

# ITALIAN PLASTICS & RUBBER PROCESSING MACHINERY INDUSTRY ~ NEWS

June 2024

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 85



UCIMU-SISTEMI PER PRODURRE



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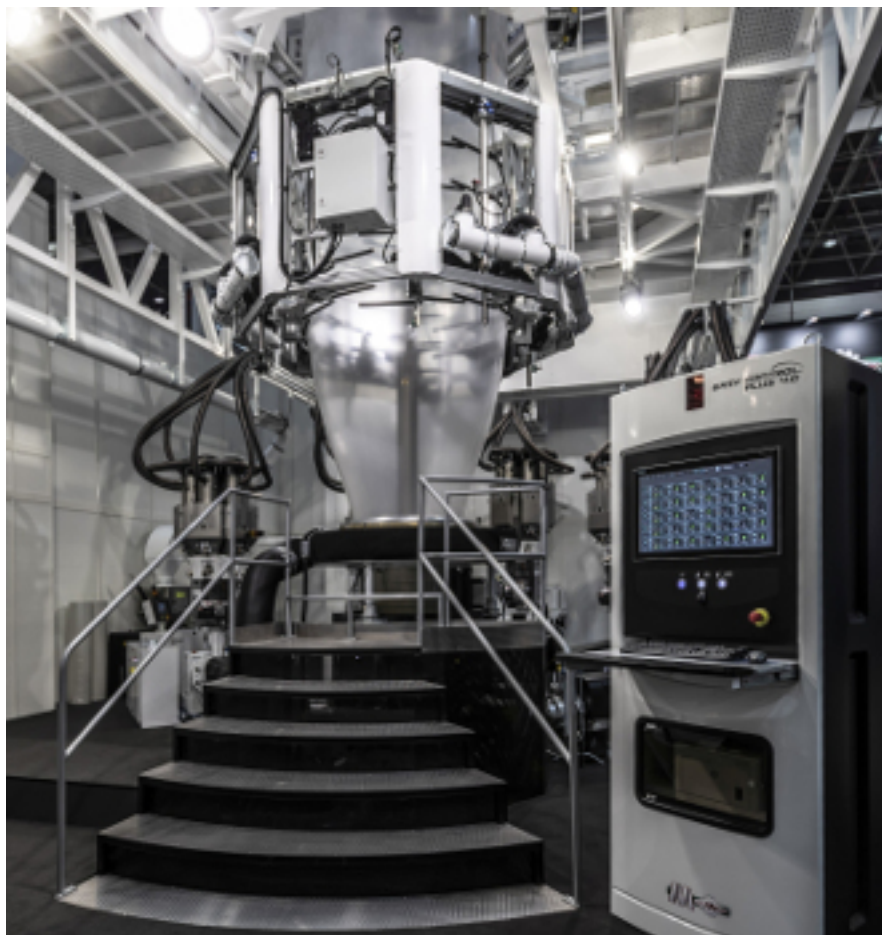
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## **NEW 5-LAYER R-POD FLEX LINE**

On the occasion of the NPE show (Orlando, FL, USA), MACCHI displayed a 5-layer R-POD Flex blown film line representing the latest evolution of the innovative POD Flex system (dedicated to polyolefin), specifically designed for very high productivity and for the use of "secondary" raw materials (regenerated/recycled).

The 5-layer R-POD Flex line is conceived for sustainable films featuring reduced thickness, perfect sealing and excellent optical and mechanical properties. This new technology allows extremely rapid job changes and, at the same time, minimizes production waste. Thanks to the introduction of important developments both from the technological and automation point of view, it is simple to switch from high-capacity productions for lamination films, to recycled material productions for industrial packaging.



The line running throughout the NPE show had the following features:

- extruders configuration 65/65/105/65/65
- continuous flow hydraulic screen changers
- triple flow air ring with integrated automatic profile control system
- wax drainage system
- frost line scanner
- smoke suction system on bubble guide
- Centro Freeze supporting basket with cooling function
- Bo Plus double-station automatic winder
- Recotrim inline system for side trim recovery
- MACCHI IoT digital solution to perform OEE monitoring, breakdown analytics, predictive maintenance, and to verify production efficiency in real time
- MACCHI WIS (Web Inspection System) for film defects mapping.

[www.macchi.it](http://www.macchi.it)

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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