

G120C-G170C-G240C

SIDE MOUNTED LASER TUBE CUTTING HIGH-SPEED MACHINE (WITH UPGRADABLE ZERO TAIL MATERIAL FUNCTION)

侧挂激光切管高速机 (可升级零尾料功能)



全自动上料
Fully automatic feeding



半自动上料
Semi automatic feeding



手动上料
Manual feeding

特点介绍 Feature Introduction

- 1 Fast speed, high efficiency: The acceleration reaches 1.6G, and the efficiency is 5-6 times that of the ordinary pipe cutting machine;
- 2 Wide cutting range, easy operation: The machine can be used for various types of pipes: round pipe, square pipe, oval pipe, shaped pipe and other multi-process cutting. Stable structure; the electronic control original adopts imported parts to support 24 hours operation. The industry-wide operating system with deep optimization, quick response and extremely easy operation makes a perfect combination speed, function and stability;
- 3 Zero tailing, zero less, zero foundation;
- 4 The equipment with height adjuster as standard for easily handling the deformation of pipe.

设备参数 Equipment parameters

Model	G120C	G170C	G240C
Laser power(W)	1500-6000	1500-6000	1500-6000
Cutting range (mm)	Circumference: 10-120	Circumference: 10-170	Circumference: 10-240
RPA(mm)	±0.02	±0.02	±0.02
Pipe length range (mm)	Fully-auto≈ 6500; Manual≈ 7000	Fully-auto≈ 6500; Manual≈ 7000	Fully-auto≈ 6500; Manual≈ 7000
Machine Size (mm)	L*W*H: 8990*1544*2311	L*W*H: 8990*1544*2311	L*W*H:9079*1831*2426
Body + rack size (mm)	Semi-auto(L*W*H):8990*2094*2311 Fully-auto(L*W*H):8990*2798*2311	Semi-auto((L*W*H):8990*2094*2311 Fully-auto((L*W*H):8990*2798*2311	Semi-auto(L*W*H):9079*2860*2426
Weight (T)	≈ 3.5	≈ 3.5	≈ 3.5
Acceleration (G)	≈ 2.0	≈ 1.6	≈ 1.3
Tailings length (mm)	≈ 40	≈ 80	≈ 100

配置清单 Configuration list

	No.	Name	Brand / Origin	Quantity
Laser Source	1	Fiber laser	MAX / RAYCUS	1 Set
Cutting head	2	Fiber laser cutting head	RAYTOOLS / OSPRI / BOCI	1 Set
Control system	3	Fiber optic control system	BOCHU	1 Set
Accessories detailed configuration list	4	Rotary pneumatic chuck	BEUT/Other	1 Set
	5	X.Y.Z axis slider	SHAC/AirTAC	3 Set
	6	X.Y.Z axis guide rails	SHAC/AirTAC	3 Set
	7	X.Y axis rack	Taiwan J&T	2 Set
	8	X.Y.Z.U axis servo motor and driver	BOCHU S9/ Inovance	4-5 Set
	9	Pneumatic system	AirTAC	Several
	10	Electric proportional valve	AirTAC/SMC	1 Pcs
	11	Machine tool accessories	Standard	1 Set
	12	Machine bed	Standard	1 Unit
	13	Control cabinet	Standard	1 Set
Cooling system	14	Circuit breaker, Relay	Schneider/DELIXI	1 Set
	15	Power	Schneider/DELIXI	1 Set
	16	Chiller	Hanli	1 Set
Standard accessories	17	Feeding system	Optional: Manual/Semi-auto/Fully auto	1 Set

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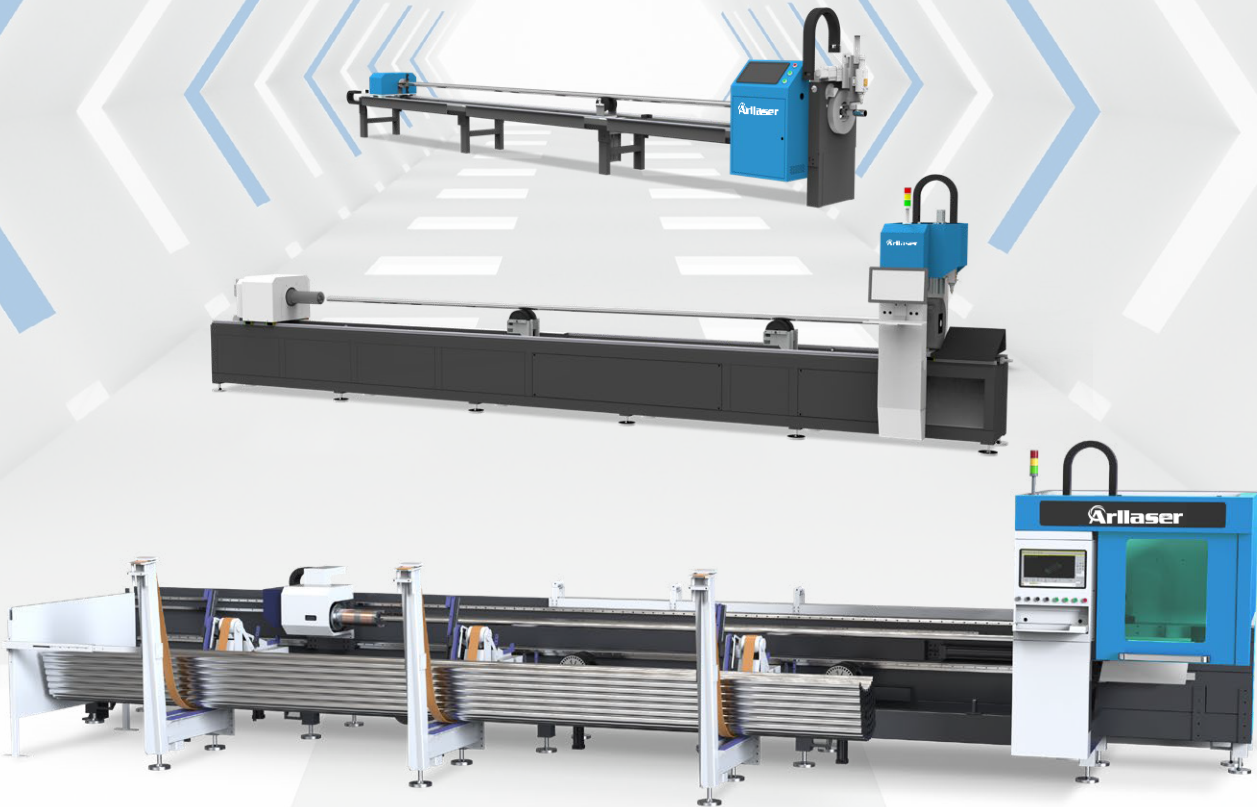
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GUANGDONG LASER PIPE CUTTING EQUIPMENT SOURCE MANUFACTURER

PROFESSIONAL LASER EQUIPMENT LEADS THE WAY IN FORGING THE EXTRAORDINARY
SUPPORT OEM MODE

广东激光切管设备源头厂家
专业激光设备领航铸造非凡
支持 OEM 模式



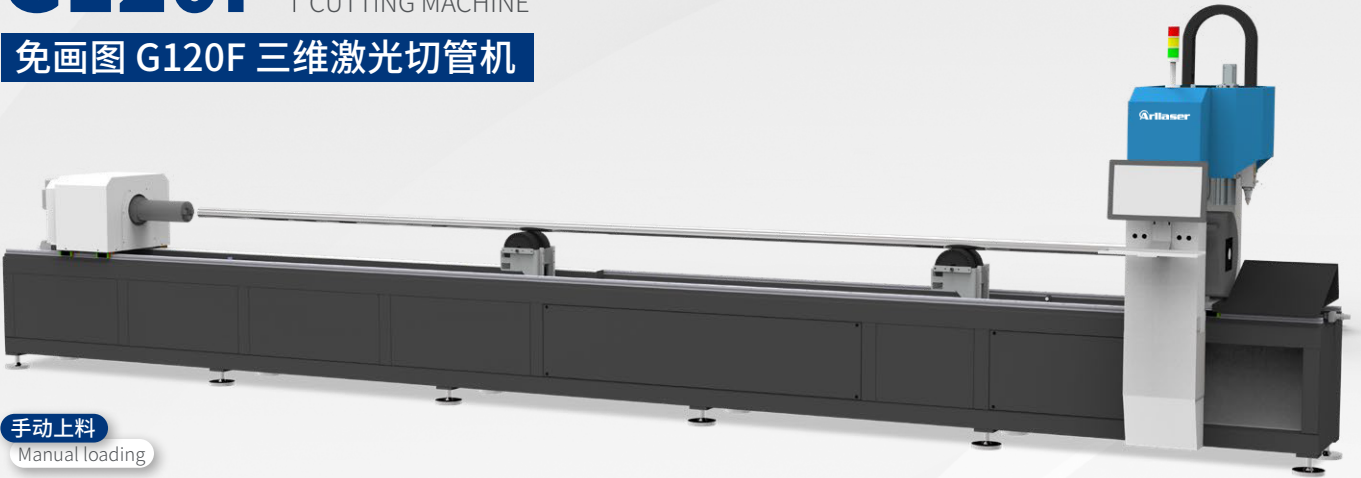
佛山市艾瑞利机电设备有限公司

Foshan Arl Mechanical & Electrical Equipment Co., Ltd.

G120F

DRAWING-FREE 3D LASER TUBE CUTTING MACHINE

免画图 G120F 三维激光切管机



手动上料

Manual loading

(The appearance of the picture is for reference only. The appearance and size are subject to the actual factory equipment.)



机床床身组件

Machine tool bed assembly

可选配半自动上料

Optional semi-automatic loading

特点介绍

Feature Introduction

- 1

Save time and labor, simple structure and easy to operate;
- 2

The efficiency is 5~6 times that of ordinary pipe cutting machines;
- 3

Small blind area of tailings, saving materials and reducing post-processing;
- 4

The length of the remaining tail material after cutting can be controlled arbitrarily, even to zero, which greatly saves material loss;
- 5

The equipment with height adjuster as standard for easily handling the deformation of pipe.

设备参数 Equipment parameters		
Model	G120F	
Laser source power(w)	1500-6000	
Cutting range(mm)	Φ: 10-120 □: 10-120	
Repeat positioning accuracy(mm)	±0.02	
Pipe length range(mm)	≈ 6500	
Machine size(mm)	L*W*H: 8004*1212*1916	
Body + rack size(mm)	Semi-automatic: 8004*1747*1916	
Machine weight(T)	≈ 2T	
Acceleration(G)	≈ 1.6	
Tailings length(mm)	≈ 60	

配置清单 Configuration list				
	No.	Name	Brand / Origin	Quantity
Laser Source	1	Fiber laser	MAX / BWT / RAYCUS	1 Set
Cutting head	2	Fiber laser cutting head	WEIHONG	1 Set
Control system	3	Fiber optic control system	WEIHONG	1 Set
Accessories detailed configuration list	4	Rotary pneumatic chuck	GUANGKA / Others	1 Set
	5	X.Y.Z axis slider	Taiwan AIK/ Others	3 Set
	6	X.Y.Z axis guide rails	Taiwan AIK/ Others	3 Set
	7	X.Y axis rack	Taiwan J&t / Others	2 Set
	8	X.Y.Z.U axis servo motor and driver	WEIHONG	4-5 Set
	9	Pneumatic system	AirTAC/JELPC	Several
	10	Electric proportional valve	AirTAC/SMC	1 Pcs
	11	Machine tool accessories	Standard	1 Set
	12	Machine bed	Standard	1 Unit
	13	Control cabinet	Standard	1 Set
	14	Circuit breaker, Relay	Schneider/DELIXI	1 Set
Cooling system	15	Power	Schneider/DELIXI	1 Set
	16	Chiller	Hanli	1 Set
Standard accessories	17	Feeding system	Optional: Manual / Semi-automatic	1 Set

G120H

DRAWING-FREE 3D LASER TUBE CUTTING MACHINE

免画图 G120H 三维激光切管机



(The appearance of the picture is for reference only. The appearance and size are subject to the actual factory equipment.)

特点介绍

Feature Introduction

- 1

Save time and labor, simple structure and easy to operate;
- 2

Small blind area of tailings, saving materials and reducing post-processing;
- 3

The equipment cuts the remaining tailings very short, which greatly saves material loss.

设备参数 Equipment parameters		
Model	G120H	
Laser source power(w)	1500-3000	
Cutting range(mm)	Φ: 10-120 □: 10-100	
Repeat positioning accuracy(mm)	≈ ±0.05	
Pipe length range(mm)	≈ ≥ 6000	
Machine size(mm)	L*W*H: ≈ 6800*800*1500	

配置清单 Configuration list				
	No.	Name	Brand / Origin	Quantity
Laser Source	1	Fiber laser	MAX / BWT / RAYCUS	1 Set
Cutting head	2	Fiber laser cutting head	OSPRI / RAYTOOLS	1 Set
Control system	3	Fiber optic control system	FANGLING	1 Set
Accessories detailed configuration list	4	Rotary chuck	Self-developed	1 Set
	5	X.Y.Z.U axis servo motor and driver	Bus	4-5 Set
	6	X.Y.Z axis guide rails	Taiwan AIK/ Others	3 Set
	7	X.Y axis rack	Taiwan J&t / Others	2 Set
	8	Pneumatic system	AirTAC/JELPC	Several
	9	Air circuit control valve	AirTAC/SMC	1 Pcs
	10	Machine tool accessories	Standard	1 Set
	11	Machine bed	Standard	1 Unit
	12	Control cabinet	Standard	1 Set
	13	Circuit breaker, Relay	Standard	1 Set
	14	Power	Standard	1 Set
Cooling system	15	Chiller	Hanli	1 Set