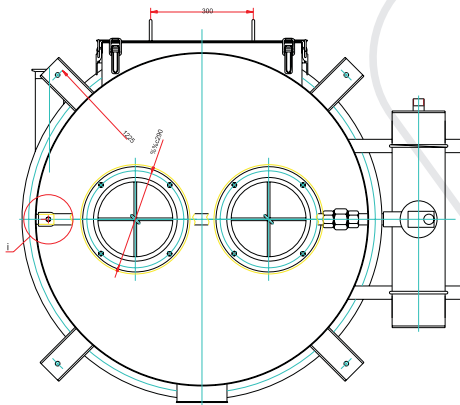
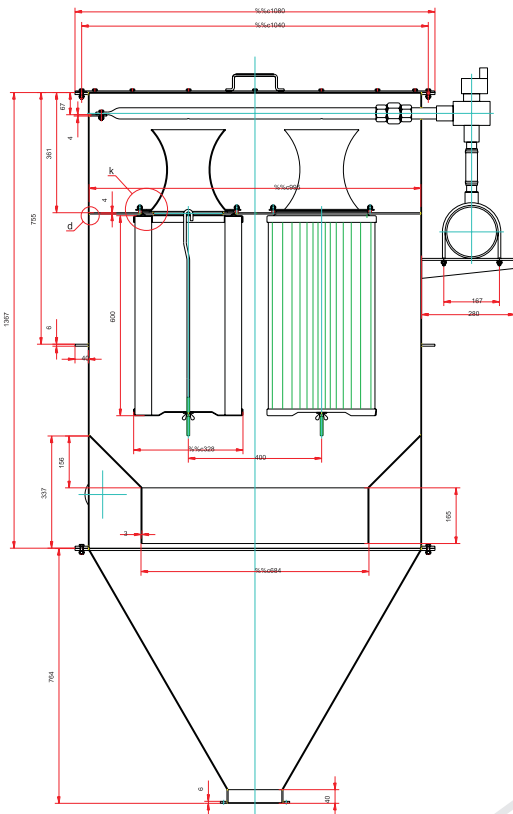


Dust collector

"Advanced technological systems for chemical and food industry"



Application:

Dust collectors are used for cleaning the air from solid impurities in aspiration systems of machines during pneumatic transport of loose materials. In food industry, dust collectors serve cleaning the air from solid impurities (dust) which appear as a result of processing of materials during the manufacturing process.

Advantages

Safety (explosion protection in areas where explosions frequently occur). Low price.

Description

Dust collectors consist of a hopper, a contaminated air chamber and a cleaned air chamber. The contaminated air chamber has in-built filtrating cartridges through which flows the air (the manufacturing of the cartridges prevents electrification, the electric charge is carried away).

The dust stays on the outer wall of the cartridge while the cleaned air flows through its inside to the cleaned air chamber. Next, the air is carried off outside the dust collector with the help of the exhaust fan. The bags are cleaned with the use of compressed air at pressure 0,6 Mpa.

Technical data:

Filtrating surface	5–500 m ²
Number of bags.....	1–300
Nominal diameter of the cartridge.....	327 mm
Nominal length of the cartridge	1 000 mm
Allowed pressure below atmospheric pressure	15 000 Pa
Allowed pressure above atmospheric pressure.....	20 000 Pa
Advised level of stopping air flow resistance	800–1500 Pa
Dust concentration at the outlet of the filter.....	50 mg/m ³

Offered devices can differ from presented on the photos.



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