

DEDUSTING CYCLONE AND MULTICYCLONE SYSTEM

- Vortex inertial centrifugal separators for dedusting dry gases.
- Dedusting of industrial process gases.
- Dedusting and separation of agricultural products.
- Dedusting flue gases from combustion processes of solid biomass or MSW .
- Product range of facilities with volumetric gas flow from 5,000 m³/h up to 48,000 m³/h



■ CYCLONE DEDUSTER



■ MULTICYCLONE DEDUSTER

■ TWO STAGE MULTICYCLONE DEDUSTING SYSTEM

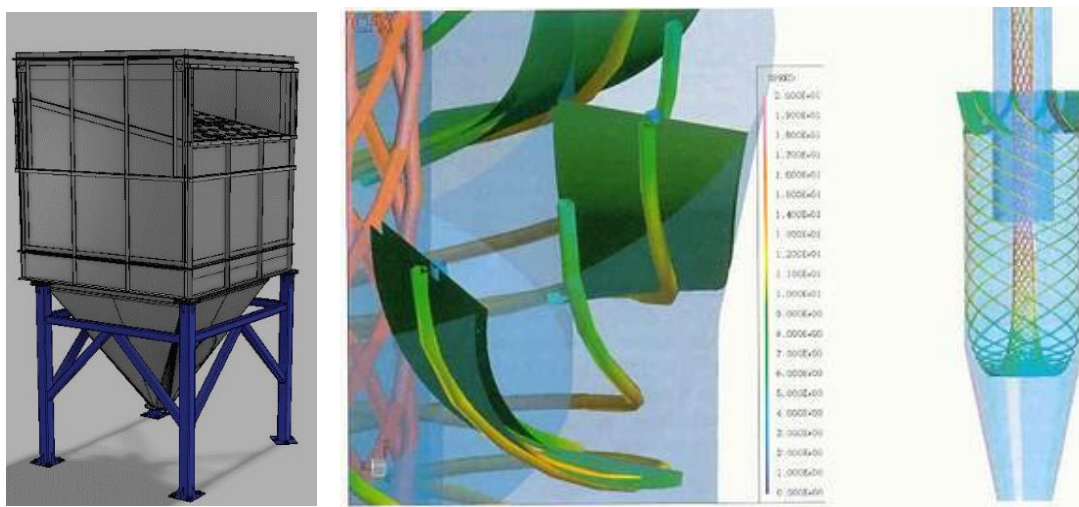


SHORT DESCRIPTION

The multicyclone is a dry type centrifugal swirl separator designed to achieve an efficient, in low pressure drop, cleaning of gases from dust particles with minimal operating costs.

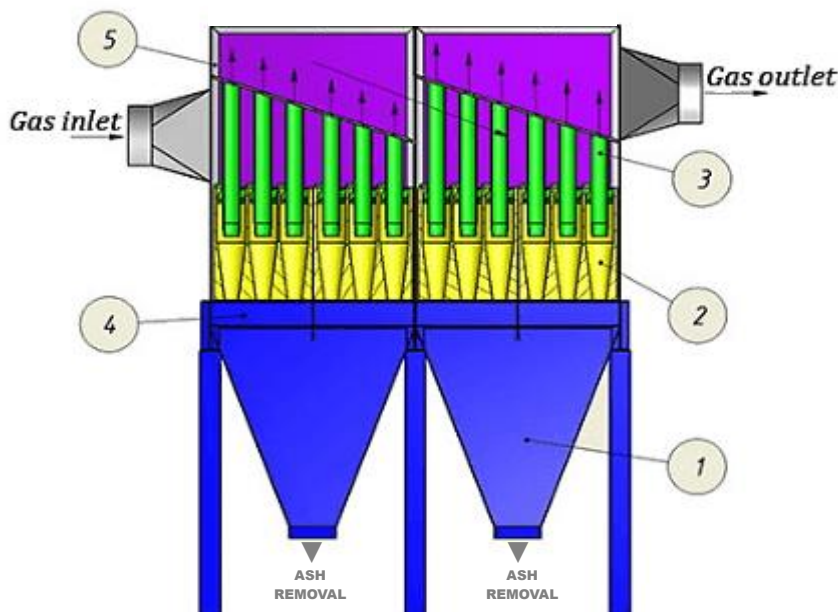
Its simple and robust construction ensures long-term operation and minimal need for maintenance.

The efficiency of dust cleaning for particles with size $5 \div 10\mu\text{m}$ is 85% - 90%, while for particles with larger size it reaches 98%. This equipment can operate with variable loads and a wide temperature range of gases.



- Product range of facilities with volumetric gas flow from 5,000 m³/h to 48,000 m³/h

PRINCIPLE DIAGRAM



- 1) ASH COLLECTING HOPER
- 2) CAST CYCLONE UNIT
- 3) CENTRIFUGAL SWIRL SEPARATOR
- 4) SUPPORT METAL STRUCTURE
- 5) MULTICYCLONE BODY



Certificate of Registration

This is to certify that:

USTREM SA.

5250 SVISHTOV, 78 PATRIARH EVTIMII STR.

Has been assessed by International Certification Register – Bulgaria Ltd.,
in respect of their Quality Management System and found to comply with

ISO 9001:2015

Approval is hereby granted for registration providing the rules
and conditions relating to certification are observed at all times

Certification Scope:

PRODUCTION OF METAL PRODUCTS AND SPARE PARTS.

Certificate Issue Date: 22nd December 2021
Expiration Date: 21st December 2024
Valid until: 21st December 2022

Certificate No.: Q9910421

The Seal of ICR – Bulgaria Ltd. was here
to affixed in the presence of:

Managing Director

