



COMERIO ERCOLE

QUALITY & TECHNOLOGY SINCE 1885 ITALY

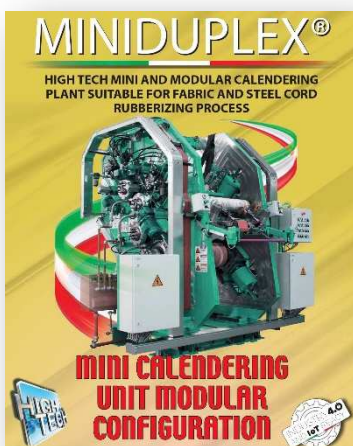


INFO NEWS

Volume 2024 - Ed.11

IN BREVE: Abbiamo aperto le porte alle nuove generazioni: gli studenti l'8/11 hanno potuto toccare con mano come l'innovazione sia il motore che ci guida. Dal laboratorio di ricerca e sviluppo, dove nascono le idee di domani, ai reparti produttivi, dove si realizzano le macchine di oggi, i ragazzi hanno compreso l'importanza della tecnologia e della passione per il proprio lavoro. La prova di realtà virtuale, un assaggio del futuro, ha affascinato i giovani visitatori, mostrando loro le possibilità offerte dall'industria 5.0: un'esperienza che li ha ispirati a intraprendere percorsi di studio sempre più stimolanti.

COMERIO ERCOLE is ready to develop and manufacture equipment capable of increasing a range of performance metrics. These include the flexibility to produce different materials at the same plant; levels of constant precision and repeatability of dimensional parameters of the calendered product; product stability on the windup unit as well as guarantees in product tolerance; process cost savings and scrap reduction; and calender management – as far as production optimization and productivity increase are concerned. One such modern solution is the Shuttle CE windup unit – a configuration designed for a complete automatic roller change cycle at the set length without slowing down the calender, and without intervention from the operator. The Shuttle CE windup section is composed of two identical stands on a shifting platform. While the stand in operation is under the cross-cutter unit, the other stand is situated out of the line axis of the calender line, on the side of the stand in operation. Replacement of the roller for the product and for the liner can be performed on the two sides of the calender line in an offline position. Loading and unloading can be performed with a dedicated crane system or an automatic factory integrated system. **COMERIO ERCOLE** team has just satisfactory commissioned a very special rubber sheeting calendering plant based on **MINIDUPLEX**® 4 roll configuration providing a rubberized thickness of just 0.075 mm each rubber sheet. With the new **HYDROPLUS**® configuration very thin production can be easily obtained, continuous R&D activities are performed at our laboratories.



What was never considered possible is now possible!

On November 8th, **COMERIO ERCOLE GROUP** opened its doors to the next generation, hosting students from the 3rd and 4th grades of the technical Institute "Fermi". During the visit, students were immersed in the world of innovation, sustainability, and technological advancement. From our R&D development laboratory, where groundbreaking ideas are conceived, to the state-of-the-art production facilities, where precision meets passion of our team, students gained a firsthand understanding of the company's commitment to excellence. They witnessed how our dedication to research and development fuels innovation, driving the creation of sustainable and efficient solutions. The virtual reality experience offered a glimpse into the future, showcasing the limitless potential of Industry 5.0. Students were amazed by the immersive technology and its applications in various industries. This inspiring experience ignited their curiosity and motivated them to explore exciting career paths in STEM fields. By fostering a culture of innovation and sustainability, **COMERIO ERCOLE** aims to inspire future generations to embrace technological advancements and contribute to a more sustainable future. We believe that by investing in young talent and promoting STEM education, we can create a brighter tomorrow. All what above highlights **COMERIO ERCOLE** commitment to innovation, sustainability, and the development of future talent emphasizing the role of R&D in driving progress and creating a positive impact. This initiative not only strengthens ties with the local community but also underscores **COMERIO ERCOLE**'s role as a pioneer in the sector. By sharing our knowledge and opening our doors, we aim to instill a sense of purpose and ambition in young minds, reinforcing our vision of shaping the future through innovation and excellence.



STAY TUNED WITH US www.COMERCOLE.IT info@comercole.it

