



COMAU LAUNCHES LHYTE ITS NEW HYBRID LASER SOLUTION

An innovative Made-in-Italy solution for today's advanced laser applications

Torino, February 23, 2017 – Comau, a leading global company operating in the industrial automation field, unveils LHYTE, developed by Comau in collaboration with Prima Electro, a cutting-edge hybrid laser solution that combines a direct diode and fiber laser source within the same modular system. Compact yet powerful, LHYTE allows automakers to increase line productivity by supporting every type of laser application – from remote to direct laser welding and from cutting to brazing – with extreme speed, accuracy and repeatability while lowering overall costs. LHYTE is also suitable for the General Industry in applications ranging from pipelines and construction to white goods manufacturing.

The premium hybrid laser from Comau features a patented optical chain architecture that permits the system to pass from fiber laser to diode laser, ensuring high reliability, zero downtime and full control of the laser process. With an integrated chiller and modular structure designed to accommodate fiber and/or diode-based lasers, this single solution can easily meet the specific needs of any project. In fact, the unique combination of precision and quality inherent to the Italian-designed solution allows it to fully satisfy the structural and stylistic requirements of each customer.





Key benefits:

- A single solution for every laser application - welding, cutting, brazing
- Modular solution available in three different versions - hybrid, fiber, diode
- Unique, patented optical chain architecture
- Stylistic design with reduced footprint
- Integrated backup strategy for increased reliability
- Simplified spares management

Technical Specifications:

	Fiber Laser	Diode Laser
Max. output power:	4000 W	6000 W
Beam quality(BPP):	4 mm * mrad	60 mm * mrad
Optical fiber min.:	100 μm, NA 0.22	600 μm, NA 0.22
Wave length range:	920nm - 1070 nm	

LHYTE hybrid laser is the Comau response to evolving market needs and forms part of an advanced materials strategy that focuses on comprehensive solutions to join premium materials, including the high volume laser welding of aluminum parts. It is yet another example of the Company's dedication to helping customers increase their productivity and subsequent profitability in any manufacturing environment.





About Comau:

Comau, a member of the FCA Group, is a worldwide leader in delivering advanced industrial automation solutions that integrate products, technologies and services to help companies of all sizes increase plant efficiency while lowering operating costs and optimizing returns. Headquartered in Turin, Italy, Comau has over 40 years of factory-proven experience, and an international network of 34 locations, 15 manufacturing plants and 5 innovation centers that span 17 countries and employ more than 9,000 people. With a strong focus on innovation, Comau is committed to developing competency through the formation of individuals and groups as part of its open automation approach. Comau is driving the future of production automation by engineering lean and sustainable solutions and products. Its modular, flexible and highly-configurable products can be tailored to meet the needs of each individual customer. Through the continuous development of products and services, Comau is able to lead the automation industry in every phase of a project - from design, implementation and installation, to production start-up and maintenance services. Its comprehensive offering includes manufacturing and assembly solutions, powertrain machining, robotics and asset maintenance services for a wide range of industrial sectors.

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