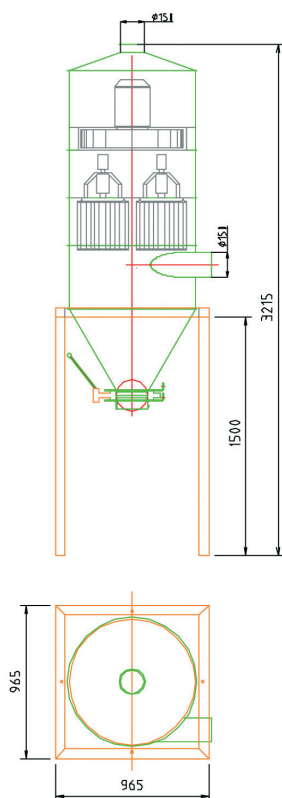


Central Extraction Station ZABS



Basic technical information

Station size:	acc. to calculation
Filter type:	dust filter cartridges 600 mm long
Filter container size:	800, 1.000 or 1.500 mm Ø
Filter container height:	acc. to calculation
Extraction ventilator:	24 m ³ /min (4.0 kW)
Sound level:	75 dB
Extraction points:	1 – 6
Construction material:	stainless steel
Dust bridge transport:	via bagging or pneumatic transport line pressure in 1 Silo
Filter air ventilation:	into the room or outside (up to 20 m)
Explosion protection equipment:	follows the prescription of the industry regulatory approval, ATEX!
Compressed air requirement:	Oil-water-free 6 bar 200 litres/min

Intended use

Extraction of the flour dust or ingredient dust which occurs through Silo filling, pre-dough machines, container filling or kneader filling, as well as Compo or bag emptying (Big Bags). The dust is extracted in the central extraction. The filter can be emptied into bags.

General function

The extraction ventilator extracts the dust into the filter cartridges and filters the extracted air with a dust content of under 5 mg/m³ air. Several round filter cartridges are found in the filter container, through which the flour dust is filtered. The cleaning of these filters is done by automatic compressed air cleaning. The air is extracted by the ventilator into the room or out into the open. The filter dust collects in the filter cone; a full indicator ensures a warning of overfilling. The filter dust must sometimes be bagged – optionally, this can also be carried into a Silo by a blower sluice using the frame.

Construction

The extraction station is made of stainless steel and a manual or electro-pneumatic lock flap in the outlet cone. The extraction ventilator has a sound level of 75 dB. The filter cleaning is via air pressure. Oil and water-free compressed air for cleaning system is to be furnished by others.

Symbol pictures – technical modifications reserved!