



COMERIO ERCOLE

MECHANICAL CONSTRUCTIONS SINCE 1885 ITALY



5 Impianti di calandratura tessuto nontessuto

Mascherine Chirurgiche

L'aumento di domanda a livello globale di prodotti medicali in tessuto nontessuto anti COVID-19 ha spinto la COMERIO ERCOLE ad una forte accelerazione R&D per la messa a punto di una nuova ed innovativa linea di calandre ad alte prestazioni soprattutto per la lavorazione del materiale filtrante "MELT-BLOWN".

Negli ultimi due mesi nr. 5 calandre in varie configurazioni sono state finalizzate con importanti clienti del settore; calandre configurabili per la lavorazione di PP e PET così da assicurare un ampio range di utilizzo. La serie si completa anche di una SUPER calandra da 6 metri di lunghezza cilindri per lavorazione speciale di nontessuti industriali.



5 High performance "MELTBLOWN" hydraulic calenders

Surgical Mask & Healty Medical products

The increase of worldwide demand for anti COVID-19 nonwovens medical products (mainly 3-layer surgical masks and medical clothing) pushed COMERIO ERCOLE to a strong R&D acceleration for the development of a new and innovative line of high-performance thermal calenders, especially for filters production process, based on MELT-BLOWN. In the last two months, 5 calenders in various configurations have been finalized with important customers in the sector, configured for the PP and PET process to ensure a wide range of use. The series is also completed with a special 6 meters SUPER 2 rolls thermal calender for industrial purposes nonwoven process.

Riccardo Comerio/CEO and Roberto Marcora/R&D director said: "It is truly a great honour to be able to contribute in this terrible period to the development of a new calendaring process for high-performance filtering materials: it is the result of the hard work of the whole Comerio Ercole technical team in the last few years, especially based on the possibility to carry out all necessary tests and trials in a fully equipped calender laboratory, such as the one we have recently put into full operation at our italian site".



One-step GEOCAST lamination & embossing

High precision 3-roll calender for PVC and TPO cast multi extrusion plant. An embossing unit is provided too.



TIRE CALENDERLINE final commissioning

During COVID-19 lockdown period COMERIO ERCOLE team completed with full customer satisfaction the process commissioning in far East of a high performance "dual purpose (fabric and steel) calenderline" for a worldwide tire manufacturer. We are very proud of our start-up team and honoured to be renewed by our customer on long term basis.



Stress test laboratory session focused to MINIDUPLEX calender

A successful R&D lab trial for ultra-thin rubberized sheets for high-performance silicone technical products has been performed. Thanks to this, a very important project, involving a MINIDUPLEX 4 roll calender, equipped with hydraulic force control device HYDRONIP, was finalized. Pre-warming mixing equipments included in the scope, especially designed for silicone compound process.