

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

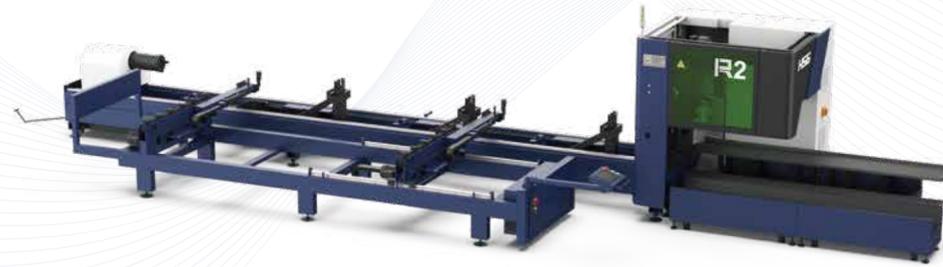


Youtube

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HSG



R2

Double-chuck Universal Tube Laser Cutting Machine

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	30+ Global Service Centers
8,000+ Annual Capacity	135,000m² Occupied Area		

R2 3000-6000W

Double-chuck Universal Tube Laser Cutting Machine



Technical Parameters

Technical Parameter	R2
Power	3000-6000W
Max. Linkage Speed	120m/min
Rotating Speed of Chucks	100r/min
Acceleration	1.0G
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 ≥215mm
Cutting Capacity	Round tube Φ8 - Φ240mm Square tube □8*8 - □240*240mm
Weight of Single Tube	300kg
Dimensions-Single machine (L*W*H)	About 10110*2530*2215mm
The range of pipe material	1000-6500mm

*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: φ8-φ240
 - Square Tube: □8-□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)

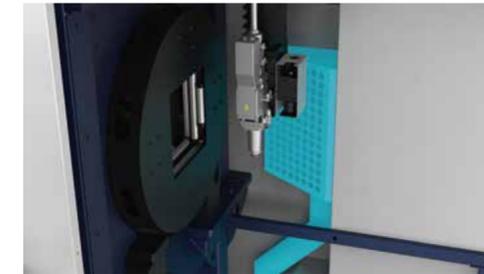


HSG-X Bus Control System

- 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

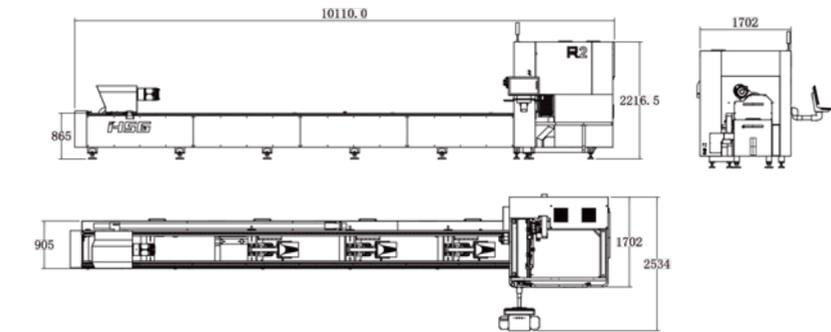
- The cutting area is equipped with air extraction pipes, making the processing environment clean and environmental protection.



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.

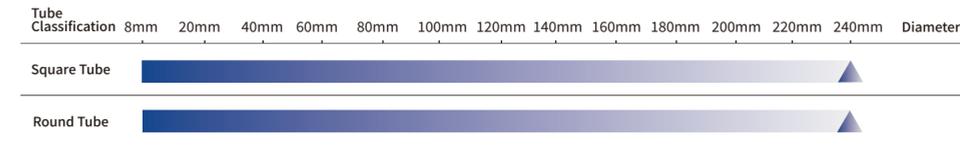
Machine Foundation



Cutting Samples



Cutting Capacity



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