
Prima Power at the EuroBlech 2016

BCe Smart: the smart panel bender that increases your productivity

After its successful launch at the Lamiera show in Bologna, the new servo electric panel bender by Prima Power BCe Smart makes its international debut at the EuroBlech in Hannover.

“Today machines must be increasingly smart and productive.” - explains Roberto De Rossi, Product Manager for the Press Brakes at Prima Power. “Ease of use, ergonomics, flexibility, active safety and reliability are the key requirements to face the new challenges that the market imposes. BCe Smart 2220 is our new panel bending machine which perfectly meets these requirements with simple but innovative and intelligent solutions. This is why we called it Smart.”

The large working table that allows loading and unloading in a single sequence increases productivity. The machine is extremely easy to use and does not require skilled operators: thanks to the barcode reader and the ATC system its setup is automatic, it takes place in masked time and activates dynamic production queues.

The high ergonomics and safety levels are obtained through a series of characteristics such as the absence of physical barriers for manual loading, warning lights and acoustic signals to synchronize the loading and unloading, programmable luminous reference for the simple positioning of the pieces to be machined and the additional interactive display that guides the operator in the working phases to be carried out, for example, the orientation of the



pieces etc. The working table side sections can also be easily lowered to allow the operator to get closer for loading or unloading the medium-sized sheets.

BCe Smart is very flexible and is also ideal for producing small volumes, kits of components and individual parts with high quality bending and high repeatability.

The compact layout, low maintenance and quick and easy installation make it a truly unique machine. The servo-electric actuators allow to significantly reduce energy consumption and maintenance costs.

With BCe Smart managing the entire production process is easy and efficient, thanks to the Open numerical control by Prima Electro, the Tulus operator interface and the Master Bend Cam programming system. The machine is also prearranged to be integrated with robots for the automatic loading and unloading.

BCe Smart is equipped with a range of options to adapt it to specific applications, such as automatic tool change, the additional short blades for their symmetrical or asymmetrical positioning, the UBC to minimize the bending profile width or pieces centering devices with asymmetric notches. There is also an additional screen for the self-learning mode.

The maximum bending length of BCe Smart is 2250 mm and the size of the machinable sheet can vary between 180 x 360 mm and 1500 x 2850 mm. The bending force is 32 tons.

High-resolution illustrations are available in the Download section of the Prima Power website (<http://www.primapower.com/downloads>)

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About Prima Power

Prima Power is a world class supplier in the high technology field of laser and sheet metal fabrication machines. Its product portfolio is one of the most comprehensive in the field and includes: laser machines for cutting, welding and drilling, turret punch presses, combined punch/shear and punch/laser systems, press brakes, panel benders, bending centres, and flexible manufacturing systems (FMS).

Prima Power is the Machinery Division of Prima Industrie, a Group with over 1600 employees across the globe, manufacturing plants in Italy, Finland, USA and China and a highly specialized sales and service network in over 80 countries.