

ITALIAN PLASTICS & RUBBER PROCESSING MACHINERY INDUSTRY ~ NEWS

May 2023

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 80



UCIMU-SISTEMI PER PRODURRE



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RAW MATERIAL AND ENERGY SAVINGS, AND SMART VISION INSPECTION

SACMI has presented at Chinaplas 2023 new technological developments for the CCM that deliver even greater energy savings and more advanced controls. Alongside them, an inspection revolution with dedicated systems that SACMI, as of now, also produces directly in China.

With more than 680 CCM presses installed, SACMI leads the way on capping line market, and at Chinaplas 2023 the company showcased multiple innovations on the latest-generation CCM presses. The press range now benefits from an integrated range of “smart vision” inspection systems, from the CHS (for caps), to the PVS (for preforms), which can be incorporated on the next-gen IPS 300 and IPS 400.



SACMI showcased the latest CCM machines, equipped with the brand new CM-Flow extruder which allows energy savings of up to 9%, up to 50% fewer black specks compared to the same resin processed with traditional extruders, and to produce caps that have the same resistance to stress cracking as those produced with traditional extrusion technology and operates at lower temperatures. CM-Flow isn't just highly effective. It's also simple and compact. This allow for quick and easy maintenance because, unlike a conventional extruder, the motor is coupled directly to the screw without any need for a gearmotor. It is as-standard on the new SACMI CCM48SD presses yet can also be implemented on the CCM24SF and CCM32MC versions.

All latest-generation CCMs - and existing versions such as the CCM24SF, CCM32MC, CCM48SD and CCM64MC - can be equipped with SACMI Smart Pack. A digital control package that integrates advanced sensors and on-board controls, Smart Pack simplifies operation, increases machine availability and reduces the risk of errors or line stoppages. This is possible, for example, through an automatic system that verifies correct dose insertion and positioning; through automatic and predictive hydraulic oil quality control; through cutting-edge thermoregulation to prevent on-mould condensation, thus boosting system availability and extending machine and mould component lifespans while improving the quality of the moulding process.

SACMI's idea is to offer the market a revolutionary approach that is already as-standard: inspection is no longer simply about controlling individual defects/caps, it's a tool to gather valuable information to improve processes and predict drifts. Key innovations include a patented solution that inspects tamper band slitting on the new tethered caps. The tethered standard is also of growing interest and SACMI offers a range of advantageous ready-to-use solutions, such as simple slitting of the tamper band in post processing.

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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:

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