Naddeo




LOADING

# AIRS

Controlled aerodynamic separation of the product

| | |
|---|---|
| POTENZA | **4.8 Kw** |
| TENSIONE | **400V** |
| FREQUENZA | **50Hz** |
| PESO | **1100 Kg** |

# General configuration

The AIRS AEROSEPARATOR is an automatic system designed to separate the lighter parts from the main product by means of a controlled airflow, ensuring continuity and consistency during the process. The machine consists ofprodotto principale le parti più leggere mediante un flusso d'aria controllato, garantendo continuità e regolarità durante il processo. La macchina è costituita da:

- Stainless steel supporting structure;
- Two stainless steel axial fans for generating the airflow;
- Adjustable air nozzle to adapt the airflow to different operating conditions and product characteristics;
- Expansion chamber made of press-bent stainless steel sheet;
- Side access doors to facilitate inspection and cleaning;
- Motorized perforated counter-belt;
- Self-cleaning system to ensure continuous operation.

# Functional characteristics

The product passes through the separation area where the airflow, generated by the two axial fans, acts on the lighter components, allowing them to be separated from the main product. The adjustable air nozzle makes it possible to modulate the airflow according to product characteristics and process conditions. Separation takes place inside the expansion chamber, while the motorized and self-cleaning perforated counter-belt helps maintain a continuous and regular process, reducing the need for intervention during operation.

# Technical-functional summary

The AIRS 900 combines aerodynamic separation, airflow adjustment and continuous product handling in a single automatic solution. The possibility of adapting the intensity and direction of the air to different operating conditions allows effective separation of the lighter fractions, while the expansion chamber and the self-cleaning counter-belt promote process stability and continuity. The stainless steel construction and the accessibility of the machine's main areas complete a solution designed to ensure efficiency, hygiene and ease of management.