



COMERIO ERCOLE

QUALITY & TECHNOLOGY SINCE 1885 ITALY



08-2022

Vulca®

Innovativo impianto vulcanizzazione

VULCA® è una speciale macchina rotativa opportunamente progettata da COMERIO ERCOLE per la vulcanizzazione continua della foglia di gomma in risposta alla richiesta del cliente di migliorare il processo di vulcanizzazione. Il passaggio dalla vulcanizzazione a "batch" a quella continua può aumentare l'efficienza del processo e ridurre l'intervento dell'operatore sul processo stesso. Con il nastro di pressione dotato di HIDROBELT® la pressione del nastro tutto intorno al tamburo di riscaldamento principale è perfettamente controllata garantendo la pressione più equilibrata al prodotto da vulcanizzare. Il controllo accurato della pressione e della temperatura, con una gamma completa di impostazioni disponibili, può garantire un processo di polimerizzazione perfetto e su misura per diversi tipi di polimeri e composizioni di fogli.



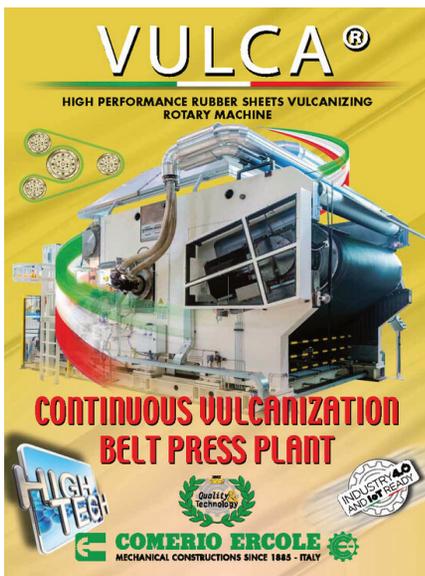
The Rubber Calender & Mixing Specialist

Vulca®

Innovative Rubber Sheet Vulcanizing rotary plant

VULCA® is a special rotary machine properly engineered by COMERIO ERCOLE for rubber sheet continuous vulcanization in response to customer request of enhancing vulcanization process. Moving from batch to continuous vulcanization can increase the efficiency stability and repeability of the process, reducing the operator intervention on the process itself. With the pressure belt equipped with HIDROBELT® the belt pressure all around the main heating drum is perfectly controlled granting the most equilibrated pressure to the product to be vulcanized.

Accurate control of pressure and temperature, with a complete range of setting available can grant perfect and tailored curing process for different type of polymer and sheet composition, with reinforced or plane polymer sheets. The repeatability of the process is guaranteed by the custom defined recipe and prescription, managed in the control system of the machine and registered with each production lot for quality certification. As per COMERIO ERCOLE standard all the machine components are dimensioned and verified for the maximum loads and to grant the best precision in terms of accuracy of the process. Optional pre and post equipment are designed to grant the best tension and deviation control and are engineered according customer production process in terms of sheet composition and dimension. COMERIO ERCOLE not only the Calender & Mixing specialist since 1885... as well your technological partner for any specific need!



What was never considered possible is now possible!

PRESS RELEASE "K2022 PREVIEW"

During K 2022 COMERIO ERCOLE will present some very important technological innovations recently developed in its plastic and rubber main field of activity. COMERIO ERCOLE has recently introduced a new Digital Platform named HERCULES40® which is aimed to supply to COMERIO ERCOLE customers a data-driven analysis tool for a continuous improvement of production process, including energy consumption optimization, as well as added value after sales services.

COMERIO ERCOLE is more and more concentrated on the end user support and two recent new products have been presented to our customers just reconfirming our firm commitment "on site" rolls maintenance process. The "heart" of any calendering process is linked to rolls status therefore we have developed two alternative tools supporting "on site" maintenance process. With SANDBLASTER any need to keep and/or recovery of a certain roughness is now permitted as well as with the POLISHER any need to clean and recovery rolls surface is now permitted too with dedicate "on site" tools put at disposal of maintenance team.



The Plastic Calender Specialist