

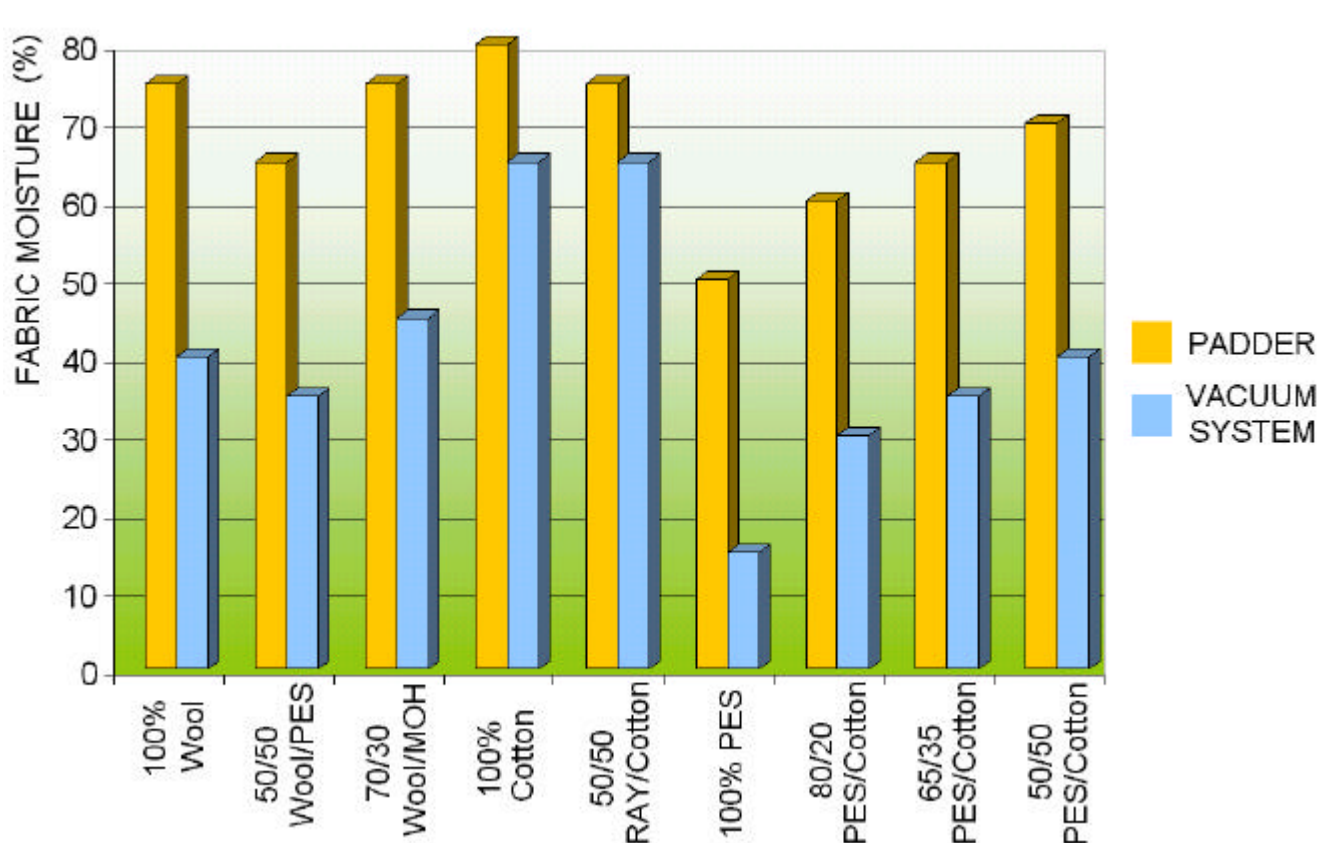
Vacuum Extractor Mod. CCMTX-1



Our *new Vacuum extractor model CCMTX-1* is a high efficient fabric moisture remover and adequate in all kind of process where low moisture is requested.

☒ The *main advantages* of our Vacuum Extractor are:

- *Automatic regulation* of the final moisture according with the fabric weight.
- *Regular moisture* along the fabric surface.
- *Fabric's surface cleaning* from blows and wastes.
- *Increasing* of the *drying speed*.
- Very important *energy savings* in the drying process.



1. TECHNICAL DATA

WORKING WIDTH	Máx. 3.600 mm.
ROLLER WIDTH	Máx. 3.800 mm.
STAINLESS STEEL QUALITY	Stainless steel AISI-316
WATER PRESSURE	Máx. 3 bar.
AIR PRESSURE	6 bar.
ELECTRICAL VOLTAGE	380 V.
OPERATION VOLTAGE	220 V / 50 Hz.
MOTOR POWER	depends on fabric width
INSTALLATION MOTOR	C.A.
VACUUM PUMP	Made by NASH
TYPE OF MOUTH	FISH-BONE

2. VACUUM PUMP

Liquid ring vacuum pump manufactured by **NASH** in cast iron with the rotor manufactured in cast steel. The water feeding produces the requested vacuum for the moisture suction. The water is recirculated to reduce its consumption.

The rotor includes one pipe system to separate blow and threads avoiding pump cavitation.

Exit collector type **cyclone** to reduce the noise level under 80 dBA and to recuperate the water.

The motor and the pump are mounted on a solid frame.

3. REGULATION OF THE SUCTION LEVEL

One fly-valve with double effect pneumatic head allows the external air entry to decrease the level of suction according with the different kind of fabrics to be processed.

One double screen display allows the full automatic control of the programmed level of suction and the control of the real processing level of control.

4. FIBERS.LIQUID-AIR SEPARATOR

One separator tank made with stainless steel AISI-316 with 600 mm. diameter and one easy upper access for filters checking and cleaning is supplied with the installation.

Inside the tank is located one filter, basket type, to separate the blow and fibres from the extraction water, then through one auxiliary pump the water is recirculated to the washing machine.

The separator is supplied with one extra filter as spare to avoid wasting times during the filter removal and cleaning

One safety level control is included to prevent any auxiliary pump disfunctionment.

5. SUCTION UNIT

The suction unit is manufactured with one AISI-316 stainless steel square profile tube with one synthetic mouth type FISH-BONE.

In both sides of the tube one plastic glass allows the visual control of the water level inside the tube.

One specially designed label closes the mouth according with the fabric width.

6. PREINSTALLATION

To generate the water ring, we supply:

1. Filter.
2. By-pass secondary pipe.
3. Electro-valve.
4. Manual valve.
5. Flow detector to protect the right pump function.

7. MAIN CONTROL PANEL

The main control panel includes:

1. Electrical board cabinet with IP-54 protection.
2. Electrical starting up type Y-Ä.
3. Display for digital control of the vacuum regulation.
4. Alarm for liquid level at the separator.
5. Safety detector for the water flow in the vacuum pump.
6. Filer set for the compressed air.

