R series

# The fastest way to collect trims

Nilfisk

R model on a packaging machine

Collection of trims from packaging machine

Power and capacity in a trim-extractor

To exploit the total container capacity, trims are progressively compacted on the bottom of the container

# The automation for the collection of trims

## Get top product qualilty and increase your efficiency

"R" industrial vacuums are used to extract trims (paper, plastic, textile) from production lines. Suction power, construction features and size are therefore tailored according to the production machines they need to serve.

**How do the R models work?**
The trim is extracted and recovered in the nylon liner. Thanks to the position of the motor, the liner is spread out and completely open and all product vacuumed in is neatly compacted on the bottom, optimising the capacity of the container. To empty the vacuum it is sufficient to open the lid and remove the nylon liner. Should the product consist of fine dust, an optional specific filter is available.

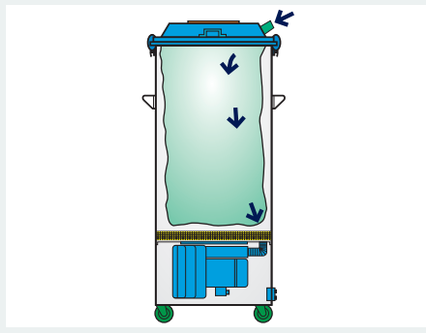
**The features:**
· Maintenance free
· Possibility to tightly compact off cuts in the liner
· Easy and quick disposal of waste material
· Quick visual level control thanks to the hole in the lid

**What are the benefits of Nilfisk R models?**
· Improved production time: the trim-extractor avoids machinery downtimes.
· Cleaner environments.
· Top quality products: removing the trims as soon as they are generated allows you to verify in real time if the finished product meets the high quality standards required, without clogging the cutting machines with waste materials.

These vacuums are mainly used in the following industrial sectors:
· Packaging: extraction of trims from packaging machines (stainless steel version is recommended);
· Textile: to extract trim and dust during manufacturing processes, in order to avoid machine stoppages and periods of inactivity;
· Paper: for continuous extraction of paper trim and dust during finishing processes in the production of paper goods.

# Plus

Window to control the trims level



Trims compression system offered by R models

Trims inside the container

Easy maintenance/replacement of the filter

## Technical specifications

| Description | Unit | R104 | R154 | R155 | R305 | 3507W R |
|---|---|---|---|---|---|---|
| Voltage | V | 230/400 | 230/400 | 230/400 | 230/400 | 230/400 |
| Frequency | Hz | 50 | 50 | 50 | 50 | 50 |
| Protection class | IP | 55 | 55 | 55 | 55 | 55 |
| Insulation class | Class | F | F | F | F | F |
| Rated power | kW | 0,9 | 1,1 | 1,1 | 2,2 | 4 |
| Airflow without hose | L/min | 2600 | 3300 | 3300 | 5100 | 8600 |
| Vacuum max | kPa | 22,5 | 20,5 | 20,5 | 31,3 | 29,4 |
| Sound pressure level | dB(A) | 68 | 72 | 72 | 75 | 74 |
| Container capacity | L | 114 | 114 | 150 | 150 | 215 |
| Main filter area | $cm^2$ | 11500 | 11500 | 14350 | 14350 | 19000 |
| Inlet | mm | 50 | 50 | 50 | 50 | 70 |
| Length x Width x Height | cm | 56x120 | 56x120 | 66x125 | 66x125 | 120x70x140 |
| Weight | kg | 38 | 40 | 47 | 61 | 155 |

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