



COMERIO ERCOLE

MECHANICAL CONSTRUCTIONS SINCE 1885 ITALY



Impianto di calandratura Industria 4.0 IoT

INNOVAZIONE DIGITALE

Innovativo impianto di calandratura e pre-riscaldamento mescole studiato e realizzato in ottica Industria 4.0 con una integrazione spinta a livello IoT in campo industriale. L'impianto è dotato di sistemi digitali di controllo in remoto includendo un sistema di assistenza a distanza e supervisione basata su piattaforma Siemens Sinema Connect. L'impianto è dotato di interconnessione a sistemi informatici di fabbrica con caricamento da remoto di tutte le istruzioni per il controllo del processo ed è integrato in modo automatico al sistema logistico di fabbrica e alle altre macchine del ciclo produttivo sia per integrazione fisica che informatica con una innovativa interfaccia uomo/macchina.



Industry 4.0 IoT Rubber Conveyor belts calenderline & prewarming

Digital Innovation

Innovative plant for calendering and rubber compound pre-warming section has been designed and built with a specific view to Industry 4.0 with a deep integration at the IoT level in the industrial field. The plant is equipped with remote control systems including a remote assistance and supervision system based on the Siemens Sinema Connect platform. The plant is interconnected to factory IT systems with remote loading of all the instructions for process control and is automatically integrated into the factory logistic system and the other machines of the production cycle for both physical and IT integration with an innovative man / machine interface. The relationship between the manufacturer COMERIO ERCOLE and the end user has made it possible to develop innovative process experiences on both sides, both in the specific field of calendering of products for the construction of conveyor belts as well as to successfully experiment with new control and remote intervention in what is now defining itself as a future trend and which will provide the full use of wearable vision systems for the management of special maintenance and technical assistance interventions. The collaboration between COMERIO ERCOLE and the customer is in continuous development for new and increasingly innovative process solutions in the specific field of precision calendering.

What was never considered possible is now possible!



REALWEAR

COMERIO ERCOLE is strongly investing again in REMOTE devices improving customer service satisfaction and real site performances. Innovative web IoT applications and effective customer service skilled technical team make the difference since long time at COMERIO ERCOLE family.

The plant as above has been supplied to the industrial italian group SIG Società Italiana Gomma Spa who is a market leader since 1928 in the special conveyor belts production. A concentrate of innovation, knowledge and know how making COMERIO ERCOLE team really proud for this important new reference in the rubber belts field.

