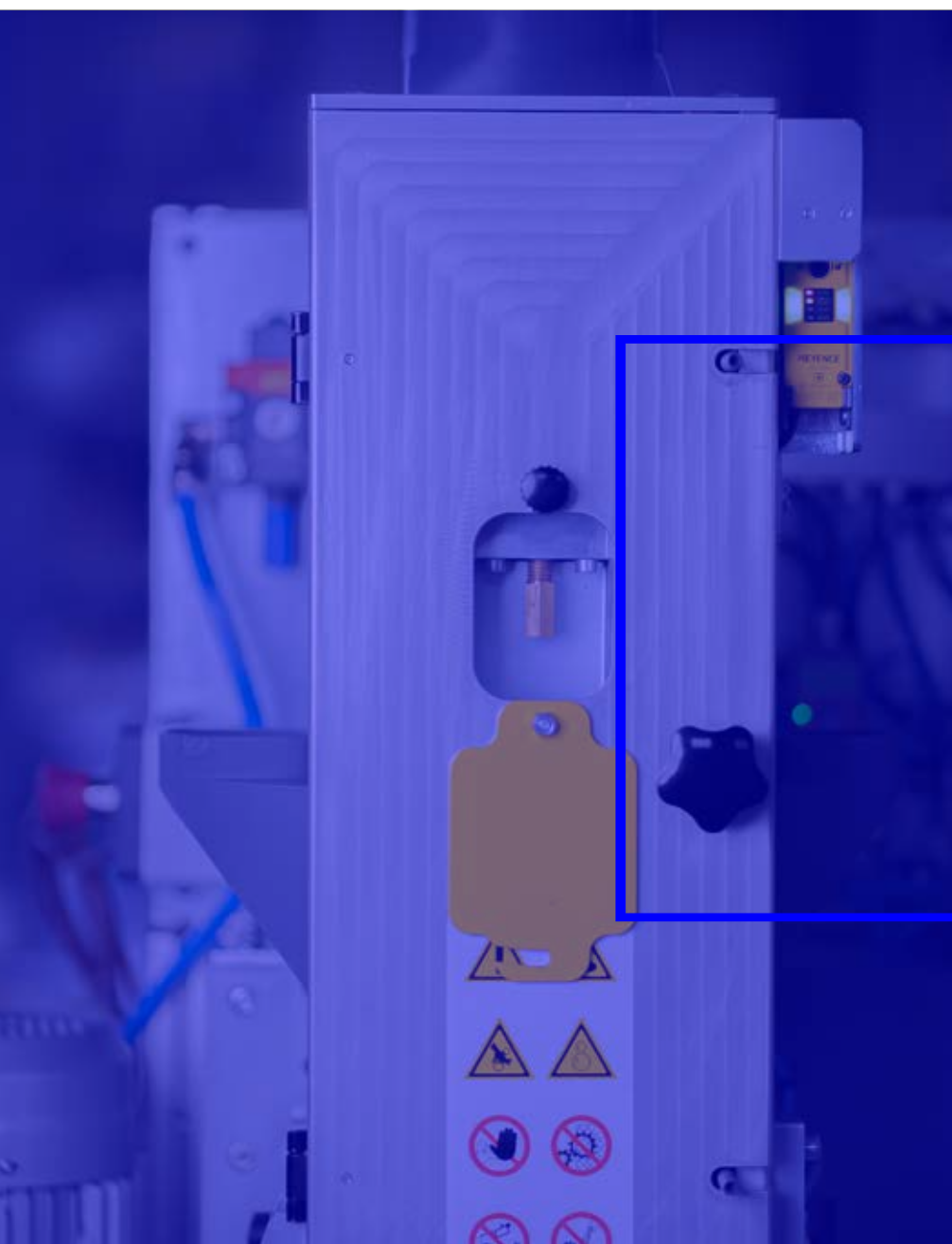


Roughing machine

ASM-X3-FE-RC-300



www.asolmec.com



CENTER FOR XL RUBBER STRIP GRINDING

For technical mountain footwear, perfect **grinding of edges, toe caps, and rubber soles** is a fundamental factor.

**Ideal for the
production
of technical
mountain
footwear**





The **ASM-X3-FE-RC-300** system is the most complete and high-performance solution in Asolmec's offering for **technical mountain footwear manufacturers**: boots, trekking, and free climbing shoes.

In addition to **electronic control** of all work parameters, an **automatic collection and stacking system** is provided, specifically designed for rubber strips.

The **maximum stackable length is 900 mm**. This highly efficient device drastically reduces downtime, ensuring extremely high production capacity **with only one operator**.

It can process pieces with a **maximum difference of 6 mm** between the highest and lowest points.

It features a 3-brush cleaning system with adjustable speed and height for cleaning the processed part.



WATCH THE VIDEO >



Roughing Machine

ASM-X3-FE-RC-300

Technical data

Max grinding width	295 mm
Grinding power	7.5 HP (5.5 kW)
Grinding belt speed	Electronically adjustable 0 ÷ 3500 rpm
Digital display of working thickness	Precision 0.02 mm
Grinding pressure	Pneumatically adjustable 0 - 6 bar
Work feed	Electronically adjustable 0 - 32 m/min
Standard grinding feed	15 - 25 m/min
Motorized brush unit for conveyor belt cleaning	Yes
Suction outlets	No. 3, Ø 120 mm
Brushes with independent adjustment	Variable speed 0 ÷ 1400 rpm
Electronically adjustable feed	0 - 45 m/min
X-axis longitudinal stroke	0 ÷ 900 mm
X-axis speed	0 ÷ 70 m/min
Y-axis transverse	Pneumatic
Z-axis vertical stroke	0 ÷ 150 mm
Z-axis speed	0 ÷ 2.5 m/min
Max length	310 cm
Max width	135 cm
Height	174 cm
Net weight	~650 kg

ADVANTAGES OF ROUGHING MACHINES



Quality

Higher quality and precision compared to current roughing systems.



Respect for the environment

Processing without the use of chemical primer for roughing



Production improvement

Optimization of processing time.

and also...

*UP TO 90% SHORTER CYCLE TIME
COMPARED TO TRADITIONAL CARDING*

*90% SAVINGS IN THE COST
OF SUPPLIES*

*POSSIBILITY TO ACCESS TO
INDUSTRY 4.0 TAX INCENTIVES*

and many other benefits!

ROUGHING MACHINES FIELDS OF APPLICATION

Leather roughing is a versatile process that can improve the **aesthetic and functional features** of rubber, leather and hide, making these materials suitable for a wide range of applications in different sectors

FOOTWEAR



CLOTHING INDUSTRY



LEATHER INDUSTRY



FURNITURE



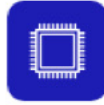
AUTOMOTIVE





Technology

We constantly study the available technologies, choosing the most effective and efficient in specific application.



Specialization

For over 40 years we have been specializing in the production of automation systems in the different sectors in which we operate.



Projects

We know how to understand the customer needs and adapt them to available solutions in the production context.



We are an Italian company at its third generation, that for over 45 years has specialized in industrial automation projects and machines production for sport system and footwear sector.

WHY ?

Experience

Thanks to a know-how in the design and creation of automation systems for over 45 years, we can create for our customers reliable plants with solid technological basis.

Quickness

Being able to follow internally every single stage of the project, we can quickly respond to every customer's needs developing the most efficient solution every time.

Efficiency

Thanks to a team of more than 25 experienced employees, we are able to find the most efficient solution, combining the best expertise on the market.



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