and cleaning.

5. Construction material: AISI 304 stainless steel

- ▶ Stainless steel with polished welding seams guarantee that the product is hygienic and fulfils food industry's quality requirements.



Pic 2. The sifter screen's condition is easily inspected from the hinged inspection hatch.

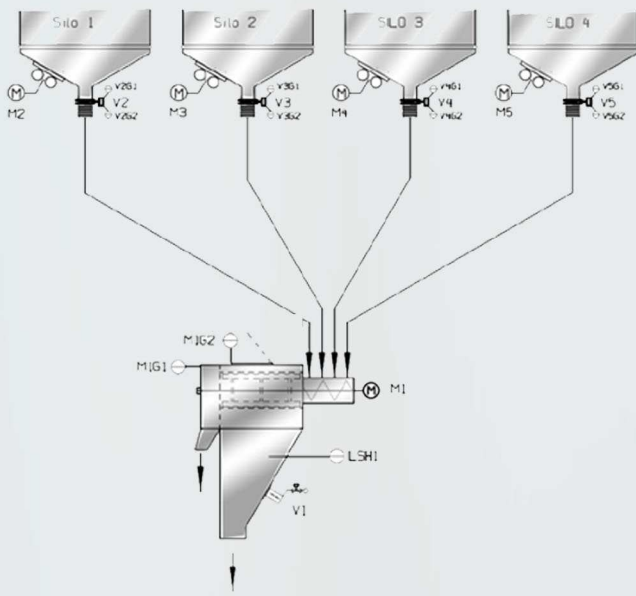
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Technical specifications

Manufacturer: Powder Technic Ltd.
Suitability: All dry powders and granules
(sugar,milk powder, ground coffee, salt,
spices,cmc-powder etc..)
Capacity: Up to 30.000 kg/h
Screen size: Standard sizes: 2mm, 3mm, 4mm,
10 mm
Gear Motor: Sew Eurodrive 2,7 kW, 553 rpm
Construction material:
-Parts in contact with the product:
Stainless steel AISI304
- frame: mild steel, epoxy painted,
stainless steel on request
Surface finishing :
standard feature: Pickling, Electrolyte polishing
on request
Interface: 400 V, 25A

Applications



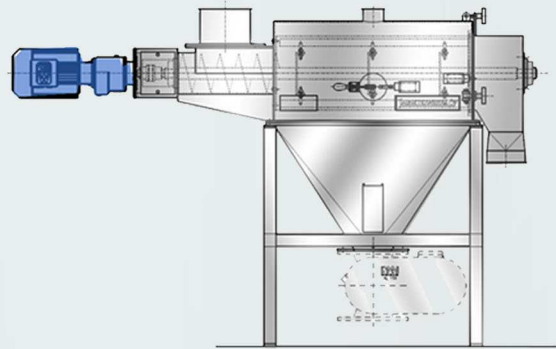
Sieving application for ground coffee.
The coffee is fed to the sieve from 4 silos.
The sieved product is fed to a packing machine.

Accessories



SIFTER SCREEN

- round holes: 2, 3, 4, 5,10 mm
- quadrate holes: 2,3,4,5,10,15 mm



ADAPTER FLANGE STANDARD

- bottom flange DN300
- tailored dimensions on request



ROTARY VALVE

- manufacturer: DMN-Westinghouse
- high filling efficiency
- Sheared angle inlet
- Explosion proof model
- Gear motor unit:Sew Eurodrive
- ATEXII 22