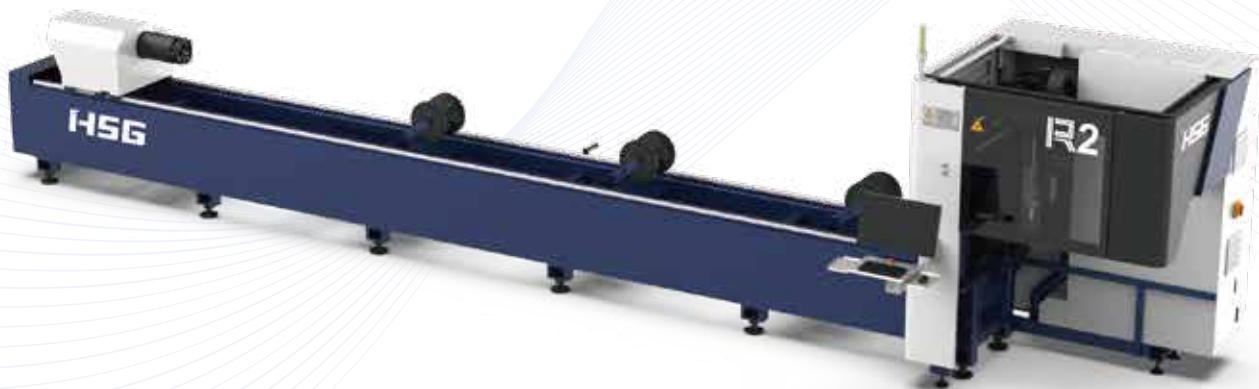




Cutting | Bending | Welding | Automation

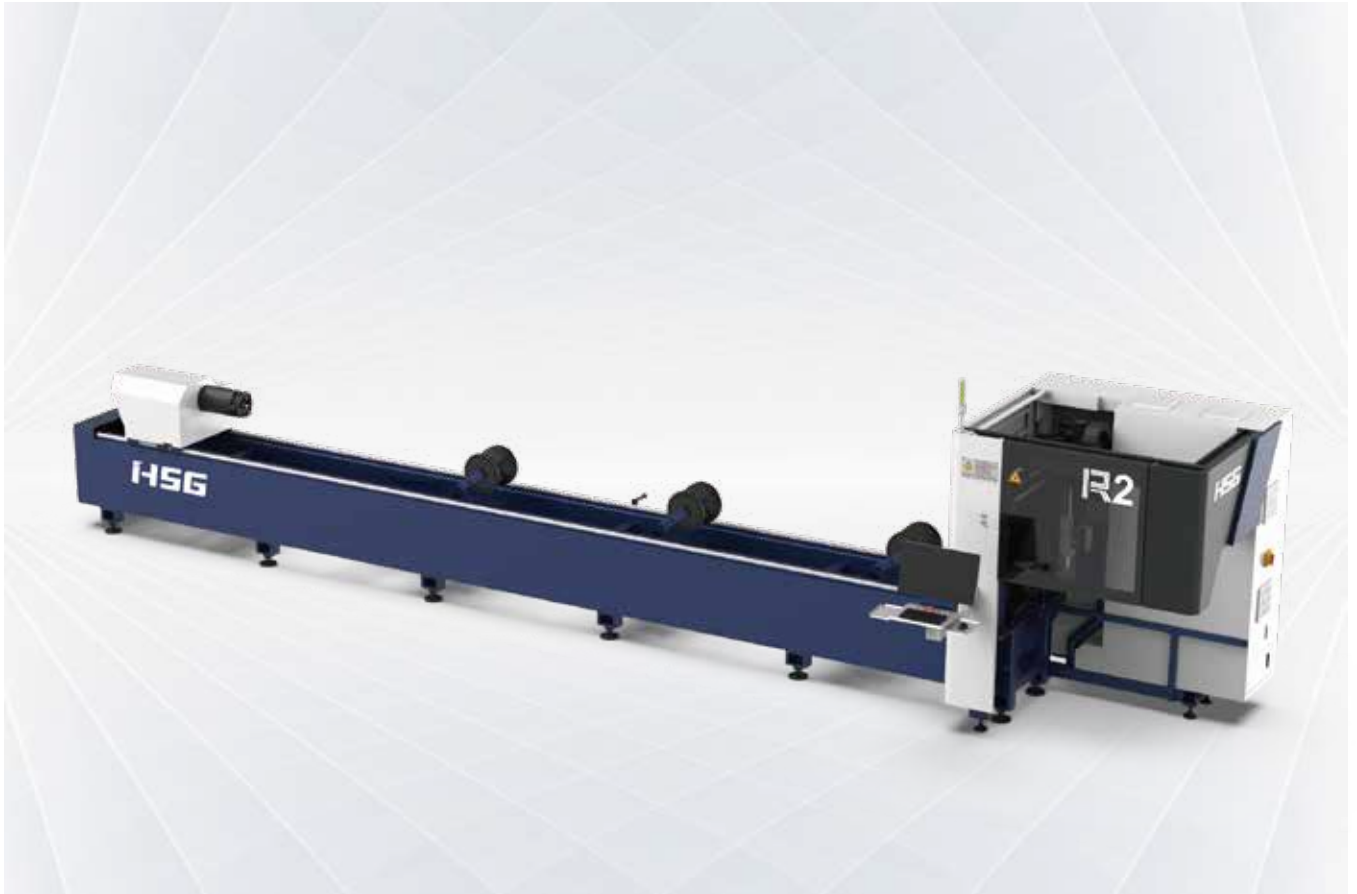


R2

❑ Double-chuck Universal Tube Laser Cutting Machine ❑

R2 1500-6000W

Double-chuck Universal Tube Laser Cutting Machine



Technical Parameters

Technical Parameter	R2
Power	1500-6000W
No-load Speed	120m/min
Rotating Speed of Chucks	100r/min
Acceleration	1G
X/Y-axis Positioning Accuracy	±0.05mm/m
X/Y-axis Repositioning Accuracy	±0.03mm
*Tailing Length	Tailings in Single Chuck Clamping Model ≥85mm Tailings in Double-chuck Clamping Model ≥225mm
Cutting Capacity	Round tube Φ8 - Φ240mm Square tube □8*8 - □240*240mm
Weight of Single Tube	300kg
Overall Dimensions(L*W*H) with Loading Racks	About 10110*2530*2215mm

*Suggested Tube Length in Single Chuck Clamping ≤500mm, Weight of Tube ≤5kg.

* 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.



Precise Cutting with Pneumatic Support

- Three pneumatic concave wheel supports are the standard equipment of R2 series, satisfying your support demands for most tube types.
- R2 series can be equipped with servo follow-up support optionally for higher precision.



Fabulous Dynamics Assist in Higher Productivity

- The chuck operating speed of R2 series can achieve 120m/min and the chuck rotation speed can achieve 100r/min with 1.0G acceleration, which play an important role in productivity improvement.



Standard Configuration of Rectangular-circle Chucks, Supporting Various Tubes

- Equipped with simple rectangular-circle chucks, R2 series can achieve the weight capacity of 300Kg, supporting various types of tubes.
 - Round Tube: $\phi 8$ - $\phi 240$
 - Square Tube: $\square 8$ - $\square 240$
 - 15# H Steel
 - Angle Steel 20#
 - Channel Steel 20#
- (Note: R2 series can be equipped with professional rectangular-circle chucks for stronger sealing and protection abilities)



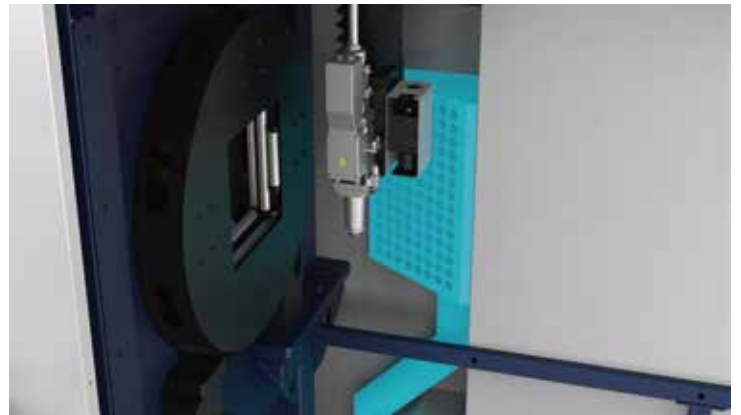


HSG-X Bus Control System

- 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.

Eco-friendly Cutting

- The cutting area is equipped with air extraction pipes, making the processing environment clean and environmental protection.

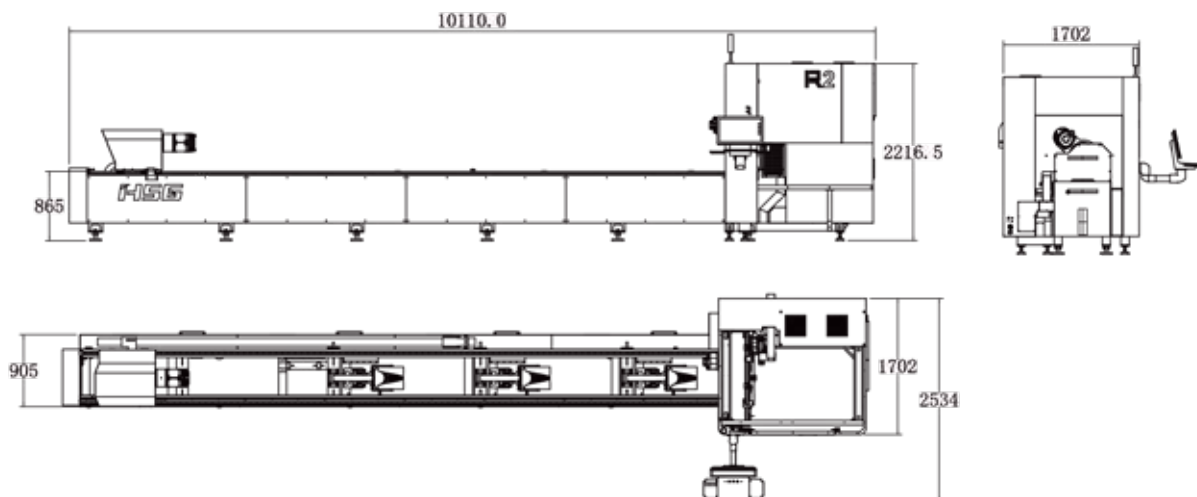


More Stable and Precise for Blanking Rack (Optional)

- R2 series can be added with 3m blanking rack, for more stable and precise cutting of long tube cutting especially.



Machine Foundation *The marked size has about 10mm error



Cutting Samples



Cutting Capacity

Tube Classification 80mm 100mm 120mm 140mm 160mm 180mm 200mm 220mm 240mm 260mm 280mm 300mm 320mm Diameter



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