

# ITALIAN PLASTICS & RUBBER PROCESSING MACHINERY INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 85



UCIMU-SISTEMI PER PRODURRE



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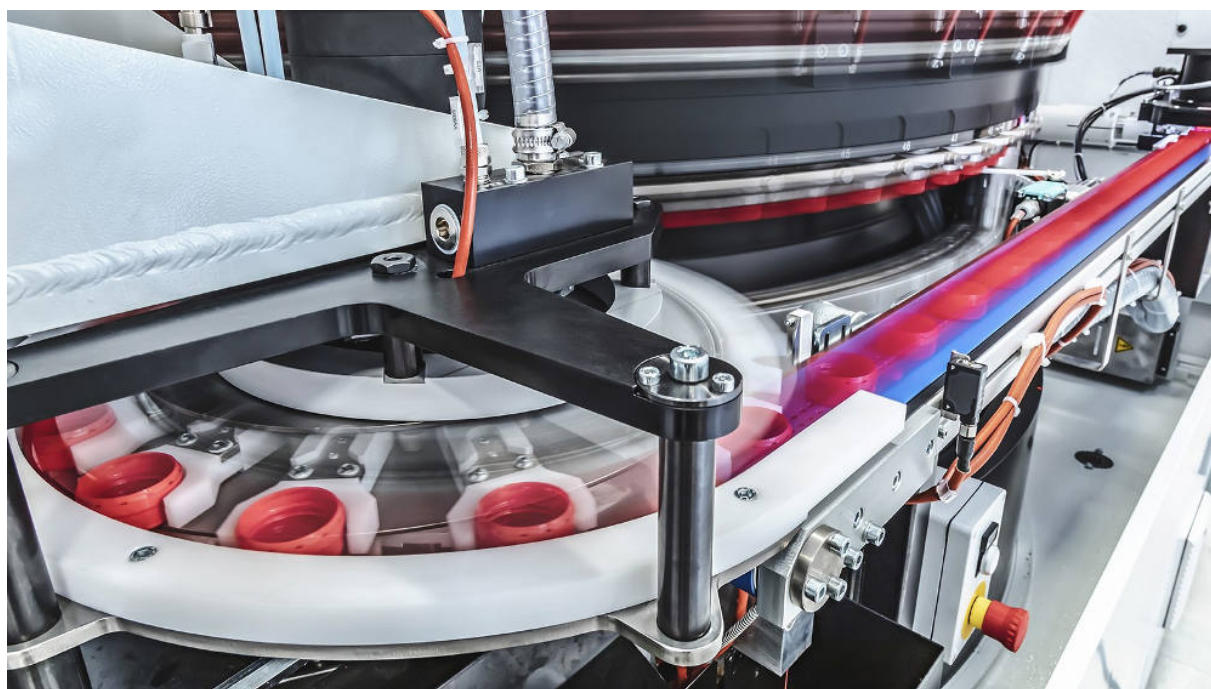
## **DIGITISATION AND ARTIFICIAL INTELLIGENCE**

At NPE 2024 show (Orlando, FL, USA), SACMI exhibited a range of solutions based on human-machine interaction including new controls, digital tools and AI.

The primary goal of digitally advanced controls is to protect the customer's investment by making it easier for operators to manage SACMI machines and plants thanks to the 'digital inside' technology based on three solutions.

Smart Pack 2 is the latest advanced control package, available from 2024 on SACMI CCM cap presses. The goal is deep control of everything on the machines, from hydraulics to consumption, giving systems "self-adjustment" capabilities and feeding valuable functional info back to process control. Another fresh feature for 2024 is the 'prediction' button on the press: this forecasts machine behavior over time, anticipating any production drifts and expediting proactive maintenance.

Smart Care is an exclusive service available on SACMI machines that provides secure in-cloud sharing of the main operating parameters; it ensures optimal decision-making on the line and feeds customers real-time suggestions and assistance from the SACMI team.



Classy AI is a new approach of SACMI to quality control. Apart of the SACMI Computer Vision systems CVs suite, Classy AI automatically classifies defects, making it much easier to run plants and perform process control.

Sticking to artificial intelligence, Gilda AI is a pioneering chatbot-like tool leading the way towards a new human-machine ecosystem. In the event of a machine malfunction or process drift, operators can simply 'ask Gilda to obtain prompt, customized AI-powered answers to their queries, opening the door to artificial intelligence applied to industrial machines.

Switching to "future-proof" technologies in the segment of presses for caps and preforms, SACMI propose CCM64 cap press and IPS 300 preform press. In addition to advanced controls and integration with quality control – IPS is currently the only press to incorporate a vision system, the PVS156 by SACMI Computer Vision, directly on the machine – the latest solutions also offer the prospect of working with fully recycled materials. For example, the CCM can be fed with HDPE from food-grade PCR. The solution can be fed with 100% rPET.

As regards the transition to the 26/22 mm neck-cap, SACMI showcased an enhanced solution that takes necks towards the 26/22 mm standard. Guaranteed, thanks to SACMI's close collaboration with major international certification bodies, Cetie included, and profitable because, thanks to its skilled Lab team, SACMI provides customers with close support to identify the solution that best matches their production requirements while factoring in consumption habits for individual segments, countries or markets. At present, SACMI offers the market's largest family of caps for 26/22 mm necks, with plenty of opportunities on the tethered front too. The IPS on display at NPE was equipped with a 96-cavity SACMI mold to produce a 11.5g preform with a cycle time of 6.6 seconds.

[www.sacmi.com](http://www.sacmi.com)

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:

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