

X1-150-NR

MULTI-PURPOSE SCOURING MACHINE



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INTRODUCTION

The **X1-150-NR** is a **MULTI-PURPOSE SCOURING MACHINE** that is ideally suited to sectors such as:

- **yachting and recreational boating**, for the production of pneumatic watercraft;
- **the footwear industry**, for the precision rough scouring of leather uppers;
- **industrial applications**, for the rough scouring of rubberized fabrics, PVC, seals, etc.

The **BASIC VERSION** represents the **most advanced, most efficient and versatile technological solution**, capable of meeting the various requirements for the roughing and scouring of **rubberized fabrics, rubber profiles**.



Main features which render its operation truly versatile:

- a **large work area**, (600x600 mm standard)
- the possibility of scouring large-sized components, since the **scouring belt features completely open sides**
- **large diameter feed roller**, can be shaped in order to perform scouring operations on rubber contoured bars of various profiles
- the possibility of **“plunge” scouring intermediate areas of a fabric**



THE MACHINE

- Newly conceived machine base designed with aluminium frame members with integrated support feet for easy handling using normal pallet transport devices
- Totally modular load bearing structure, built with maintenance free, high section resistance aluminium frame members
- Extremely robust and precise chuck group
- Feed group complete with vacuum intake for cleaning
- Work surface ideal for various operating conditions
- Brush group for cleaning components
- Vacuuming channels on board the machine are completely integrated at a sole connection point to the vacuum system – for proper operation, the installation of a vacuum system with the following specification is recommended:

<i>Motor power</i>	<i>3kW</i>
<i>Waste collection bag</i>	<i>D 500 mm</i>
<i>Intake aperture</i>	<i>D 200 mm</i>
<i>Minimum capacity</i>	<i>2500 m³/h</i>
<i>Vacuum suction</i>	<i>450 mm/H²O</i>

SAFETY

Safety measures adopted include the following:

- Fixed safety panels for the tool and feed roller
- Sensitive belt in work area, providing protection from danger of operator's arms or hands being accidentally caught up or dragged in by the operating tool
- Mobile protection panels featuring safety limit strokes for the tool
- Service door with key-locking safety limit switch for main drive
- Other electro-pneumatic devices for the hardware control of various machine functions
- Emergency push-button.

MAIN TECHNICAL SPECIFICATIONS

<i>Width</i>	<i>80 cm</i>
<i>Depth</i>	<i>115 cm</i>
<i>Height</i>	<i>165 cm</i>
<i>Net weight</i>	<i>480 kg</i>
<i>Scouring height</i>	<i>0 ÷ 50 mm</i>
<i>Scouring width (1 pass)</i>	<i>150 mm</i>
<i>Right side free of scouring belt</i>	<i>200 mm</i>
<i>Left side of scouring belt</i>	<i>totally open</i>
<i>“Plunge”scouring</i>	<i>yes</i>
<i>Scouring power</i>	<i>3 kW (4 HP)</i>
<i>Display of scouring thickness</i>	<i>digital (resolution 0,025 mm)</i>
<i>Adjustable scouring pressure</i>	<i>pneumatic</i>
<i>Electronically adjustable feed speed</i>	<i>0 ÷ 16m/1'</i>
<i>Machine functions managed by</i>	<i>PLC and dedicated software</i>
<i>Selection of operating programs through</i>	<i>contraves</i>
<i>Vacuum intake command on work area (X1-150-NRVS version only)</i>	<i>pedal operated</i>