

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

Sept 2024

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 93



UCIMU-SISTEMI PER PRODURRE



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OMERA: A TECHNOLOGICAL HUB WITHOUT LIMITS

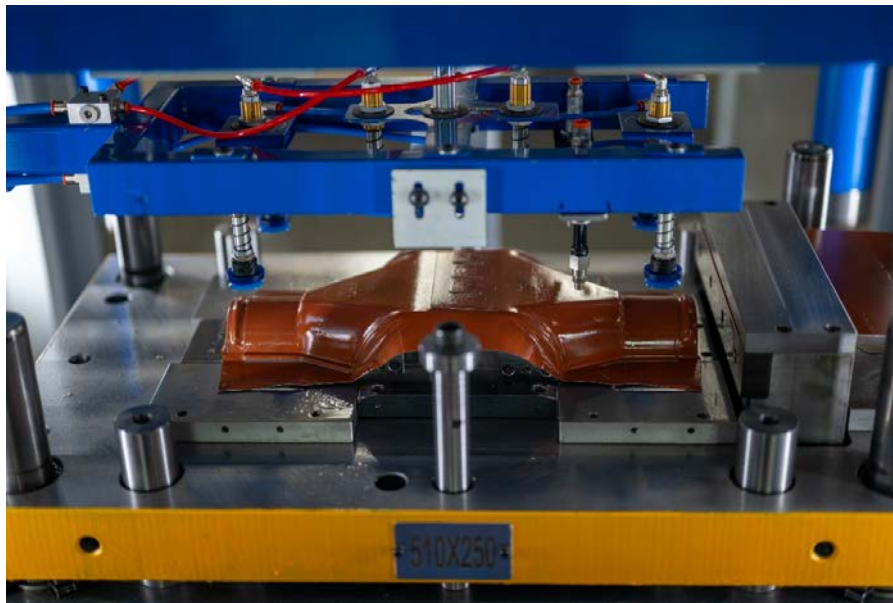
When Omera has to face some really complex demands, our company knows how to offer the best of itself. An example of this is the automatic production line of components for downpipes and gutters starting from coil which has been installed recently in a foreign company.

Designed to allow the production of two half-shells of downpipe elbows and gutter outlets starting from coil, it has fulfilled our customer's request ensuring a cycle time for all the components not longer than 9 seconds.



The line is fed through coil with a decoiler and a 4-ton motorised head, a hydraulic table and an electronic feeder. It is also composed of a straight side hydraulic press and a press automation equipped with a two-axis feeder suitable for housing 2 types of handling unit with vacuum suction cups and a separate circuit for pieces and scraps. Finally, it is completed with two conveyors: a cross conveyor for the scrap evacuation in metal boxes, and a second one for the unloading of processed pieces.

In particular, the press is equipped with a programmable control system SIEMENS with touchscreen display, which monitors all the functions of the whole plant, a synchronism interface for automations to be controlled by Omera PLC and a device for the VPN connection with Teleservice prearrangement.



The added value of choosing OMERA is that both the electrical and the electronic design of the whole production line has been developed by OMERA itself. This approach guarantees great benefits to the customer in terms of controlling the entire production line via a master panel, assistance and guaranteed spare parts for all components of the system itself.



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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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