



assomac

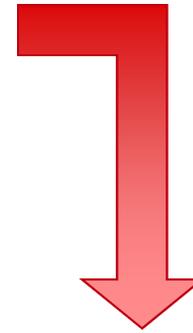
ITALIAN TECHNOLOGY MANUFACTURERS
ASSOCIATION FOR THE FOOTWEAR,
LEATHER GOODS AND TANNING SECTORS



WORLD LEATHER CONGRESS 2015
September 8th – MILAN/ITALY

PROCESS INNOVATION and ENVIROMENTAL TECHNOLOGY
Gianni Maitan

History.....for the future



HOEPLI -1949
Dr A. GANSSER



Italy 1950



Prefazione alla terza edizione

«...constatando che la costruzione del macchinario equivale a quello straniero, ho voluto che il macchinario illustrato fosse esclusivamente di origine italiana...»



Italy 2015

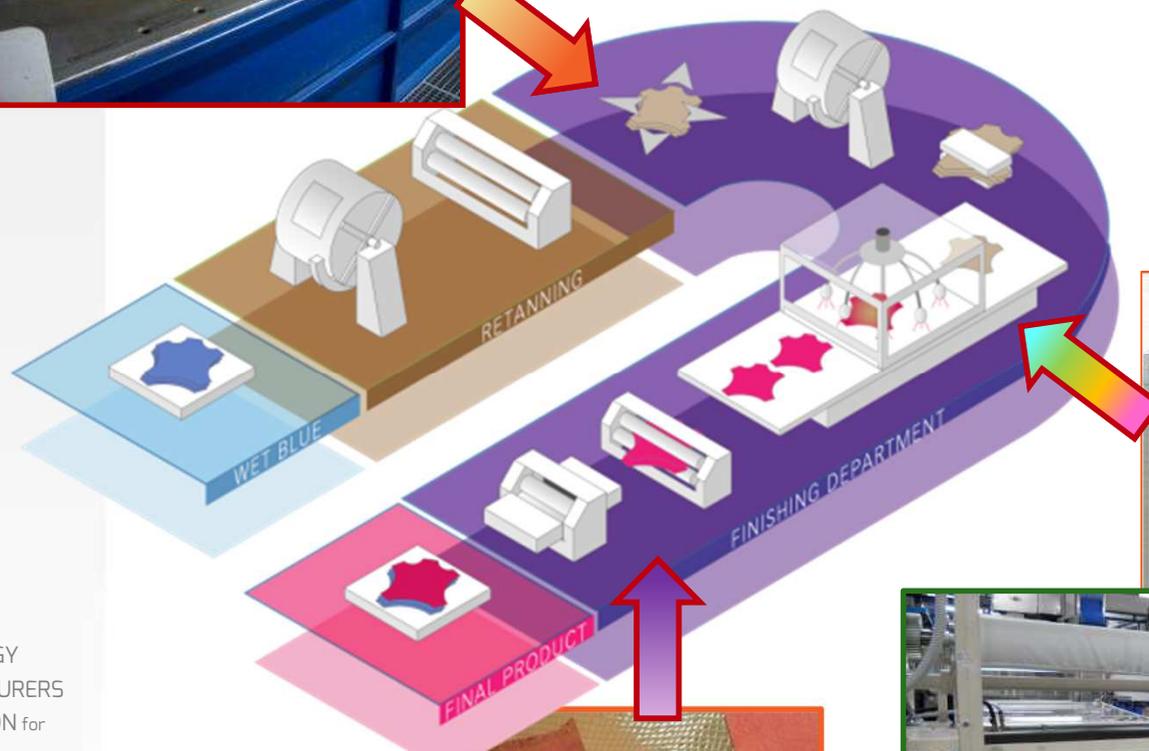


Finishing department...for the future



Key points:

- Drying
- Coating
- Embossing



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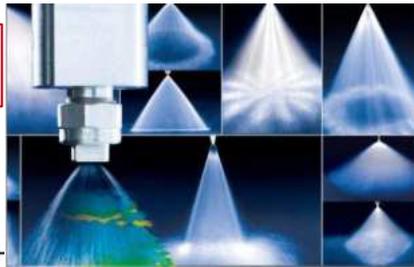
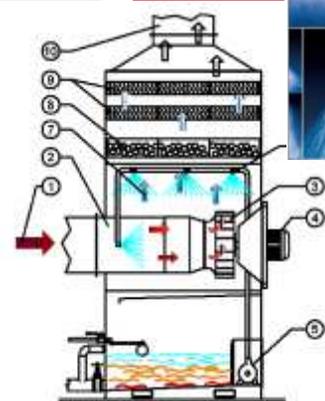
performance...for the future



❖ Enhance process profitability

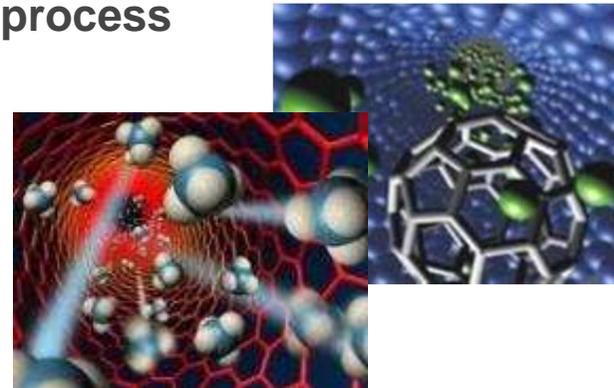


VOC



❖ Minimize wasting products

❖ Explore greener process



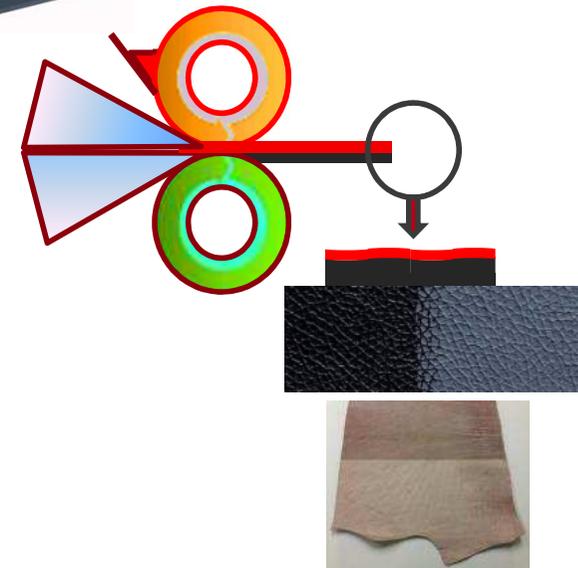
reliability...for the future



❖ Replicate Conditions



❖ GMP
(good manufacturing practise)



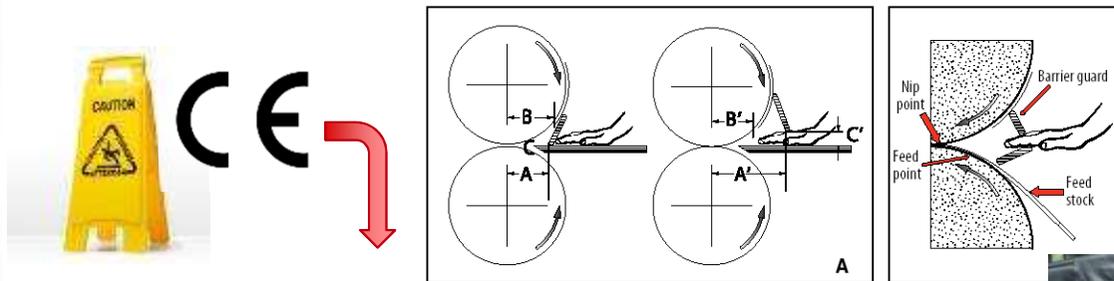
❖ Reduce Maintenance





Lower consumption for over than 1.000.000 sq/ft finished leathers

Reduction up to 21.000 Kg chemicals	- 50%
Reduction up to 5.980 kWh	- 80%
Reduction up to 31.400 lt. water	- 95%
Reduction up to 58.200.000 lt. of compressed air compressa	- 95%
Reduction up to 21.000 Kg waste chemical	- 100%



EN	Standard title
UNI EN 972	Reciprocating roller machines
UNI EN 13112	Bandknife shearing machines
UNI EN 1035	Moving platen machines
UNI EN 13113	Roller coating machines
UNI EN 13114	Rotating process vessels



the future



➤ **EFFICIENCY**



➤ **CONTINUOUS PROCESS**

➤ **AUTOMATION and COMMUNICATIONS**





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THANKS FOR YOUR ATTENTION

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