

Agreement between Prima Power and Gasparini – The new series of the hP hydraulic press brakes by Prima Power for the high tonnage market is born

Collegno, May 9th, 2019 – **Prima Power has signed an agreement with Gasparini** for the distribution of products in the **Gasparini range with Prima Power brand and colors**. Thanks to this collaboration Prima Power expands the range of its press brakes, combining the models of the servo-electric eP series, produced in the Prima Power plant of Cologna Veneta (VR), with the **new family of the hP hydraulic press brakes, ten medium-large format models covering a range from 270 to 650 tons**. At the base of the agreement there is a real industrial project, valid at a global level, which entails that hP press brakes are **not only marketed but also assisted by the Prima Power network**.

The two technologies, electric and hydraulic, have complementary advantages and applications. Fast, accurate, clean and energy-efficient, the servo-electric eP press brakes are ideal for processing sheet metal with medium-low thicknesses. Powerful and flexible, the hP series products cover the highest tonnage range of applications. Having both technologies, Prima Power always offers the perfect solution for every bending needs.

Hydraulic press brakes are **ideal for the agricultural and earthmoving sector**, characterized by high-thickness components, and thus become complementary to high-power and large-format laser machines dedicated to this sector, considered strategic by Prima Power. The hydraulic press brakes, the 10 kW fiber laser for 2D machines and the new Laser Sharp 2060 are designed for customers who need particularly flexible products in terms of materials, thicknesses, and sheet sizes to be processed.



The hP series is the perfect combination of the strength and versatility of hydraulic technology and the energy savings and sustainability of the ECO package. The **Adaptive Crowning** and **Reflex system** also make this press brake the most accurate machine in its category.

The Adaptive Crowning and the Reflex system make it possible to compensate any deflection of the frame, which are inevitable during the bending process, thanks to sensors and control systems that guarantee the repeatability of the angle, whatever the material and thickness.

The **DSP laser safety system** protects the operator from the danger of being crushed between the upper and lower tool. It represents the evolution of the safety of the press brakes and allows a reduction in the bending cycle time.

The hP can be **connected in tandem, or integrated into automated lines or robotic cells**. Furthermore, the performances of hP press brakes can be further increased thanks to the possibility of configuring the machine according to the customer's production requirements. The **front supports**, the **bending follower** for large sized or very heavy sheet metal, the **wireless digital gauge** for the automatic correction of the bending parameters, the **flattening table** for increased productivity and easy operations, the **Laser Check**, which measures the bend angle and corrects it automatically using a laser beam and a video camera, are some of the main options available.

To further increase energy efficiency and environmental compatibility, the hP series can be equipped with the innovative **ECO system**: the motor is controlled by an inverter that manages speed and power. In this way flow and pressure in the hydraulic circuit are optimized according to the actual bending requirements.

AutoPol bending software is the solution for the most demanding programming tasks. It is an easy to use and effective tool for off-line programming of Prima Power hP series machines. The sophisticated bending simulation allows to study the feasibility of the pieces to be executed, check the bending sequence and directly produce the machine program.

Like all Prima Power products, the hP press brakes are also **Industry 4.0** and have a series of software solutions such as **Data Logger** and **Tulus Reporting View**, for the control and



reporting of production and system performance, or as **Production Manager**, for communication with the customer's ERP and the creation of work queues.

The hP hydraulic press brakes complete the already extensive Prima Power product portfolio for sheet metal processing, allowing the company to be even closer to the needs of customers in all sectors.

Captions:

1. The hydraulic press brake Prima Power hP 4060
2. Mechanical buckets bent with the hydraulic press brakes of the hP series
3. Adaptive Crowning measures and compensates the ram deflection during the bending process
4. The Reflex system guarantees the repeatability of the bending angle

For more information

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Prima Power

Prima Power is a world-class supplier in the high-tech field of laser and sheet metal working machinery. 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, press brakes, panel benders, bending centres and Flexible Manufacturing Systems (FMS).

Prima Power is the Prima Industrie Machinery Division, a group with more than 1,800 employees worldwide, manufacturing facilities in Italy, Finland, USA and China and a sales and service network in over 80 countries.