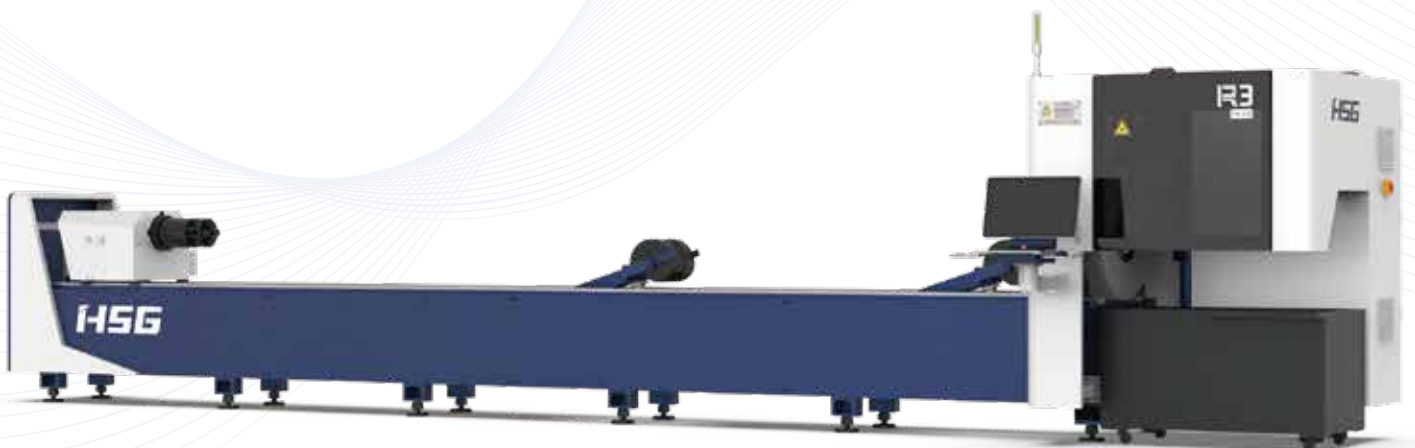




Cutting | Bending | Welding | Automation

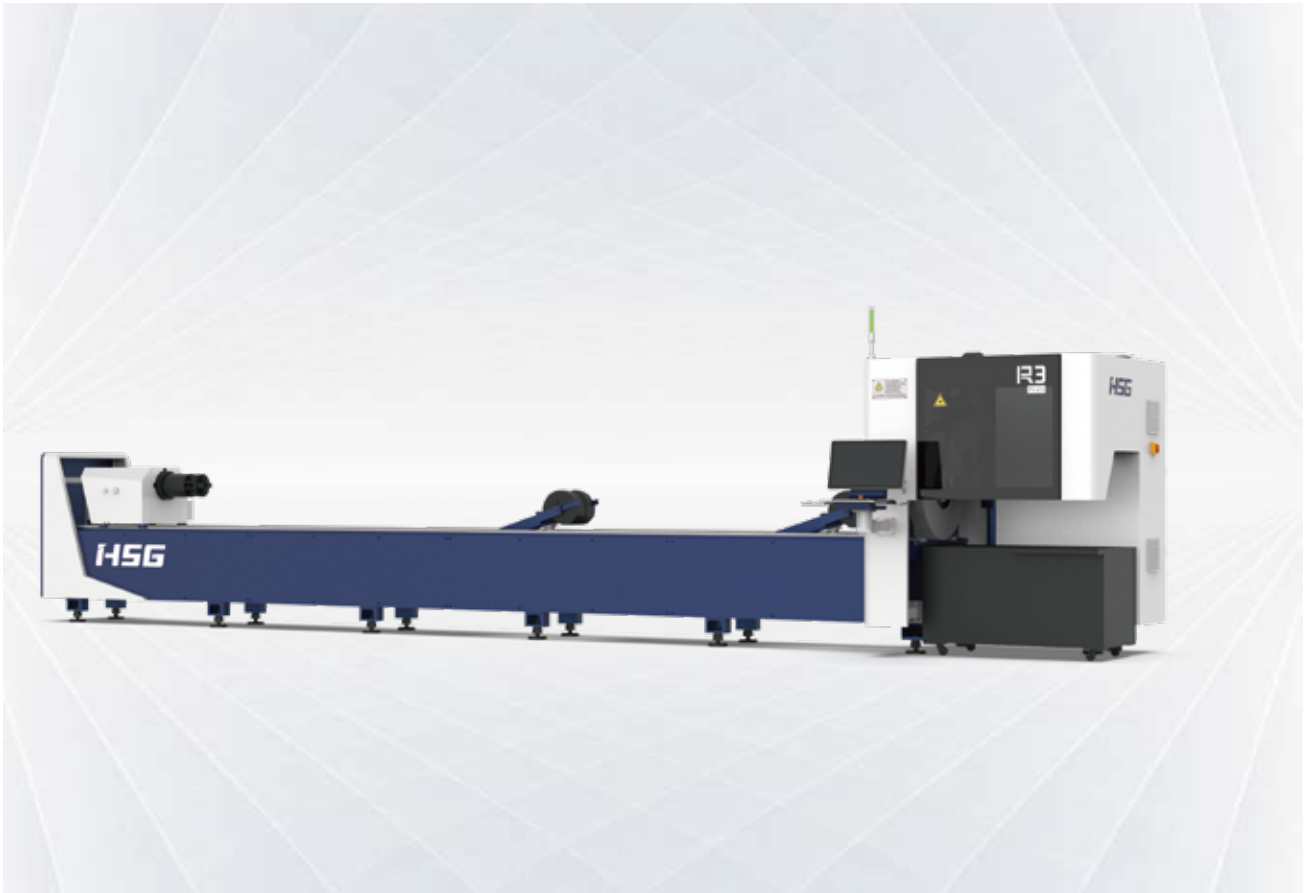


# R Series

❑ Double Chucks Economical Tube Laser Cutting Machine ❑

# R Series 1500-3000W

## Double Chucks Economical Tube Laser Cutting Machine



### Technical Parameters

Technical Parameter	R3	R3 PLUS
Power	1500-3000W	1500-3000W
Rotating Speed of Chucks	90r/min	90r/min
No-load Speed	90m/min	90m/min
Acceleration	0.8G	0.8G
X/Y-axis Positioning Accuracy	±0.05mm/m	±0.05mm/m
X/Y-axis Repositioning Accuracy	±0.03mm	±0.03mm
*Tailing Length	≥85mm	≥85mm
Cutting Capacity	Round tubeφ20-φ219mm Square tube□20*20-150*150mm Rectangular diagonal≤219mm	Round tubeφ20-φ325mm Square tube□20*20-230*230mm Rectangular diagonal≤325mm
Weight of Single Tube	150kg	200kg
Overall Dimensions(L*W*H) with Loading Racks	10000*2260*2350mm	10000*2260*2350mm

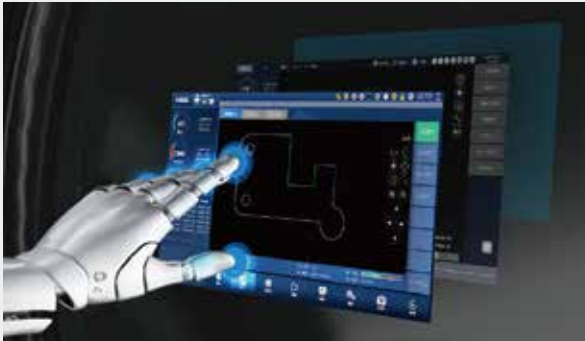
\*Single chuck clamping can be achieved, in the case of reasonable nesting material.

\* 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.

## High Speed and Intelligent for Better Processing

- High Speed and Precise  
High-speed data transmission without time delay and strong positional energy control.
- High rotational Speed and Air Velocity  
Bus system and servo motor reduce unproductive time.

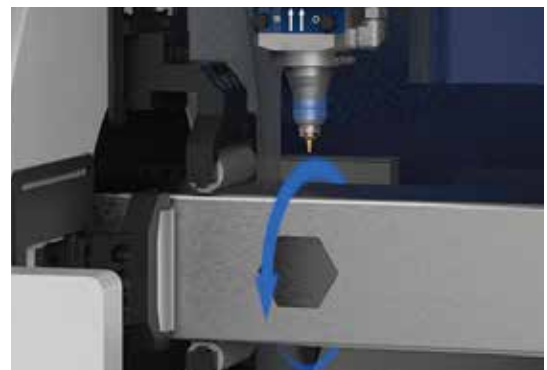


## X9000 Bus-based Tube Cutting Control System

- 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.

## Leapfrog Technique And Flying Cutting Technique

- Peculiar tube cutting techniques make tube cutting more smooth.



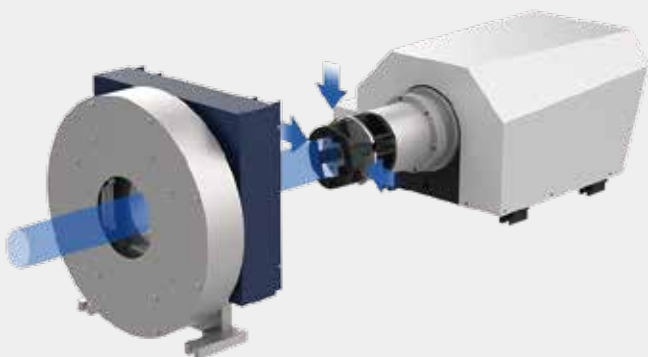


## Powerful Functions Make You Never Spent Time Worrying

- Component Real-time Monitoring and Maintenance Alert  
All components are detected in real time to ensure the stable use and the system is equipped with maintenance alert for careful component management.

## Tube Splicing Technology

- The operating control offers 50+ kinds of tube splicing patterns, for convenience of subsequent welding, such as splicing of male and female head of square tube, 90° arc splicing, splicing of round tube tee, splicing of cut-through holes, 45° splicing of hexagon, splicing of angle iron and channel steel, etc.

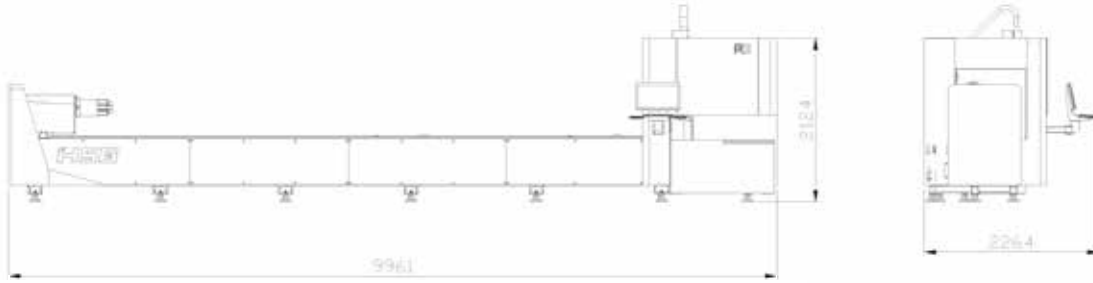


## Automatic Pneumatic Double Chucks

- Automatic centering the chucks.
- Pneumatic chuck clamping with large clamping force.

## Machine Foundation

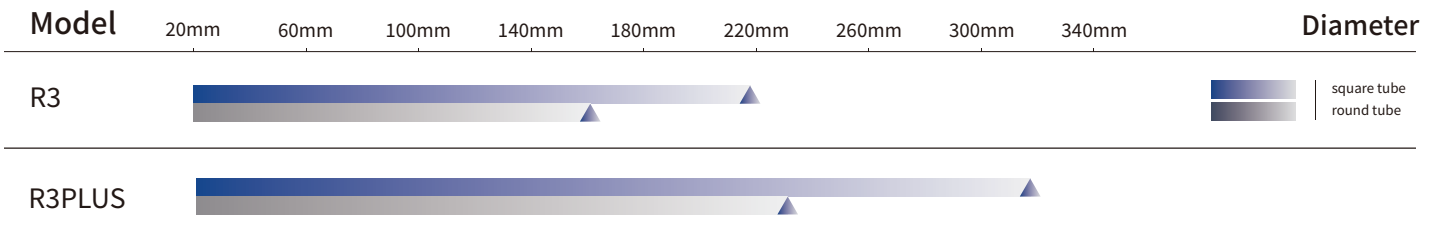
\*The marked size has about 10mm error  
 \*Pictures of R3 are for reference only and subject to actual dimensions.



## Cutting Samples



## Cutting Capacity



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