

Plastics Processing

RSM-310 Manual Bag Openers



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Description ▼

The RSM-310 Manual Bag Opener is manufactured from stainless steel and consists of a grille with a rest fitted to its front. The grille is mounted on top of a hopper which is supported by four feet. A fabricated hood with protection door fitted to its front covers the hopper and grille. RSM-310 Bag Openers are manufactured in high-finish-grade materials and come with or without integrated de-dusting filter unit. In the version with integrated dust filter the filter elements are cleaned pneumatically by reverse air jet.

Function ▼

The operator puts the bag on the rest and pushes it on to the grille. He then slits the bag open with a vertical cut and shakes it empty. While the bag content may be discharged through a hopper or by BINSWEEP®, a special rotary discharging device, into any type of feeder, the built-in fan operated, air jet cleaned dust collector filters the dust generated during emptying. The empty bag is dropped in the chute on the side which leads into the optional COM-type Waste Bag Compactor (see COM).

Manual RSM-310 Bag Openers are designed to minimise material residue. They satisfy a large number of applications due to their modular component design.



Application ▼

RSM-310 Manual Bag Openers are used to transfer the raw materials contained in bags to silos for storage. The material is normally conveyed pneumatically into the silo.

Benefits ▼

- ✓ **Space-saving overall dimensions and compact user-friendly design;**
- ✓ **Built-in fan-operated, air jet-cleaned, maintenance-friendly dust collector;**
- ✓ **With optional BINSWEEP® Rotary Discharging Device (see chapter)**
- ✓ **low overall height;**
- ✓ **Favourable price-performance ratio.**

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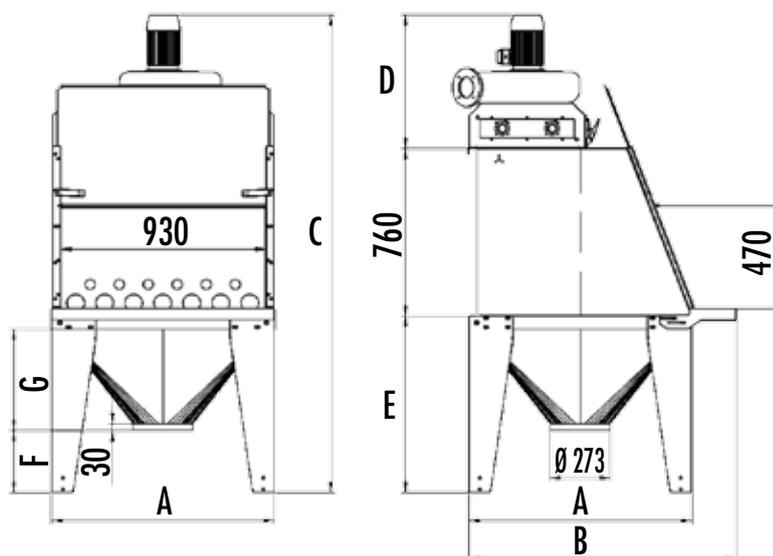
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Technical Features / Performance ▼

- ▶ Construction material: stainless steel
- ▶ Available with de-dusting filter or equipped for centralised dust suction
- ▶ Filter element options: cartridges, round bags, elliptical bags
- ▶ Filter surface from 3 to 22 m² (32 to 237 sq ft)
- ▶ Collecting hoppers with different capacity volumes
- ▶ Support feet with possibility of height adjustment
- ▶ ATEX compliant for zone 22

Overall Dimensions ▼



| | RSM 310 |
|-----|---------|
| A | 1,006 |
| B | 1,208 |
| C* | 2,166 |
| D* | 606 |
| E* | 800 |
| F** | 282 |
| G** | 458 |

* Depending on the height of the filter elements and on the type of support feet

** Depending on the hopper model

Further outlet dimensions reported in Technical Catalogue

This datasheet might not show the complete range but only the models most suitable for the application.