

Laser Sharp 2060 - The new large-scale laser machine by Prima Power fit for heavy duty applications

- *The Laser Sharp 2060 is the newest addition to Prima Power 2D laser machine family. It is a large-scale fiber laser machine for the processing of medium and large metal sheets. Strong, reliable, and precise, it is a workhorse for the modern job shops.*
- *Sharp by definition, with its large size, sturdy construction, and the high laser power available this product is fit for a range of heavy-duty sectors like yellow goods, earth moving machines, agriculture, heavy industries, and commercial vehicles.*
- *Laser Sharp combines high productivity, also thanks to its best-in-class piercing time, with high efficiency and low maintenance, granting an excellent price-performance ratio.*

Collegno - September 16, 2019 – The new Laser Sharp 2060 completes the Prima Power 2D laser line with a machine featuring a **large work area (6,070 x 2,045 x 120 mm)** and a **conventional, robust construction made for heavy-duty environments**. The machine design features a carbon steel electro welded structure and a highly rigid and lightweight aluminum extrusion gantry carriage. It is **perfect for industries requiring the processing of thick materials and medium to large size sheet metal**.

Laser Sharp can be equipped with **fiber lasers up to 10 kW**, granting a powerfully productive solution with **best-in-class piercing time of less than 1 sec**.

This powerful performance does not compromise efficiency and profitability: Laser Sharp grants **low operating cost, and reduced maintenance**, thus combining high productivity with excellent price/performance ratio.



The cost-effectiveness is also granted by a quick installation not requiring special foundations and a machine footprint that is the smallest possible with respect to its strokes.

The new machine is **sharp by definition on every material**. Laser Sharp fiber laser head is designed and developed by Prima Power for excellent cutting quality and dynamics on all materials and thicknesses also thanks to adaptive optics for the **automatic management of the focal position and diameter**. The certified mechanical structure of the laser head challenges even the highest cutting pressures, while the sealed and protected case endures the harshest environments.

Versatility is one of Laser Sharp's big strengths. Fit for medium and large size metal sheets and medium-high thickness materials, it covers a wide range of applications. Flexibly productive, Laser Sharp can also include **five suites of options to adapt to the different applications and production rhythms**: thin or thick metal sheets working, intensive productions, and high accuracy requirements. With **SMART Cut, MAX Cut, NIGHT Cut and CONTROL Cut**, Laser Sharp is always tailored to the users' requirements.

Ease of use is a must in today's working environments. Integrated **Group's own Prima Electro Open Laser 2D CNC control and the Tulus® Laser 2D HMI** are keys to seamless, user-friendly system operation.

The optimized motion algorithms dedicated to laser tool embedded into the proprietary CNC make Laser Sharp **accurate and repeatable in cutting and laser head positioning**.

As all Prima Power products, Laser Sharp is **compliant with the Industry 4.0 guidelines**, helping Prima Power customers turn their production sites into smart factories. This productive and reliable machine interacts with the factory and with the whole enterprise, and customers have the power to remotely monitor and control the production process for the highest efficiency.

With this new addition to its product range Prima Power can now better satisfy its customers' needs in case of medium- and large-sized sheet metal with a tough, productive, accurate and affordable solution, particularly targeted to heavy-duty industries.



Link to download the images (copy & paste in your browser):

<https://drive.google.com/drive/folders/1rzXjJlkzrOlakCzV4-sDoH9sCgxb59k7?usp=sharing>

Captions:

1. Laser Sharp 2060 is the new large-scale 2D fiber laser machine by Prima Power
2. Laser Sharp fiber laser head is designed for excellent cutting quality and dynamics on all materials
3. Integrated Group's own Prima Electro Open Laser 2D CNC

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.