



Nel segno della Qualità







Real Innovation

(MADE IN ITALY)



Greater quality and efficiency always lead to better results.

This very philosophy is what led to the establishment of Revomec in Trissino in 2011. The company from Vicenza, located in Italy's tanning district par excellence, designs, manufactures and markets **milling drums**, machines which are fundamental in the second part of the tanning cycle, that of **leather finishing**. High quality in all production phases, combined with in-depth research into **details** and **design**, well-trained staff and a particular focus on **environmental sustainability** have allowed the company to expand into international markets in no time at all, thereby becoming a reliable partner in leather finishing.

However, the company's true spirit guide is **innovation**, from technological solutions to the materials used. A compact design, but one that fully exploits the large **loading area**, general insulation for better finishing on the processed leather, an innovative heating and dust **suppression management system**, low energy consumption for genuine sustainable production, great simplicity and safety in use and advanced connectivity thanks to remote supervision. These are the main innovations that allow the company to respond to the needs of a constantly evolving market, both in fashion as well as in the furnishing and automotive sectors.





Ease of use and great reliability, with Revomec



Every stage of production is carried out by expert personnel, using the latest technology and with the utmost attention to detail, in order to always guarantee impeccable results in every respect.



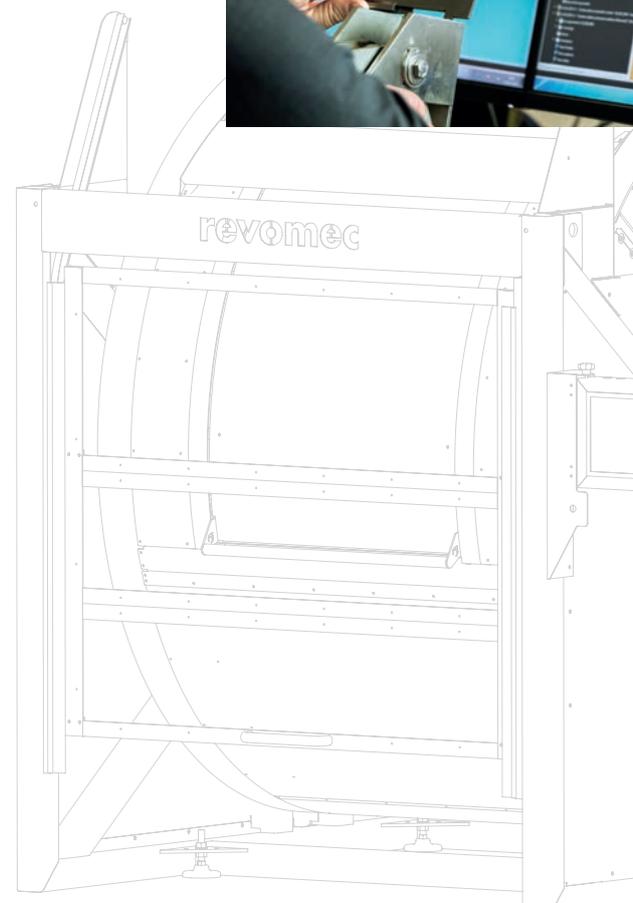


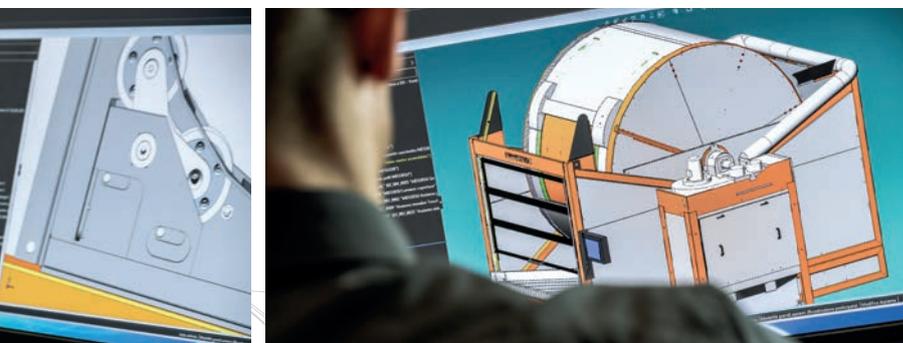
**From design to production,
everything aimed at improving the end use.**

It is essential that simplicity is a constant, so that the **software** can be used by many operators and not just by a specific person.

The management program was entirely designed by the Revomec technical office. Here the designers work continuously to perfect their product, thus ensuring **support and constant service**.

In fact, it is possible to take advantage of the **remote assistance** directly on one's own machinery, so as to monitor and solve problems immediately. With a memory specifically dedicated to **recipes** and real-time history on the display, it is possible to manage all the parameters and create or improve any aspect of the processing. Finally, the clear interface and touch screen display make it even easier to use, **optimising time and consumption**.





Research & Development, towards a continuous evolution.

Focusing on the customer is always fundamental when designing and creating a product.

In Revomec there is an area where it is possible to **try out and improve the various ideas** and proposals conceived by our team, to respond to the requirements of a constantly evolving market. Here **new solutions** and technologies are studied and analysed in order to continuously improve our machines. The Revomec dry-milling drum has evolved to become a true **mul-**

ti-functional machine for leather finishing, with which it is possible to make **unique and distinguishable effects**.

The originality of the possible finishes, the attention to aesthetic details, the solidity of the materials and the simplicity of use are the result of significant **Research & Development** in general, from the design project to the finished machine. Only in this way can we guarantee ever better performance.

MD / MD-SU / DHARMA

3 cutting-edge solutions, one goal:
to optimise your performance.

MD 215 / 320

with recommended load capacity
from 400 to 800 Kg

Passion and Precision

The MD Series drums are the perfect combination of these 2 words. With the patented X structure, this new drum has been designed for large-scale production.

Made entirely in stainless steel, it ensures load stability and limited vibrations both when starting and stopping.

Fully insulated, it guarantees long-term durability and minimises energy consumption.

Energy saving is one of Revomec's strengths, which seeks to respect the environment as much as possible, offering machinery that is entirely Made in Italy.

> Version 215

recommended drum load capacity
400 Kg

> Version 320

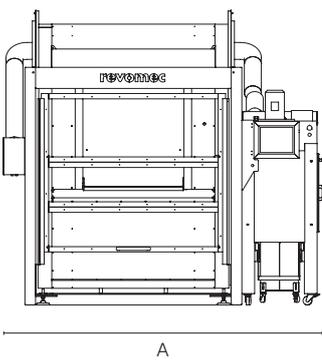
recommended drum load capacity
800 Kg



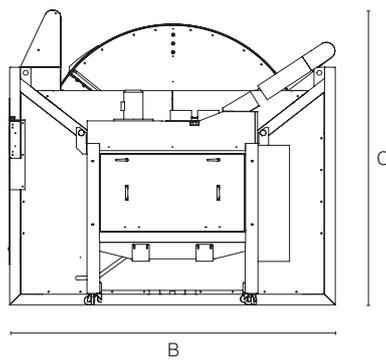
Compact dimensions and innovative heating management system. Greatly improved dust suppression thanks to the exclusive filter unit with direct extraction (no dust and oxidation).

The care taken in the design and the high-quality components facilitate the control and maintenance operations of the system. The same attention has also been paid to arranging the protection systems (according to EU standards).

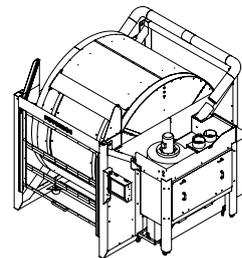




A



B



TECHNICAL SPECIFICATIONS

	MD 215	MD 320
Installed power	18 - 34 Kw (400V/50Hz)	22 - 37.5 Kw (400V/50Hz)
Compressed air	5 Bar (20 - 100 l/h)*	5 Bar (20 - 100 l/h)*
Water line	2.5 Bar (1 - 5 l/min)*	2.5 Bar (1 - 5 l/min)*
Drum size	2500 x 1500 mm	3000 x 2000 mm
Max. width (A)	2900 mm	3300 mm
Max. depth (B)	3000 mm	3510 mm
Max. height (C)	2700 mm	3200 mm

* Indicative values and estimated on standard processing

MD-SU 320 / 350

with recommended load capacity
from 800 to 1600 Kg



> **Version 320**

recommended drum load capacity
800 Kg

> **Version 350**

recommended drum load capacity
1600 Kg



A fusion of Technology and Art

We like Tradition, but we have a natural propensity to look to the future. From the well-established foundations of the MD series, we have designed the even better structured and more complete MD-SU.

With the patented X structure, this fully automatic machine has been designed for high volume production. Made entirely of stainless steel, this mechanical, pneumatic and hydraulic powerhouse ensures a controlled and verifiable production process at all times.

In fact, the whole machine is controlled by the centralised computer.

This is the only machine of the Revomec family to have complete equipment as standard:

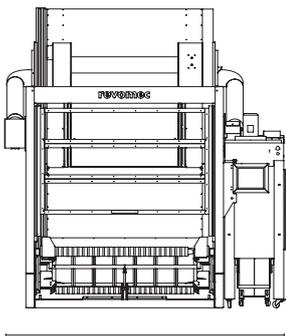


> Full width door (automatic)

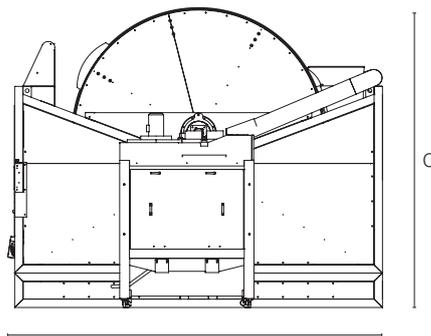
The automatic opening and closing of the door makes unloading more fluid, thus preventing the leather from clumping together on the belt.

> Automatic belt (retractable)

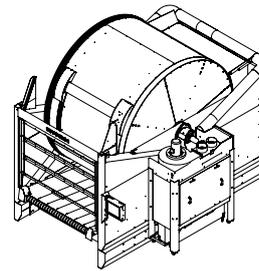
It facilitates manual loading of the leathers as it retracts inside the structure. During unloading, it protracts and gently brings the leather closer to the operator, thus avoiding wasting time and making the job safer.



A



B



C

TECHNICAL SPECIFICATIONS

	MD - SU 320	MD - SU 350
Installed power	23.5 - 31 Kw (400V/50Hz)	34 - 50 Kw (400V/50Hz)
Compressed air	5 Bar (20 -100 l/h)*	5 Bar (20 -100 l/h)*
Water line	2.5 Bar (1 - 5 l/min)*	2.5 Bar (1 - 5 l/min)*
Drum size	3000 x 2000 mm	3500 x 2500 mm
Max. width (A)	3300 mm	3700 mm
Max. depth (B)	4400 mm	4900 mm
Max. height (C)	3700 mm	4315 mm

* Indicative values and estimated on standard processing

DHARMA 1.8 / 2.5

Drum High Automation & Research Machine

Multi-functional machine
for leather finishing

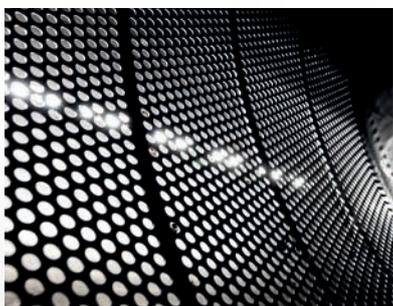


> **Version 1.8**

recommended drum load capacity
150 - 200 Kg dry/wet weight

> **Version 2.5**

recommended drum load capacity
500 - 700 Kg dry/wet weight



We look for the perfection and the safety that this can offer.

Used mainly in laboratories and for the production of high-end articles and R&D, where the concept of fashion is designed and becomes reality.

This latest generation machine is designed, built and marketed entirely by Revomec, at its plant in Trissino (Italy). Every single detail has been calculated, checked and patented; this is in order to guarantee quality and resistance over time, in environments where the durability of the products is essential. The materials used have been chosen with strict criteria, which allows us to offer a truly reliable product to the user.

A masterpiece of mechanics!

The outstanding features of the DHARMA series:

- > Hides and leather garments milling and ennoblement, both dry and wet processing with wide variations in water content
- > Finishing of leathers, splits and suede by injecting specially formulated chemicals
- > Drying, humidification and conditioning of leathers.
- > Faster de-dusting of leathers and splits, thanks to the exclusive patented system
- > Continuous washing and drying to give delavè and puffed up effects



Front loading and unloading door

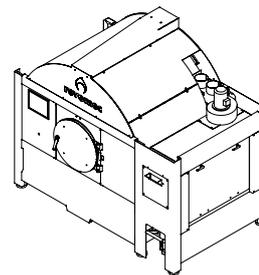
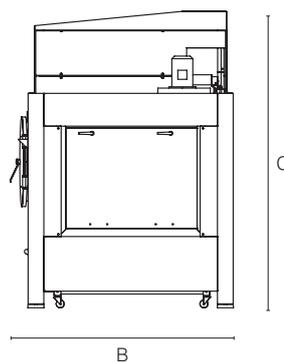
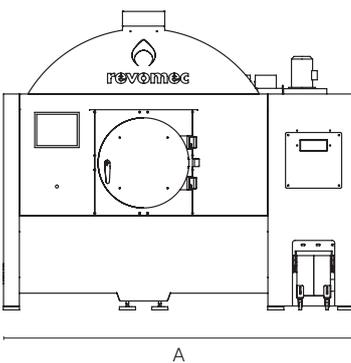
- > Ergonomic, designed for operator comfort and safety

In-line sleeve filters

- > High dust filtering capacity
- > Immediate access to internal parts for maintenance and cleaning

Product Dosing Unit

- > 7.5 l capacity
- > Consumption display with level sensor
- > Automated internal cleaning

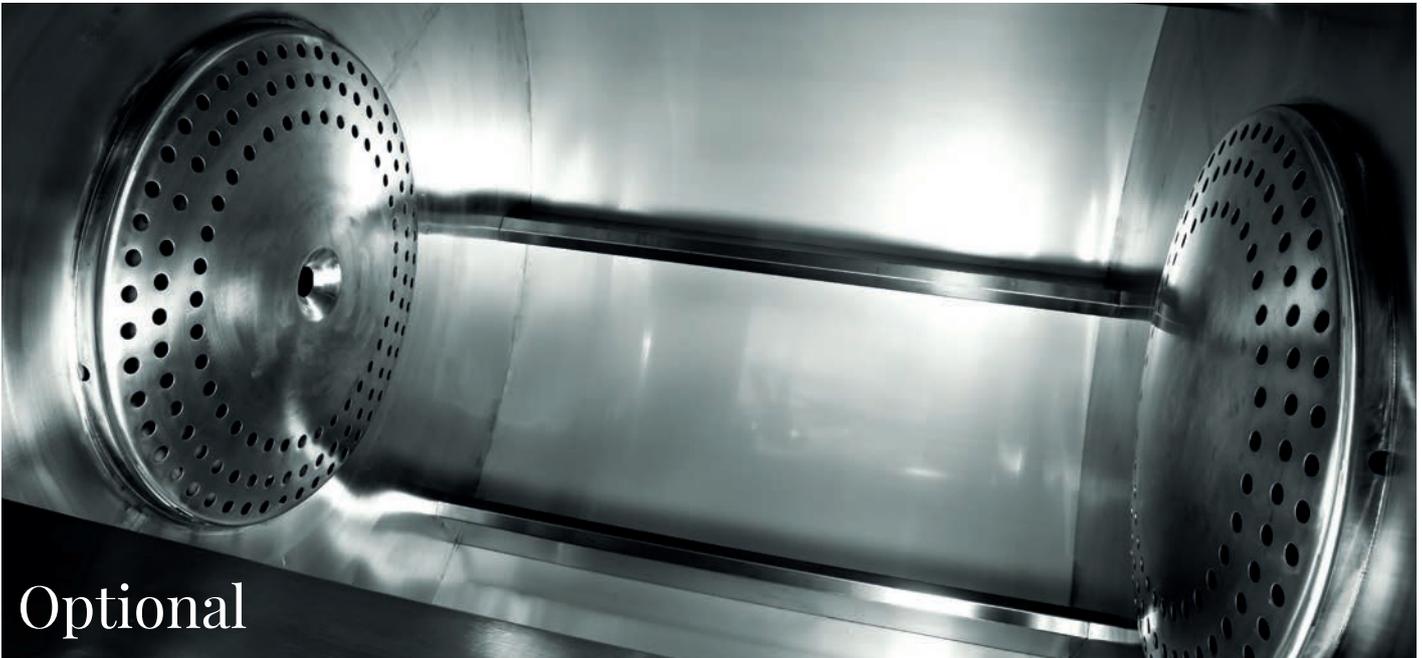


TECHNICAL SPECIFICATIONS

	DHARMA 1.8	DHARMA 2.5
Installed power	11 - 26 Kw (400V/50Hz)	50 Kw (400V/50Hz)
Compressed air	5 Bar (20 - 100 l/h)*	5 Bar (20 - 100 l/h)*
Water line	2.5 Bar (1 - 20 l/min)*	2.5 Bar (1 - 40 l/min)*
Max. width (A)	2530 mm	3800 mm
Max. depth (B)	1660 mm	2300 mm
Max. height (C)	2310 mm	3000 mm
Net weight	1300 Kg	3500 Kg

* Indicative values and estimated on standard processing





Optional

> for models: **MD / MD-SU**

Dry Pack



- > standard heating
(1 unit of 7.5 kw)
- > additional heating
(+ 2 additional units of 7.5 kw)

UDP



- > chemical product dosage unit
- > 100 litres
- > analogue volume measurement sensor
- > manual washing
- > stainless steel

Re-Dust



- > patented dust filtration
- > enhanced suction
- > increased de-dusting

Spray Gun



- > moisture/chemical atomiser nozzle
- > drop-free spraying

Light Design Pack



- > machine working status lights
- > loading/unloading area lighting system

Chiller-Pack



- > leather cooling
- > cold processing





Green Philosophy

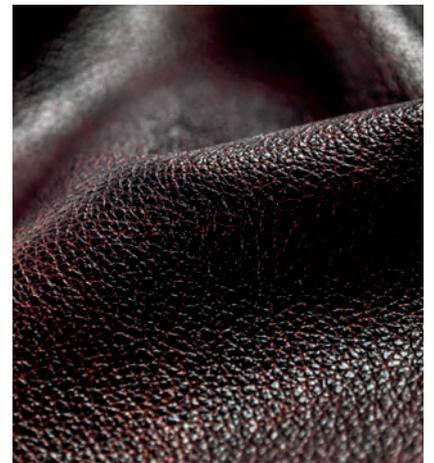
First and foremost, our business is ECO

Revomec, as a smart company, stands out for the quality of its products, which, made with top quality materials, are destined to last over time, thus avoiding waste and environmental pollution.

The continual search for processing without the need to use chemical products is a priority that stems from Research & Development and extends to every production phase.



In Revomec drums, the leathers are softened, their grain is enhanced and stabilised, the surface is de-dusted, the moisture content is adjusted appropriately and the touch altered according to requirements. With our solutions it is possible to work leathers from different origins and of various nature such as cattle, sheep and goats, pigs and exotic species (fish, reptiles, ostriches etc.).



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Advanced, reliable and simple
to use products and solutions,
designed and created to improve
the quality of your work.



revomec.com



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