

**As a global enterprise, HSG sticks to providing professional and convenient service support to customers at home and board**

- Professional Training**  
Multiple technical training services and free operation training are provided for customers and dealers in a timely manner.
- Efficient Support**  
Humanistic service model, online services and 7\*24 hotline to offer solutions and assistance.
- Optimized Transport**  
Multi-channel transport solutions and a professional transport solution team providing various transport cases to satisfy the demand of customers and save transportation fees.
- Sufficient Accessories**  
Highly efficient accessory delivery service; multiple network inventories jointly respond to accessory demand, shortening customers' waiting times and accelerating production.
- Careful Services**  
Domestic door-to-door service and free proofing, with over 100+ dealers providing efficient and convenient services.

**HSG**  
Shape Metal, Shape Trust



Website



Facebook



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**HSG**



**TP65SD**

▪ Flagship Series Compound Tube Fiber Laser Cutting Machine With Drilling and Tapping ▪

[www.hsglaser.com](http://www.hsglaser.com)

Company Culture

- SLOGAN**  
Shape Metal, Shape Trust
- MISSION**  
To support the high-speed growth of our customers
- VISION**  
To be a world-leading provider of metal shaping equipments & comprehensive solutions

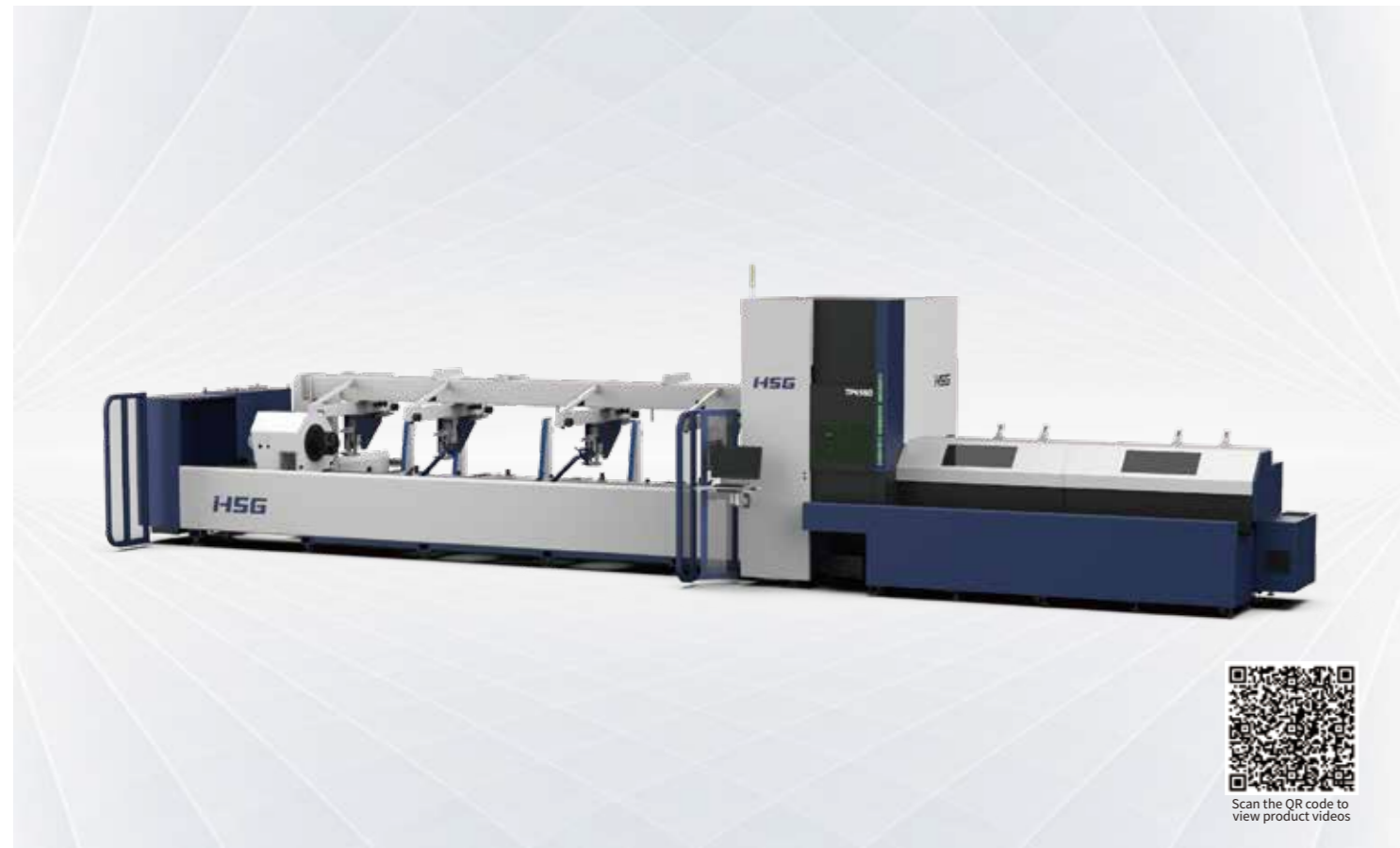
Company Profile

- 19** Global Branches
- 100+** Countries Covered
- 5** Manufacturing Bases
- 8,000+** Annual Capacity
- 30+** Global Service Centers
- 135,000m<sup>2</sup>** Occupied Area



# TP65SD 3000-6000W

Flagship Series Compound Tube Fiber Laser Cutting Machine With Drilling and Tapping



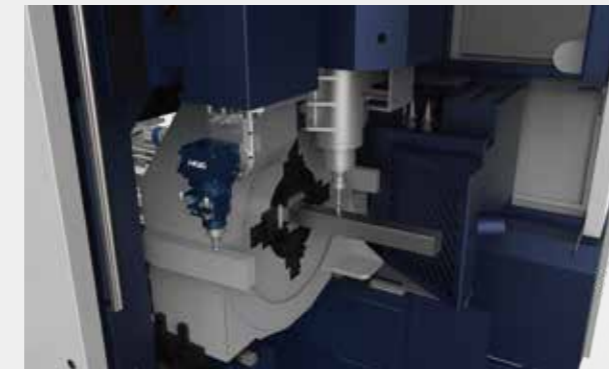
## Technical Parameters

Technical Parameter	TP65SD
Power	3000-6000W
Rotating Speed of Chucks	120r/min
Max. Linkage Speed	120m/min
Acceleration	1.2G
X/Y-axis Positioning Accuracy	±0.03mm/m
X/Y-axis Repositioning Accuracy	±0.03mm
*Tailing Length	Tailings in Double-chuck Clamping Model ≥220mm
Cutting Capacity	φ12-254mm (If change the claw can achieve max. 273mm) □20*20-200*200mm Side length ≤200mm
Weight of Single Tube	200kg
Dimensions with Semi-Auto (L*W*H)	12500*4700*2600mm
The range of pipe material	1000-6500mm

\* Machine appearance, technical parameters, function description, data comparison shown in this page are from HSG in-house laboratory. All testing results and experimental data shall be subject to real machine.

## HSG-X Bus Control System

- Simple Interface  
Clear interface is convenient for users operating and shows cutting data in real time to save time and costs.
- Functional Integration Control  
A number of core functions are showed centrally on the interface to reduce operating steps and users can easily learn to operate.

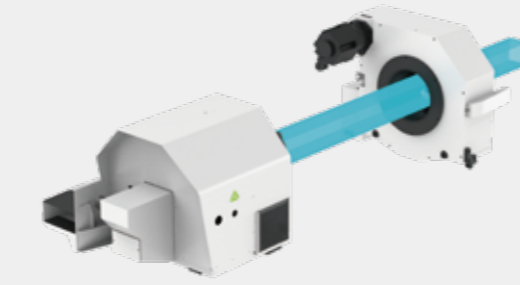


## Efficient Production: Cutting + Drilling + Tapping

- Integrated laser cutting, hot melt drilling and tapping, for molding at once to reduce processing processes, save labor, greatly shorten processing time and improve production efficiency

## SPEED+ High-speed Tube Cutting Technology

- Using SPEED+ high-speed cutting technology to improve the cutting efficiency of dense small graphics for high-speed tube cutting.
- Note: Chuck Rotation Speed: 120r/min
- Chuck Linkage Speed: 120m/min

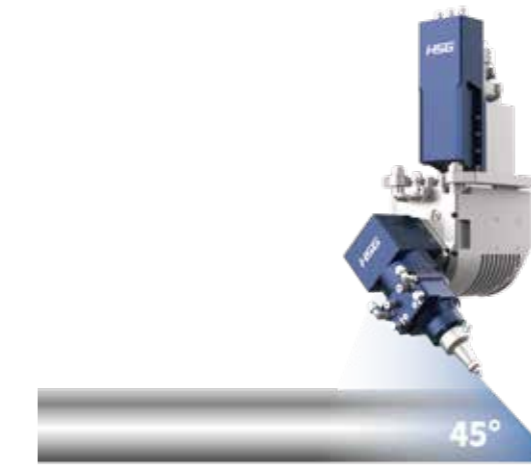


## Intelligent Digital Chuck

- The chuck can detect the clamping status and the tube size data to achieve self-adjustment of clamping force.

## Beveling Processing

- HSG-LA4 tube beveling tube cutting head to achieve 0-45° beveling cutting.

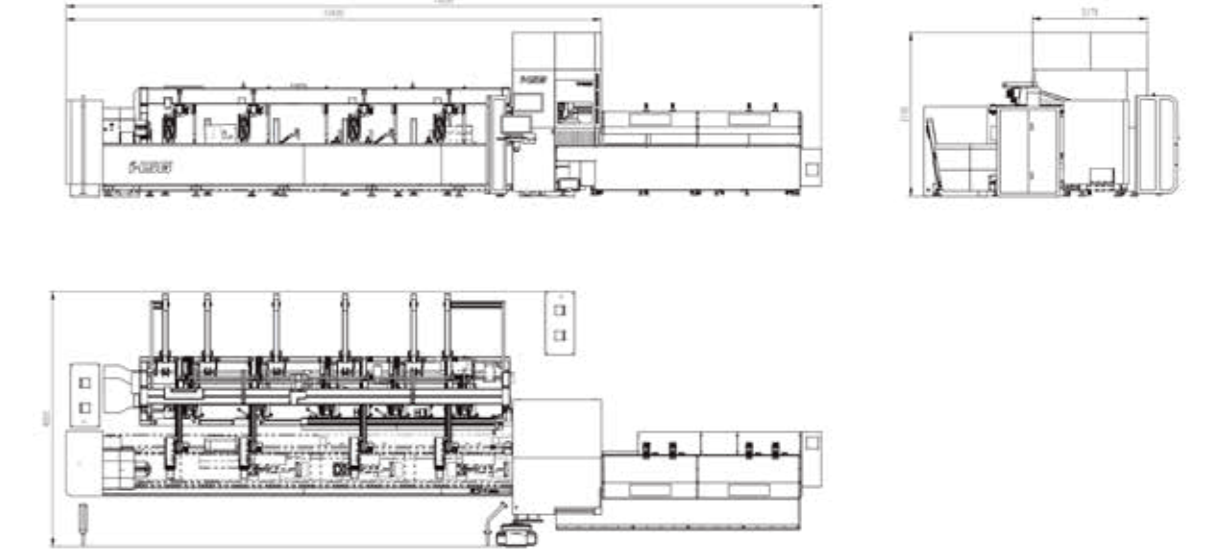


## Multiple Apertures Hot Melting -Drilling-Tapping Technique

- Self-equipped with tool database to achieve automatic knife shifting.

## Machine Foundation

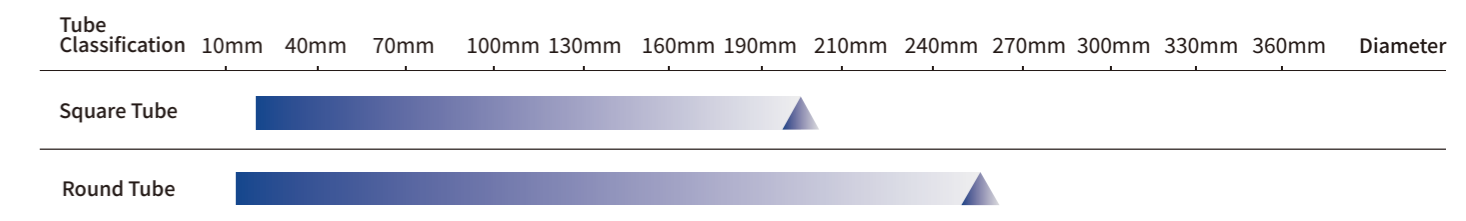
\*The marked size has about 10mm error



## Cutting Samples



## Cutting Capacity



The actual machines shall prevail and above data & pictures are only for reference.