

ITALIAN PLASTICS & RUBBER PROCESSING MACHINERY INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

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UCIMU-SISTEMI PER PRODURRE



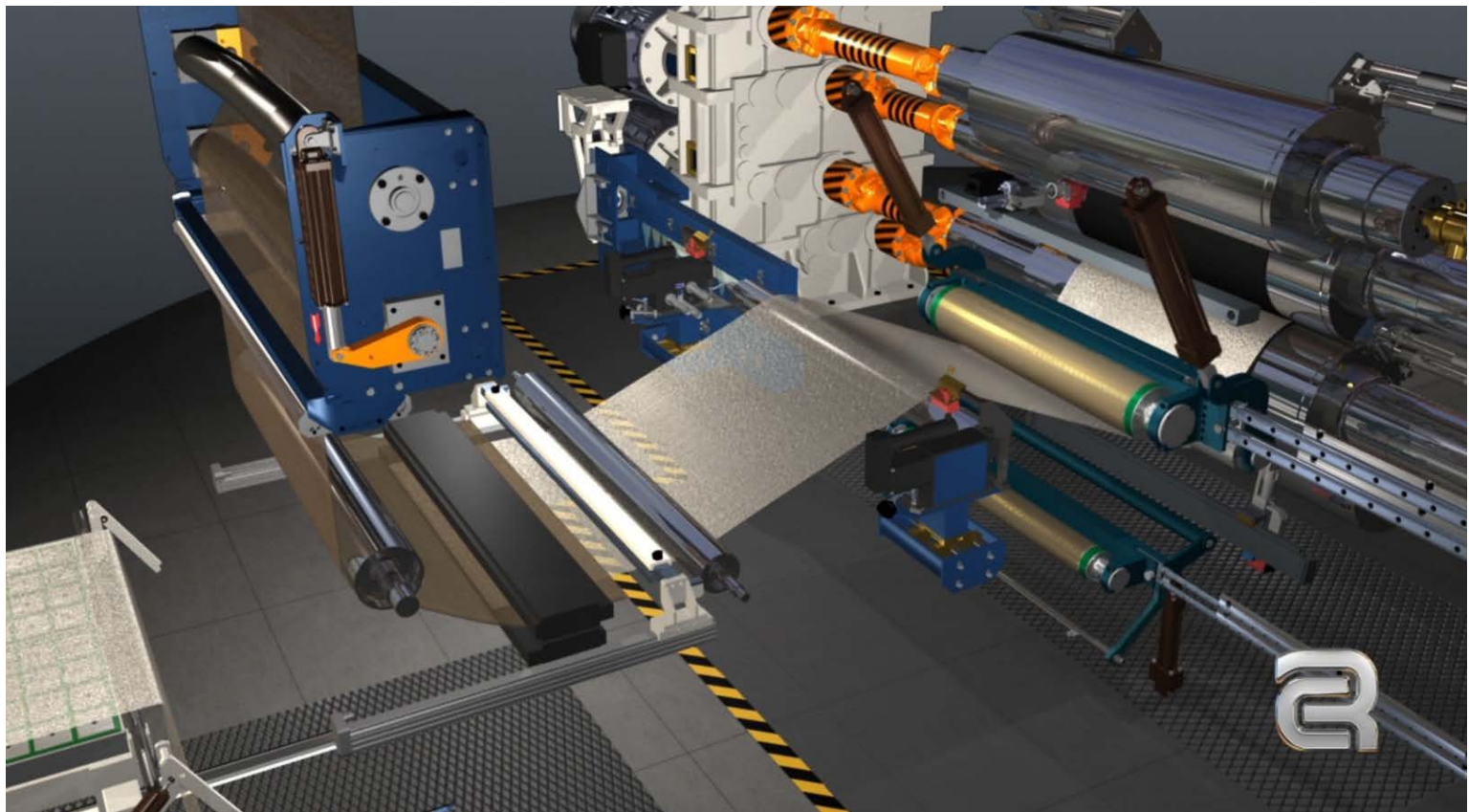
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AWARD-WINNING INNOVATION IN RUBBER PROCESSING

In a constantly evolving and increasingly demanding market, RODOLFO COMERIO is searching for innovative solutions through its R&D department to keep up with the new market trends. To this purpose, the company recently developed technical solutions for the tyre industry aimed at improving the quality of finished products, avoiding unnecessary labour expenditure, reducing production times and costs and increasing operator safety thanks to various automation systems destined for calendaring processes.



This innovative drive also enabled RODOLFO COMERIO to take down the "Tire Manufacturing Innovation of the Year" for the patented RC Calender Quick-ChangeSystem as part of the "Tire Technology International Awards for Innovation and Excellence", held at the Tire Technology Exhibition in Hanover. The award-winning system makes it possible to change production in the shortest possible time, by modifying the configuration of the calender entry side to switch from the production of textile cord to metal cord and vice versa. The calendaring line has been designed and built to allow the textile and metal cords to be changed quickly and automatically, with the fitting and change of the grooved rolls according to the density of the metal cord.

The system also makes it possible to place, in front of the third roll of the calender, the guide roll to bond the textile fabric and then two density rolls to bond the metal cord. The calender has been designed with the first density roll mounted on levers to introduce it into the process by means of a pneumatic device. The second density roll for the metal cord and the guide roll for the textile cord are mounted on a rotary support that allows them to be arranged alternately in their operating position. In addition, the density rolls are mounted on sliding skids to allow easy exit through the side of the calender and replacement through the shoulder of the machine on the heating side, where a hoist picks them up and stores them on a stand.

In detail, the RC Calendar Quick-ChangeSystem ensure a 50% reduction in density roll changeover time, in the machine downtime necessary for new setups, in the production changeover time and labour for material bonding operations and a 60% reduction in labour for density roll changeover, at the same time increasing productivity by 50% as well as the production quality, while complying with the safety standards imposed by EC regulations.

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The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

Contact information of Piattaforma India desk:

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