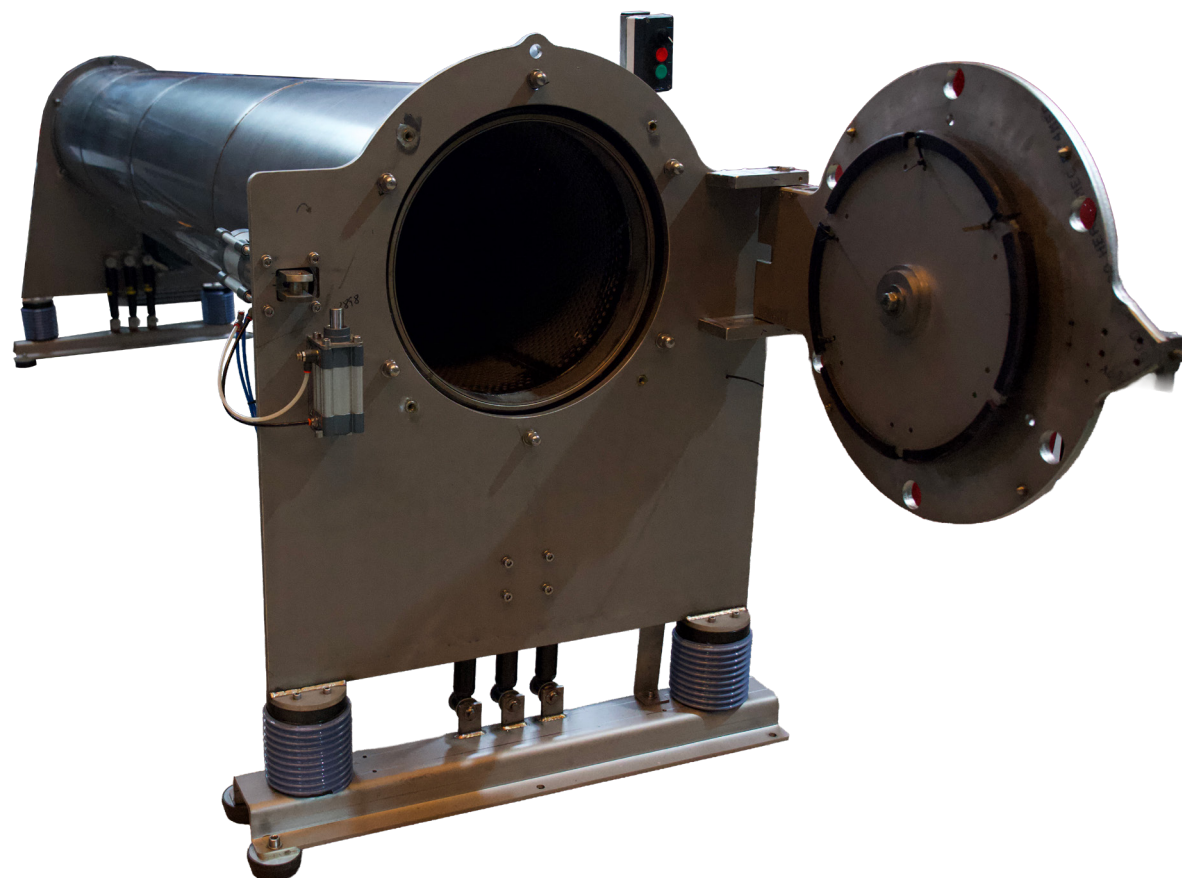


# CE Rug and carpet wringing machines centrifuges

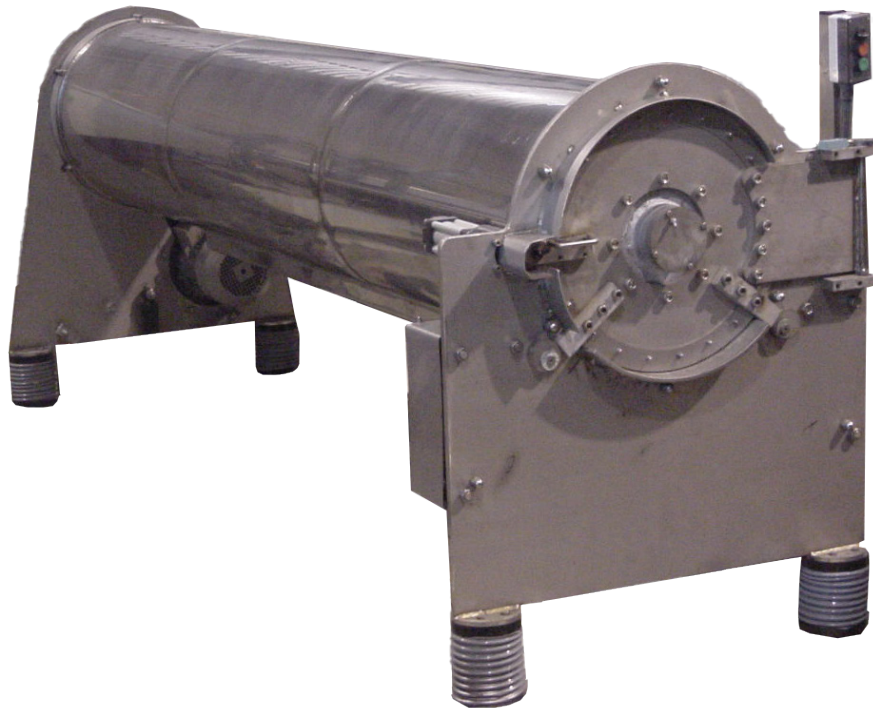
## *Description*

Catinet automatic rug and carpet Spin Dryer are designed to quickly and efficiently remove remaining water after washing, drastically reducing drying time. Thanks to the controlled spinning process, the discoloration of the fringes is avoided and the risk of deformations during drying is minimized, obtaining lighter, more stable and easier to handle carpets. The machine works with a progressive cycle: first it rotates at low speed so that the carpet adapts to the drum without bending or damage, and then it increases to the maximum speed to ensure the best possible wringing. The entire structure is made of AISI 304 stainless steel and mounted on elastic elements that absorb vibrations, so it does not require special foundations and maintains a very low noise level (<75 dB).



## Pros

- **Automatic cycle** with several phases, for effective water removal and maximum care of carpets and rugs.
- **The machine is operated by a single operator**, automatic opening and closing by button, start of the spin cycle by push button.

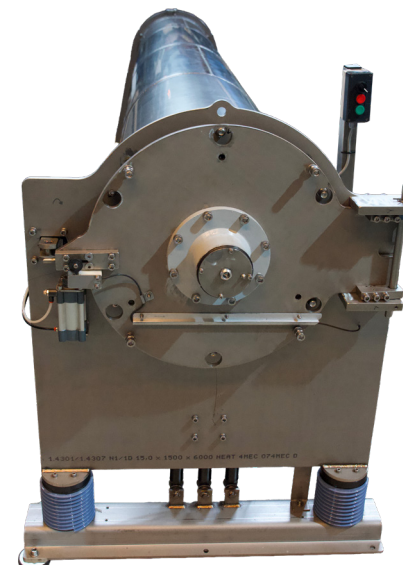


- **100% AISI 304 stainless steel structure**, which guarantees high durability, maximum hygiene and excellent resistance to corrosion in intensive environments.
- **Maximum operational safety**, designed to meet the highest standards of occupational and industrial safety and protect the operator.
- **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

- Fast removal of washing water, significantly reducing drying time and improving the final quality of the process.
- Automatic spin cycle with several phases: carpet loading, motorized door closing, slow adaptation turning, increase to maximum speed, deceleration and automatic winding at the end.
- Optimised loading system: the rug is rolled up and unrolled in the first turning phase, adapting to the basket without folds or tensions.
- Self-supporting stainless-steel structure (drum and chassis), mounted on high-quality springs/elastics that eliminate vibrations and avoid the need to inflate wheels or anchor to the ground.
- Automatic cycle control, with a standard duration of 3 minutes and the possibility of adjustment according to the customer's needs.
- Special function for long-pile rugs: the cycle time can be extended very easily depending on the type of carpet or rug for optimal wringing.

- Door opening by knob, without the need for a crank or additional effort on the part of the operator.
- Complete safety system: emergency stop, limit switch, double safety on the access door and imbalance control device.
- Large capacity drain to evacuate water quickly and safely.
- Long component life: bearings sized for an output of approximately 5,000 m<sup>2</sup>/month for 10 years.
- Includes specific tool to facilitate the removal of the carpet at the end of the cycle.



## Requirements

- Adequate power supply according to the machine configuration, to power the spin motor and automatic control system.
- Connection to the sewerage network for the evacuation of the water extracted during the draining process.
- Compressed air supply for the operation of the pneumatic elements associated with the locking or safety system (depending on the model).
- Level and resistant support surface, without the need for special foundations, thanks to the integrated vibration damping system.



## CE Rug and carpet wringing machines centrifuges

| Technical data                     | CE SIMPLE | CE 250 L  | CE 350 L  | CE 450 L  |
|------------------------------------|-----------|-----------|-----------|-----------|
| Drying by centrifugation           | Yes       | Yes       | Yes       | Yes       |
| Centrifugal diameter               | 30 cm     | 44 cm     | 44 cm     | 44 cm     |
| Velocity of engine                 | 1300 rpm  | 3000 rpm  | 3000 rpm  | 3000 rpm  |
| Velocity of centrifugal            | 1,300 rpm | 1,500 rpm | 1,050 rpm | 1,050 rpm |
| Spin drying G-force                | 300 G     | 500 G     | 300 G     | 300 G     |
| Maximum carpet width of centrifuge | 3.0 m     | 2.5 m     | 3.5 m     | 4.5 m     |
| Voltage (V)                        | 3 x 400V  | 3 x 400V  | 3 x 400V  | 3 x 400V  |
| Power supply                       | 3.0 kW    | 5.5 kW    | 5.5 kW    | 7.5 kW    |
| Draining Time                      | 4 min     | 3 min     | 3 min     | 3 min     |
| Productivity (carpets by the hour) | 15        | 20        | 30        | 40        |
| Electricity usage cycle            | 0.20 kWh  | 0.28 kWh  | 0.28 kWh  | 0.38 kWh  |
| Dimensions Long                    | 3.8 m     | 3.0 m     | 4.0 m     | 5.2 m     |
| Dimensions Wide                    | 0.9 m     | 1.0 m     | 1.0 m     | 1.0 m     |
| Dimensions Height                  | 1.0 m     | 1.2 m     | 1.2 m     | 1.2 m     |
| Weight                             | 350 Kg    | 600 Kg    | 650 Kg    | 750 Kg    |
| Stainless steel AINSI-304          | Yes       | Yes       | Yes       | Yes       |