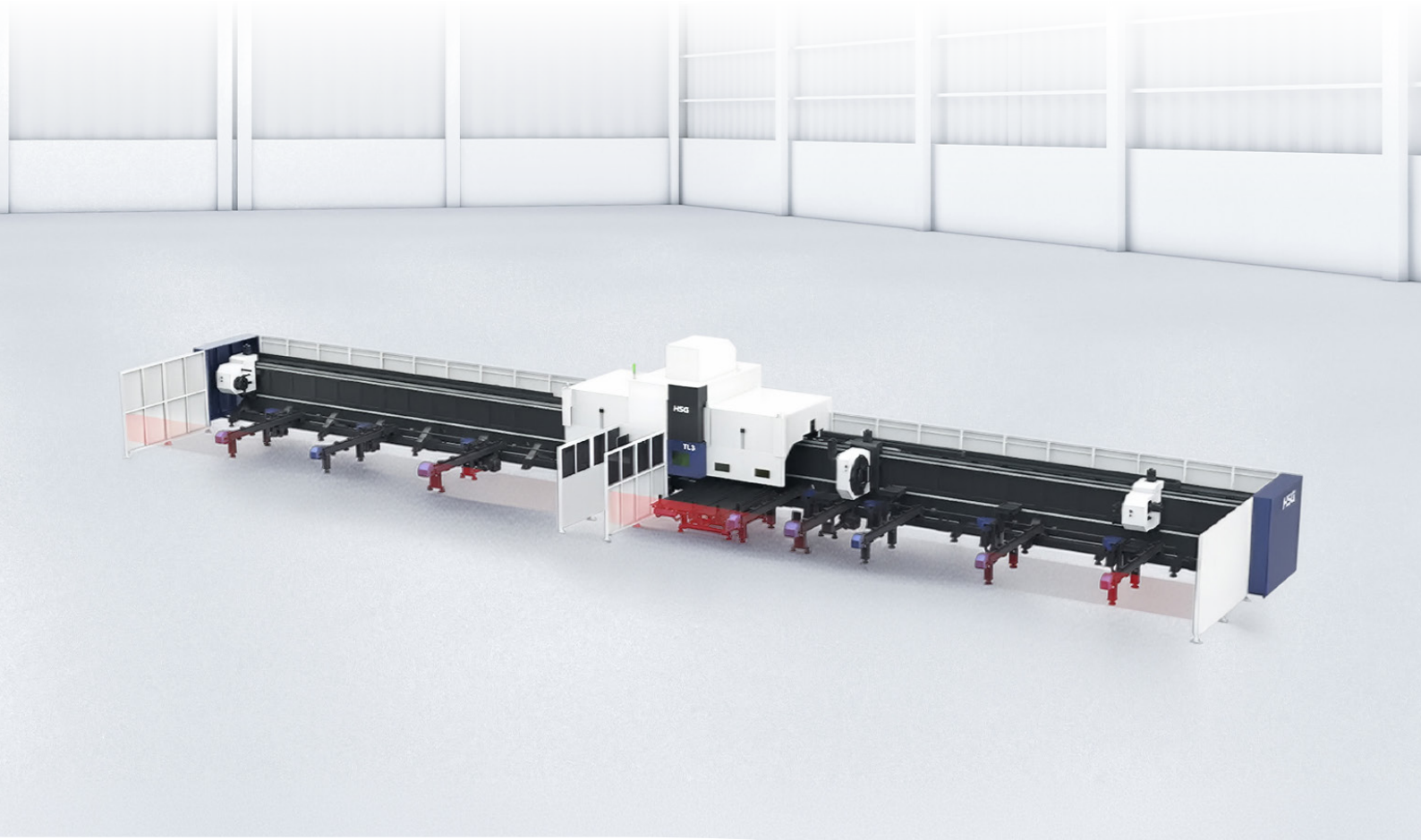
LASER MACHINES

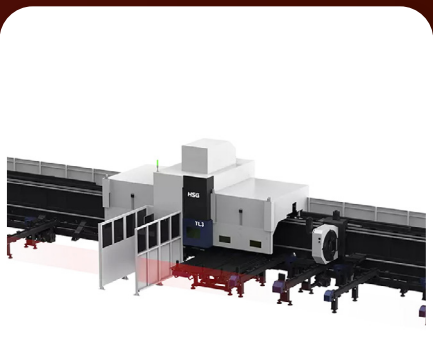


TL3 Pro

4+1 Chuck Tube Laser Cutter



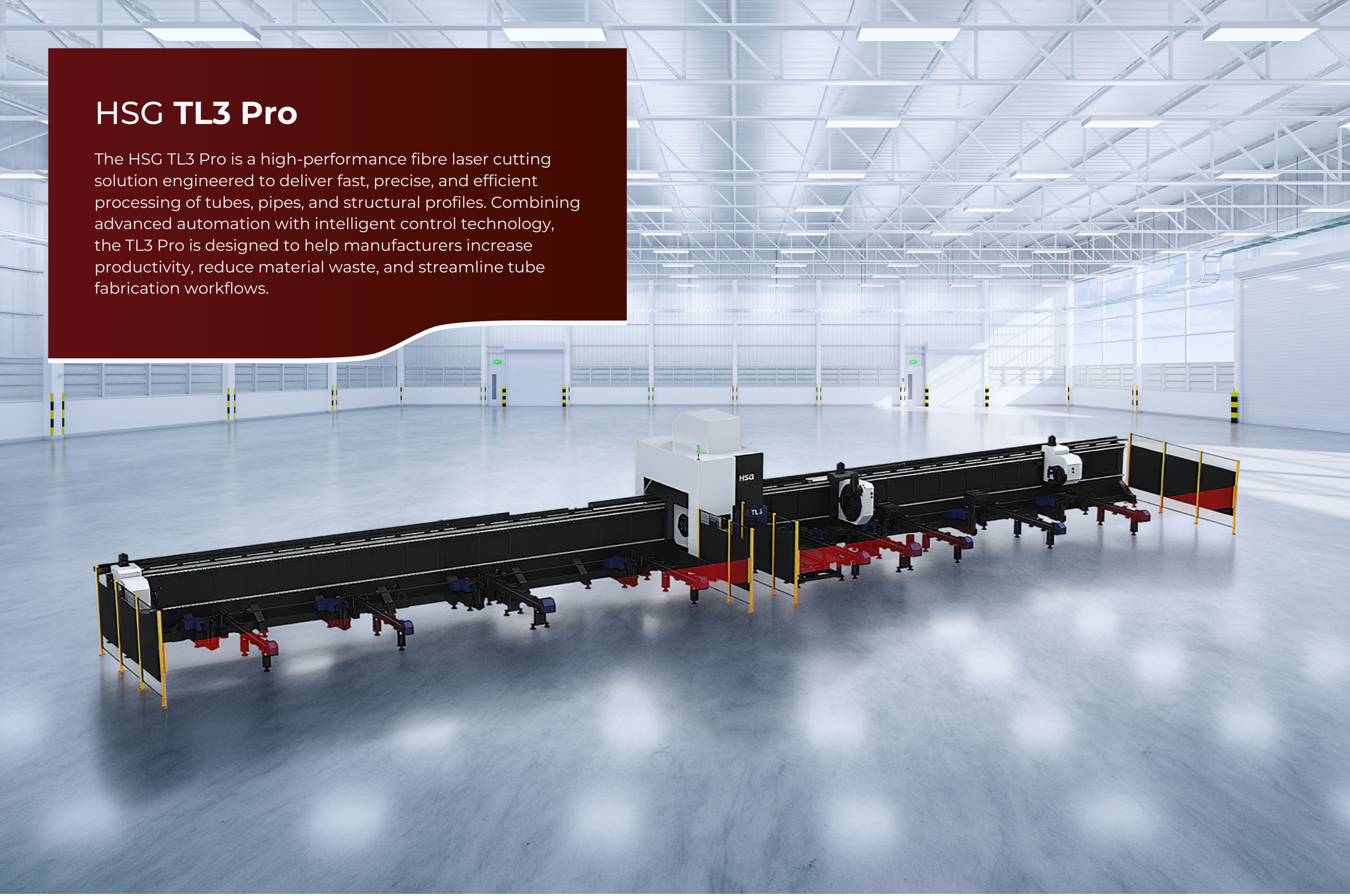




www.lasermachines.com.au

HSG **TL3 Pro**

The HSG TL3 Pro is a high-performance fibre laser cutting solution engineered to deliver fast, precise, and efficient processing of tubes, pipes, and structural profiles. Combining advanced automation with intelligent control technology, the TL3 Pro is designed to help manufacturers increase productivity, reduce material waste, and streamline tube fabrication workflows.

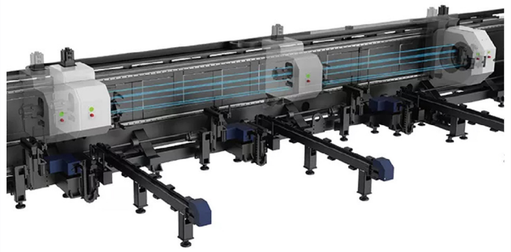


FEATURES



Full-Floating Twin Chuck Design

Advanced 4+1 full-floating twin chuck system, which combines clamping and support functions within a single design. Engineered to accommodate both small and large tube profiles, the system provides secure material handling, improved stability and greater flexibility across a wide variety of tube sizes.

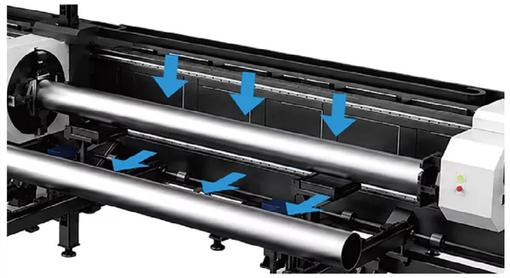


Increased Cutting Performance

Combining faster axis movement, higher chuck rotation speeds and HSG's latest control algorithms, the TL3 Pro delivers outstanding dynamic performance and significantly reduces processing times. Compared to the previous generation, cutting efficiency has improved by more than 35%.

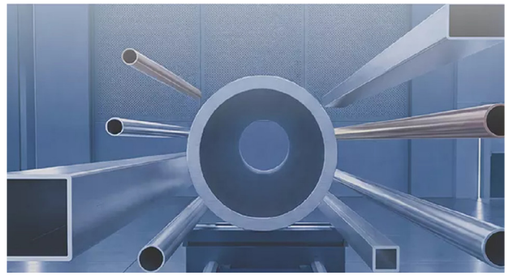
Follow-Up Support System

Equipped with four loading supports and five unloading supports, to maintain continuous support throughout the entire cutting process. The receiving-style unloading system and low centre-of-gravity design help prevent material movement and tube rolling, improving safety while reducing manual handling requirements.



Wide Tube Processing Capacity

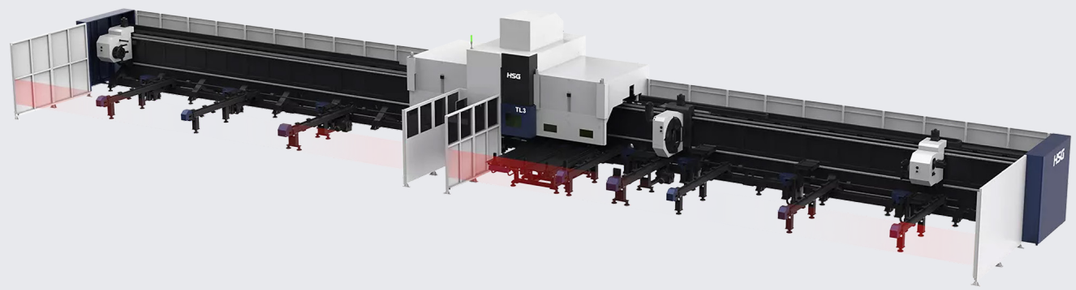
Designed to handle an extensive range of materials, the TL3 Pro can process round tubes from 20 mm up to 360 mm in diameter. From lightweight profiles to large, heavy-duty sections, the machine delivers exceptional versatility across a wide range of applications.





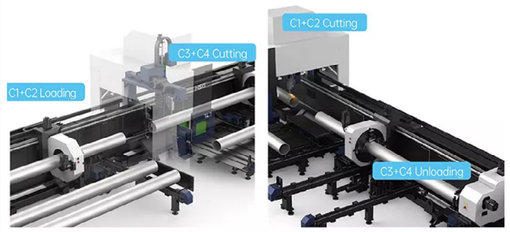
Heavy-Duty Loading Capacity

Built on a robust dual-rail drive platform with a stress-relieved machine bed and low centre-of-gravity design, the TL3 Pro is engineered for demanding applications. With a maximum loading capacity of 1,600 kg, it provides the stability and rigidity required to process larger, heavier tube profiles with confidence.



Enhanced Loading Efficiency

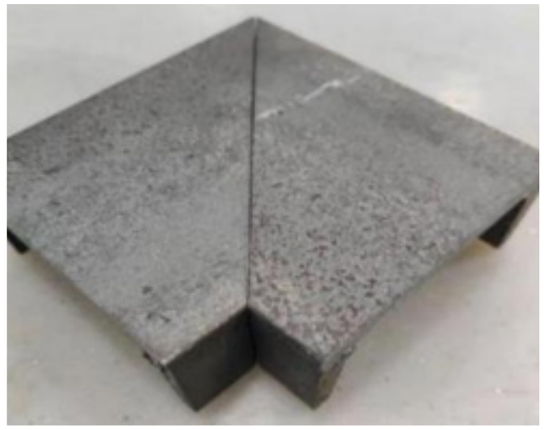
The TL3 Pro's intelligent parallel processing system allows loading and unloading operations to take place while cutting is in progress. By eliminating unnecessary downtime between production stages, the machine achieves over 25% greater loading efficiency and keeps production moving continuously.



SPECIFICATIONS

Parameters	TL3 Pro
Power (kW)	6 - 20
Cutting Capacity of Round Tube	20 - 360 mm
Cutting Capacity of Square Tube	20x20 - 360x360 mm
Max. Linkage Speed	100 m/min
Max. Acceleration	1.0G
Weight of Single Tube	1600 kg
Bevel Cutting	Optional
4+1 Twin Chucks	Standard





LASER MACHINES

At Laser Machines, we are committed to being Australia's trusted partner for laser cutting machinery and related equipment. Specialising in cutting-edge solutions, we empower businesses with the highest quality machinery and unmatched service and support.

Our solutions-oriented approach prioritises customer satisfaction by delivering reliable products tailored to diverse needs and applications. With a focus on quality and service, we work closely with our clients throughout every step of their journey, ensuring they receive solutions designed to enhance operations and achieve their goals.

Backed by over 70 years of combined experience, our team collaborates directly with manufacturers to drive innovation and deliver machinery that meets the evolving demands of modern industries. At Laser Machines, we don't just supply equipment - we provide expertise, partnerships, and the tools for success.

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