

# Biscuit Processing

RSM – RSMX Stainless Steel Manual Bag Openers



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## Description ▼

For the applications in this sector the RSM Manual Bag Opener is manufactured from stainless steel. It 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 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. For RSMX (ATEX-compliant version) special ATEX devices such as an acoustic alarm and a signal lamp warn the operator in case of an increase in temperature due to an overload of the fan motor.

## 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 is 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 into the chute on the side which leads into the optional COM-type Waste Bag Compactor (see COM).

Manual RSM Bag Openers are designed to minimise material residue. Due to their modular component design they satisfy a large number of applications.



## Application ▼

RSM Manual Bag Openers are used to transfer raw materials or additives contained in bags to the mixer or to a silo for storage. The material is conveyed pneumatically or mechanically into the mixer or 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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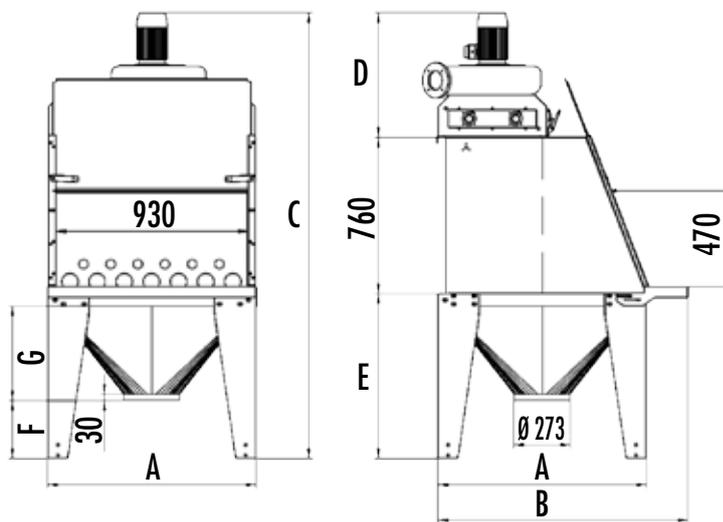
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## Technical Features / Performance ▼

- ▶ Material: stainless steel
- ▶ Available with de-dusting filter or equipped for centralised dust suction
- ▶ Filter element options: round bags, elliptical bags made of antistatic filter media in case of ATEX version
- ▶ Filter surface from 3 to 7m<sup>2</sup> (32 to 75 sq ft)
- ▶ Collecting hoppers with different capacity volumes
- ▶ Support feet with possibility of height adjustment
- ▶ ATEX-compliant for zone 22 on request

## Overall Dimensions ▼



|     | RSM03 |
|-----|-------|
| 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