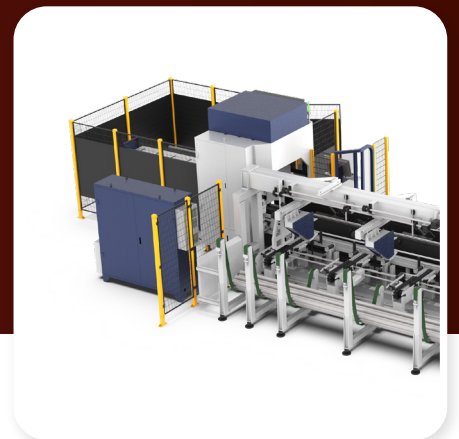




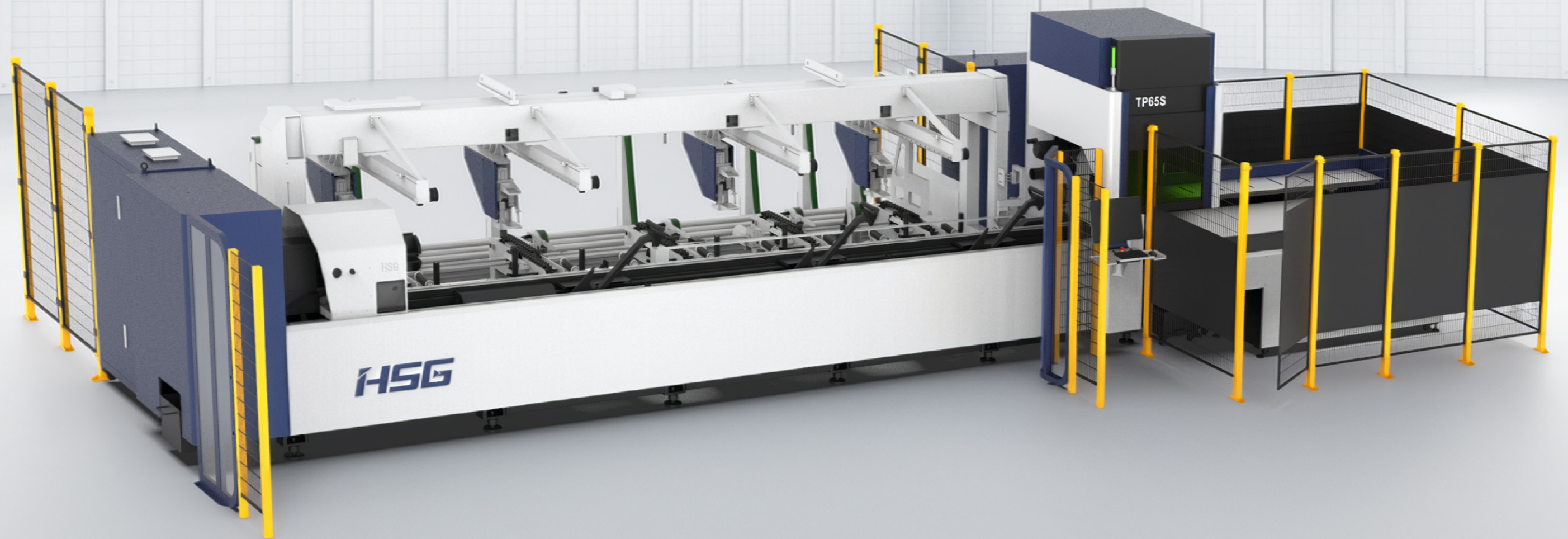
TPS SERIES

Bevel Tube Laser Cutter



HSG TPS SERIES

Equipped with state-of-the-art laser technology, the TPS Series offers unparalleled precision and efficiency in bevel cutting applications. With its advanced capabilities, the TPS Series ensures smooth and accurate cutting of tubes with beveled edges, catering to a wide range of industrial needs.

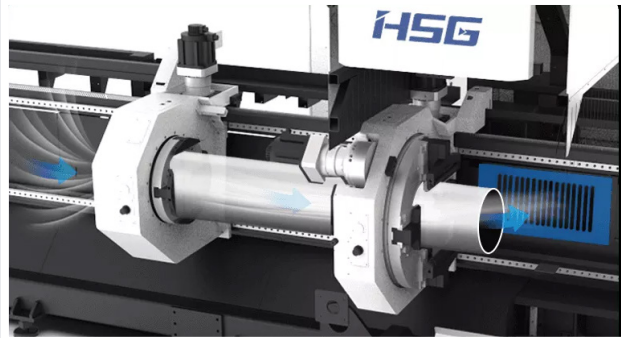


FEATURES



Intelligent Digital Chucks

Closed-loop control and real-time wireless data transmission for seamless operation and monitoring. The chucks intelligently detect the clamping status and accurately measure tube size, enabling precise adjustments. It also features self-adaptive adjustment of clamping force to optimise performance.



Dust Removal

Equipped with air hoses on the front chuck and high-power exhaust fans, the system effectively removes smoke and dust during cutting, reducing pollution and helping maintain a cleaner, healthier workspace.

High Speed and Intelligent

The system boasts high-speed data transmission, ensuring minimal delays and precise positional energy control. Its advanced technology includes a high rotational speed and air velocity bus system, coupled with servo motors, effectively minimising downtime.



Automatic Unloading Device

The follow-up turning plate and concave wheel design provide stable, efficient unloading for large and heavy tubes, reducing manual handling and improving workflow efficiency.

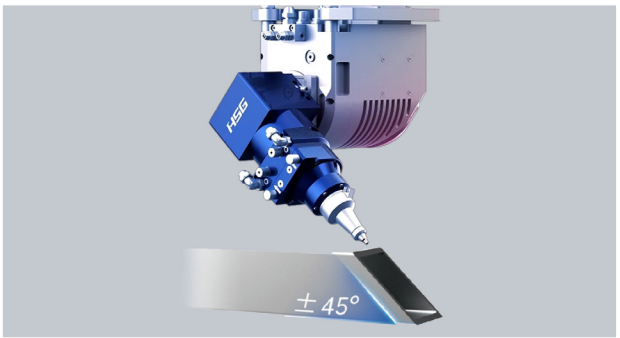


HSG-X Control System

HSG-X control system is bus-based and developed by HSG Laser. With intelligent and easy-to-operate service, it can offer users effective solutions to address problems of difficult operation, low efficiency and high costs.

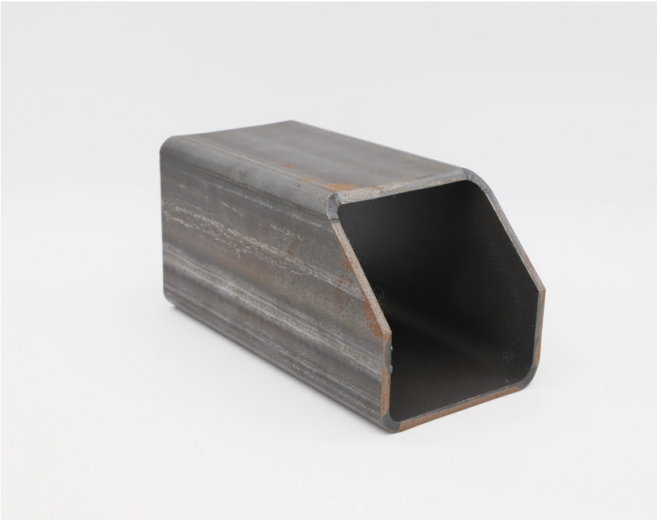
LA4 Bevel Cutting Head

The LA4 bevel cutting head is capable of processing tubes with bevels ranging from 0° to 45°



SPECIFICATIONS

Parameters		TP65S	TP80S
Dimensions (L x W X H) (mm)		12500 x 4700 x 2600	13700 x 4700 x 2600
Power (kW)		3 - 6	3 - 4
X/Y Axis Positioning Accuracy		±0.03 mm/m	±0.03 mm/m
X/Y Axis Repositioning Accuracy		±0.03 mm	±0.03 mm
Max. Linkage Speed		140 m/min	140 m/min
Max. Linkage Acceleration		1.2G	1.2G
Tube Cutting Capacity	Round:	20 - 273 mm	20 - 254 mm
	Square:	20 - 200 mm	20 - 200 mm
	Rectangle:	273 mm	254 mm
Weight of Single Tube (kg)		200	200
Tailing Length (mm)		Double Chuck Clamping Mode: ≥220	Double Chuck Clamping Mode: ≥220
Rotating Speed of Chucks		120r/min	120r/min



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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