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## Prima Power at Lamiera 2017: a complete range for the new 4.0 era

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The world of sheet metal processing is transforming: Big Data, Cloud, IoT, sensorization, connectivity, simulation, augmented reality, additive manufacturing, are the pillars of the new 4.0 factory that are strongly entering in this sector.

From May 17 to May 20, in the large Prima Power exhibition space (Booth D15, Pavilion 13) in Lamiera - the Italian exhibition dedicated to the metal forming machine tool industry this year hosted in Milan - it is possible to appreciate the benefits of digitization on the different steps of the production process, from programming to manufacturing, from data analysis to production optimization to remote and predictive assistance.

Prima Power technologies help customers capture the opportunities offered by the Fourth Industrial Revolution. In addition to the surprising direct benefits of intelligent, ultra-flexible, productive and efficient production, Italian companies investing in Prima Power products can also enjoy the great tax benefits introduced by the National Industry Plan 4.0, and Prima Power is present at the exhibition also to offer consulting and to support in a concrete way those who want to take advantage of it.

With the "Industry 4.0 Inside" brand Prima Power introduces at Lamiera its portfolio of products that enable manufacturing companies to transform their production processes and evolve towards a intelligent and sustainable factory, in line with the concepts of Industry 4.0.

The main technologies exposed are:

- 2D Laser Genius fiber laser machine, with the new adaptive head to maximize performance and cutting quality for every thickness and material. 6 kW fiber laser source, numerical



control and automation "by Prima Power" for maximum integration, a very important factor in the view of maximum connectivity and ease of use.

- BCe Smart panel bender, characterized by ease of use, ergonomics, flexibility, safety and reliability, essential requirements to meet the new challenges imposed by the market.

Innovative safety devices active through laser scanners, programmable light references for simple pieces positioning, barcode reader and ATC system for automatic setup are some of the intelligent systems that feature the machine.

- the new Combi Genius combined punching/laser machine equipped with a servo-electric punching system available in two different performance categories: Pure, to meet all the objectives of an efficient production with a lower level of investment, and Dynamic, displayed at the exhibition, for maximum productivity and efficiency. Combi Genius is equipped with CF series 4 kW fiber laser, developed and manufactured by Prima Power, the new intelligent Ram which increases the number of index tools in the turret and the latest generation automatic loading/unloading system Compact Express.

- the eP 2040 press brake, the largest and most flexible of the Prima Power servo-electric press brakes family, thanks to the perfect combination of tonnage and machining capacity (200 ton x 4000 mm). Some of the winning features of the machine: O-frame, open concept tools, Prima Power touch screen numerical control, and the new Lazer Safe IRIS system for operator and tool safety.

- the entire suite of software products for digitizing the production process and remote and predictive care solutions. A large area of the Prima Power booth is available to visitors to attend demonstrations and presentations on Factory 4.0.

Another opportunity to see Prima Power machines at work is in Pavilion 15, booth E22-F17, where Platino Fiber is integrated with the sorting system of the Swiss company ASTES4.

For demonstrations at the exhibition, Prima Power uses special steel of ArcelorMittal CLN, a leading flat steel products distribution company created by ArcelorMittal's and CLN Group's joint venture: the most advanced machining technologies and the best steels for the highest quality.



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[For more information](#)

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### Prima Power

Prima Power is a world-class supplier in the high-tech field of laser machines and sheet metal machining. Its product portfolio is one of the most complete in the industry and includes: 2D and 3D laser machines for cutting, welding and drilling, punching machines, combined punching/laser and punching/shearing systems, bending presses, panelling machines, bending centres and Flexible Manufacturing Systems (FMS).

Prima Power is the Prima Industrie Machinery Division, a group with more than 1,600 employees worldwide, manufacturing facilities in Italy, Finland, USA and China and a sales and service network in over 80 countries.