

EM Packing Machine

Description

Catinet automatic carpet finishing and packaging machines are designed to carry out, in a very small space, all the final operations of the cleaning process: final brushing, fringe combing, edge gluing, vacuuming, measuring, cutting and preparation for transport. A rotating brush combined with a powerful suction system lifts the pile from the carpet and combs the fringes so that they are perfectly positioned before rolling and packing. The brush automatically adjusts to the thickness of each rug, while the conveyor belt moves the piece throughout the process and prepares it for packing quickly and ergonomically. All finishing and packaging tables are made of AISI 304 stainless steel and have been designed to comfortably handle all types of carpets in the smallest possible space.



Pros

- **100% AISI 304** stainless steel structure, which guarantees high durability, maximum hygiene and excellent resistance to corrosion in intensive environments.
- **Maximum operational safety**, designed to meet the highest standards of occupational and industrial safety and protect the operator.
- **High performance and reliability**, ensuring continuous operation and always homogeneous draining results.
- **Reduced electricity consumption**, with savings of more than 20%, optimising energy and reducing environmental impact.
- **Minimal maintenance**, which reduces downtime and service costs over the entire service life.
- **Lower total cost of ownership (TCO)** thanks to the combination of energy efficiency, low maintenance and long durability of the Components.



Features

- Perform the complete carpet finish in a single season: final brushing, edge gluing, stain removal, vacuuming and preparation for delivery.
- Lift the pile and comb the fringes using a rotating brush and a high-power suction system with two vacuum cleaners, improving the final appearance of the clean carpet.
- Automatically adjust the height of the brush to the thickness of the carpet using pneumatic systems, avoiding manual adjustments and ensuring uniform treatment.
- Move the rug on the table using a conveyor belt with pedal control, making it easier to handle even large pieces.
- Combine, in less than 4 m², the operations of collection, planing, rolling, packaging and measurement of carpets, optimizing space in the plant.
- Integrate, as an option, an automatic measurement and registration system that allows: to register the carpet in the system (dimensions, type, customer, operator), print identification labels and generate the necessary information for invoicing.

- Start the cycle with a single button, simplifying the operator's work and reducing set-up time.
- Include an arm with packaging film to carry out the final packaging quickly and cleanly.



Requirements



- Electricity to power the drive system, brush motors, conveyor belt and suction units.

- Compressed air for the operation of pneumatic devices that regulate the height of the brush and other automatic adjustment elements.

Suitable installation surface that allows the machine to be fixed to the floor or, where appropriate, mounted against the wall or on wheels, depending on the configuration requested.

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Technical data	EM SIMPLE	EM 300 S	EM 300	EM 400
Max Carpet wide	3.0 m	3.0 m	3.2 m	4.2 m
Clean with Brusch	No	Yes	Yes	Yes
Vacuum System	No	No	Yes	Yes
Table dimensions Wide	3.5 m	3.5 m	3.5 m	4.5 m
Table dimensions Long	1.0 m	1.0 m	1.0 m	1.0 m
Productivity (Carpets by the hour)	10	13	15	15
Support for the plastic film	Yes	Yes	Yes	Yes
Voltage (V)	2 x 230V	3 x 400V	3 x 400V	3 x 400V
Power supply	1.0 kW	4.5 kW	4.5 kW	5.5 kW
Dimensions Long	3.5 m	3.5 m	3.5 m	4.7 m
Dimensions Wide	1.2 m	1.4 m	1.4 m	1.4 m
Dimensions Height	1.5 m	1.5 m	1.5 m	1.5 m
Weight	325 Kg	375 Kg	450 Kg	525 Kg
Material	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304