

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

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UCIMU-SISTEMI PER PRODURRE



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AUTOMATIONS DEDICATED TO SHEET METAL FORMING MACHINES - DECOILERS, STRAIGHTENERS, FEEDERS, CUTTING TO LENGTH LINES, TRANSFERS, MANIPULATORS BY ASSERVIMENTIPRESSE SRL

Born from thirty years experience gained by its founding members, Asservimenti Presse has always concentrated its energies and resources in the design and construction of a series of automations dedicated to sheet metal forming machines. Founded in 1989, the original production area initially concerned the production of blanked parts and related moulds, combined with the creation, on behalf of third parties, of mechanical parts for machine tools.

The company began to take its first steps starting from this background, from which the already qualified technicians started their activity in the sector starting from the feeding of blanking lines; after a few years of consolidation, the big leap was made with the start-up of an autonomous industrial reality. Today the production mainly concerns decoilers, straighteners, feeders, cutting to length lines, transfers, manipulators, all available in numerous variants, with technology exported to over 20 countries around the world, for a total of approximately 3.000 systems installed.



In a context in which the market trend sees a continuous increase in the use of always wider sheet metal formats and coils with increasingly greater capacity, the company responds with products that adapt well to these needs. The company is able to realize lines with decoilers with a capacity up to 30 t, with an external diameter up to 2,000 mm, with strip widths up to 2,000 mm, for thicknesses up to 18 mm .

These systems are created following two technological philosophies. In the first case, which distinguishes the more traditional lines, the system is made up of 3 machines: a decoiler, a straightener and a feeder; these lines are

together with fast presses with 100-300 strokes per minute, or for delicate materials including stainless steel and pre-painted for example. In the second case, the layout of the system appears more compact, it involves simple or double decoiler combined with electronic -straightener-feeder unit with a thickness of up to 18 mm and a width from a minimum of 200 up to a maximum of 2.000 mm. These are complete solutions with an automatic strip insertion system and are capable of brilliantly solving the problem of feeding presses in extremely small spaces.

Furthermore, the electronic straightener-feeder units produced by Asservimenti Presse, thanks to the openable head which allows the cleaning of the rollers and facilitates the strip introduction, represent the ideal solution for large thicknesses. It is also realized an electronic straightener-feeder unit with electronic pilot release, capable of completely freeing the material using a numerical control system, and this means reduced times for head opening and closing, reduced speed rollers impact on the material and a save of energy.

The use of increasingly faster electronic systems combined with increasingly refined mechanics allows us to create highly compact lines for over 150 strokes per minute, with a 50 mm step.

The market nowadays also requires flexibility, for this reason Asservimenti has developed fully automatic feeding lines for electric presses, also called Servopresses; these are versatile systems capable of processing different types of materials with different thicknesses and widths. These are systems that provide automatic coil change and interchangeable straightening systems. They are synonymous with versatility, high performance and energy efficiency.



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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