
Laser Genius, amazing performance and user friendliness for your job

Impressive performance, state-of-the-art technologies, energy efficiency: only a genius could do it. The new **Laser Genius** - the spearhead of Prima Power 2D fiber laser cutting technology - stands out for productivity, accuracy and efficiency, and for the innovative application of synthetic granite and carbon fiber.

High dynamic linear motors ensure a 15% increase in productivity compared with conventional drive systems, the machine has a comprehensive range of automation modules and the effective CNC proprietary management guarantees accuracy in cutting and head positioning.

Laser Genius is a product of higher class with low operating costs thanks to high energy efficiency, no laser gases and reduced maintenance. This result is obtained also thanks to Prima Power proven leadership in laser technology - about 2000 flat laser machine installed worldwide - in terms of flexibility, quality and user friendliness.

Genius has linear motors on X and Y axes, carbon fiber carriage, synthetic granite frame: unique characteristics allowing it to exploit fiber laser



technology at its best. Another feature that stands out is also the proprietary hardware and software for laser process control and high brilliance 6 kW fiber laser.

Prima Power fiber cutting head features single lens strategy, safe impact protection system, high dynamic focal axis with 35 mm stroke, lens drawer with quick alignment system (OPC) and protection glass drawer for easy inspection. All this and many other features make it an accurate, versatile and efficient machine also in case of 24/7 non-stop production.

Laser Genius has been developed to maximize customer's competitiveness according to their application. A series of option suites is dedicated to the different production needs:

- SMART Cut, for fast cutting of thin sheets (up to 5 mm) allows a reduction of the cycle times up to 30%
- MAX Cut, for the fast cutting of medium-thick gauge sheets, makes it possible to reduce processing times up to 40%
- NIGHT Cut, for intensive production, grants a higher piercing and cutting process safety

Excellent machine quality and extraordinary performance always focusing on environment and ergonomics. Laser Genius is designed and developed following the Prima Power **Green Means®** philosophy: high technology and knowhow which meet the requirements of both productivity and more sustainable manufacturing.



The cabin is available in two different versions: ***Lean cabin*** design means minimum footprint, easy installation and competitive price, while ***Open Cabin*** with fully opening sliding doors grants excellent accessibility and user friendliness for the operator, in line with Prima Power's tradition. With the launch of Laser Genius on the market even more customers will find in Prima Power the right partner for their needs.

[For more information](#)

www.primapower.com

info@primapower.com