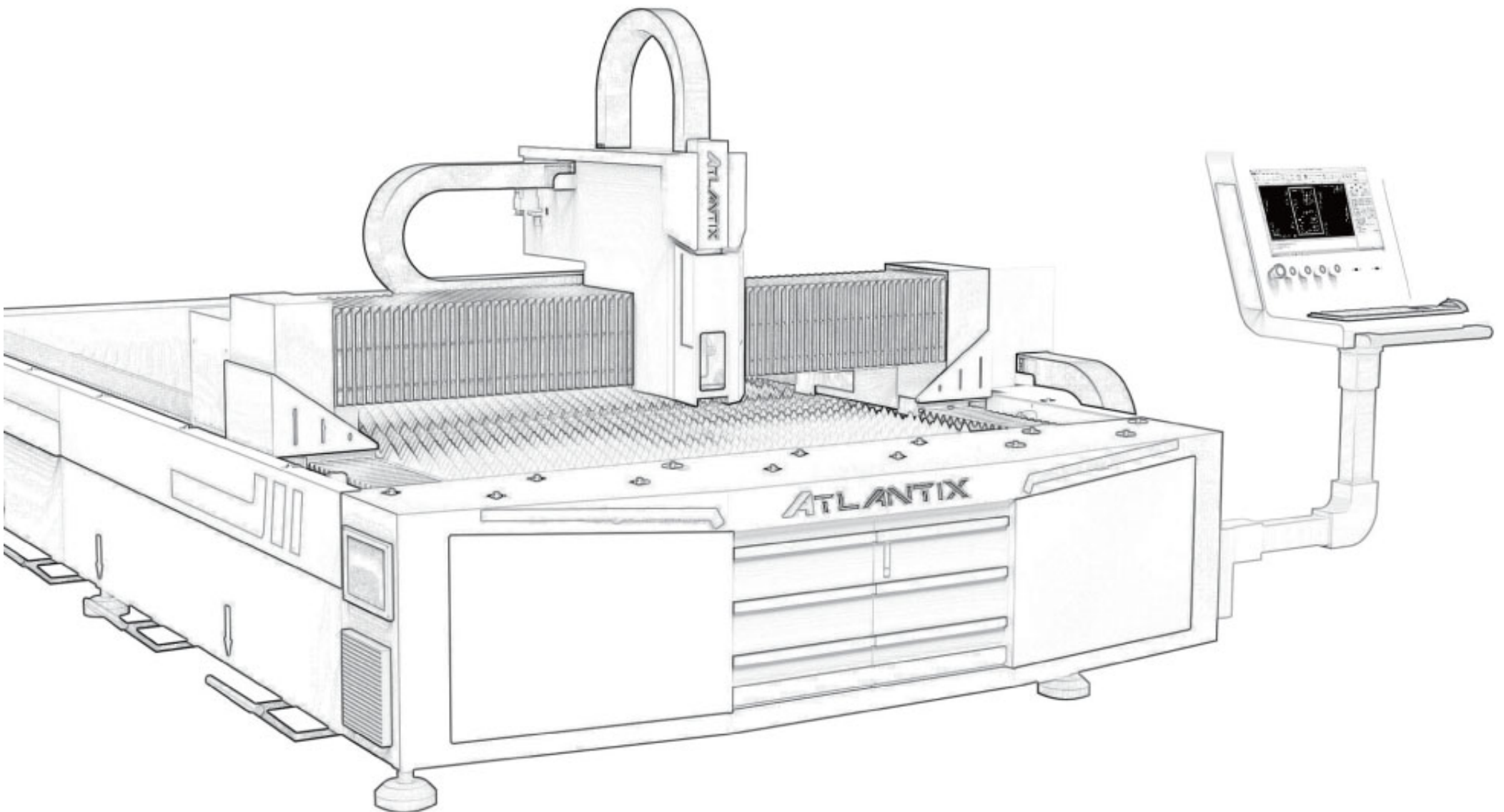
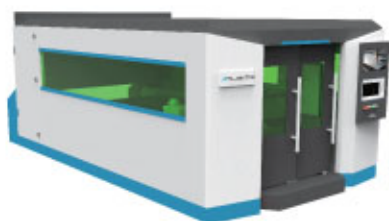


ATLANTIX[®]
fiber laser machine



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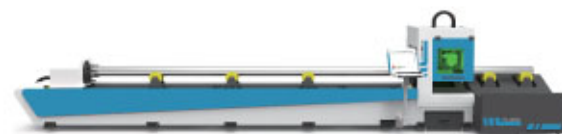
Fully enclosed fiber laser cutting machine

全封闭激光切割机



Open type exchange table fiber laser cutting machine

开放式交换台光纤激光切割机



Pipes fiber laser cutting machine

管材专用光纤激光切割机

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全封闭交换台激光切割机

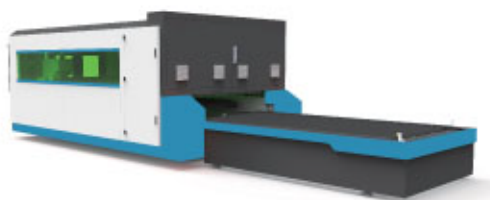
Fully enclosed exchange table fiber laser cutting machine

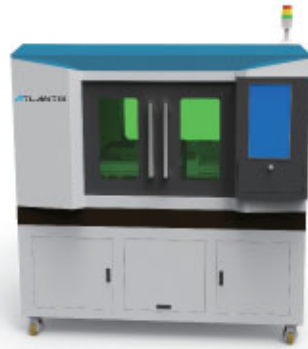
开放式光纤激光切割机

Open type fiber laser cutting machine

管板一体激光切割机

Plates and pipes fiber laser cutting machine





Linear motor fiber laser cutting machine
直线电机精密激光切割机

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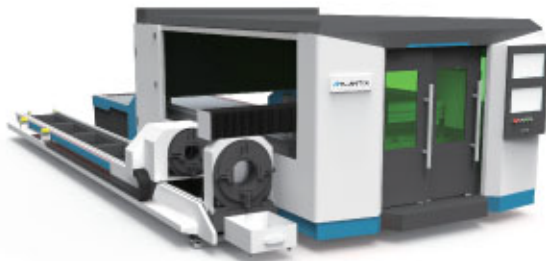


封闭管板一体机

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Fully enclosed plates and pipes fiber laser cutting machine

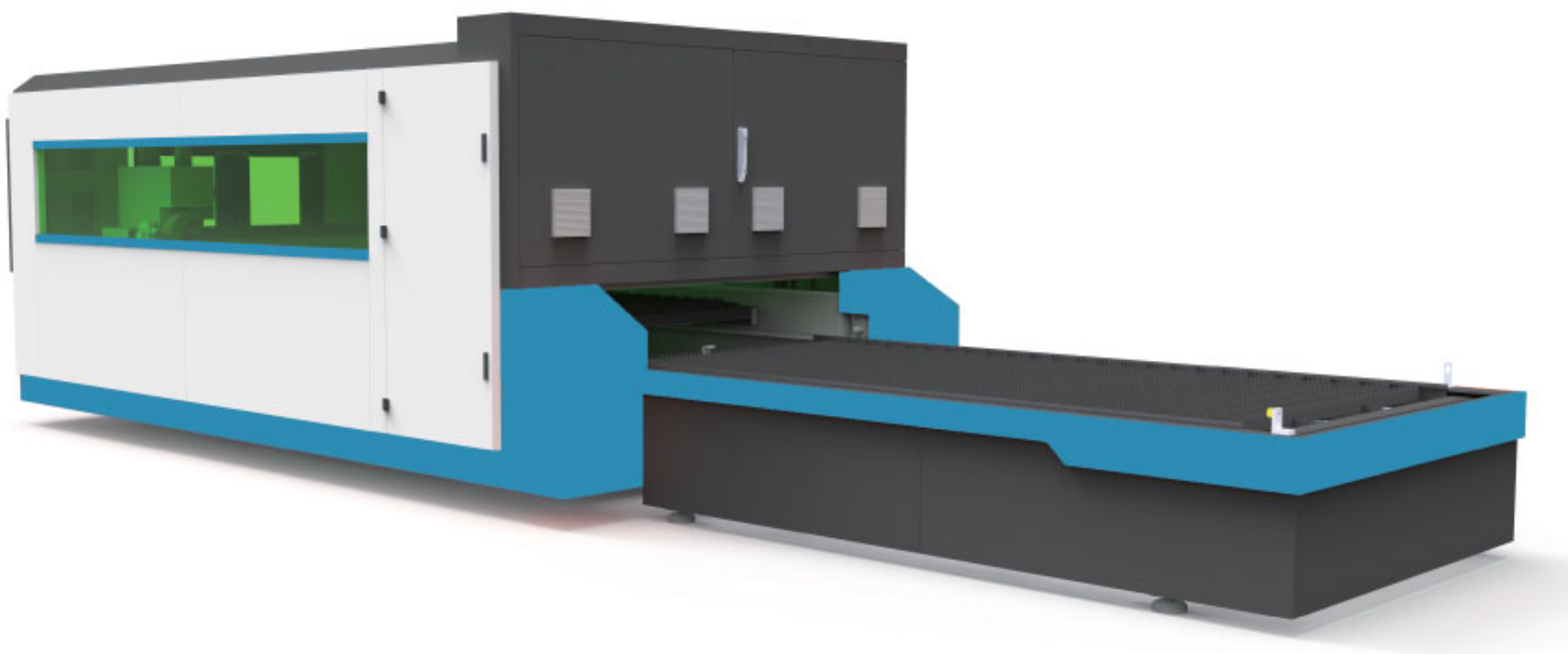


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GERMAN TECHNOLOGY,
ASSEMBLY IN CHINA



Fully enclosed exchange table fiber laser cutting machine

全封闭交换台激光切割机



ATF-FES1530(S/H)

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W/3000W	1500*3000mm	±0.03mm/min	±0.02mm/min	3phase AC 380V/50Hz

Product advantages产品优势

全封闭防护，保证人机有效隔离，防尘环保

Full enclosed protective cover & guaranteeing the separation of operator and machine & dust proof & environmental

交换式工作台，一次交换速度仅需10s，有效节省人工上料时间

Exchangeable working table & 10s for one time table exchanging, effective saving of artificial feeding time

板焊床身设计，经去应力退火，结构更加稳定

High thickness metal frame working bed & processed by hot quenching & more stable working bed structure



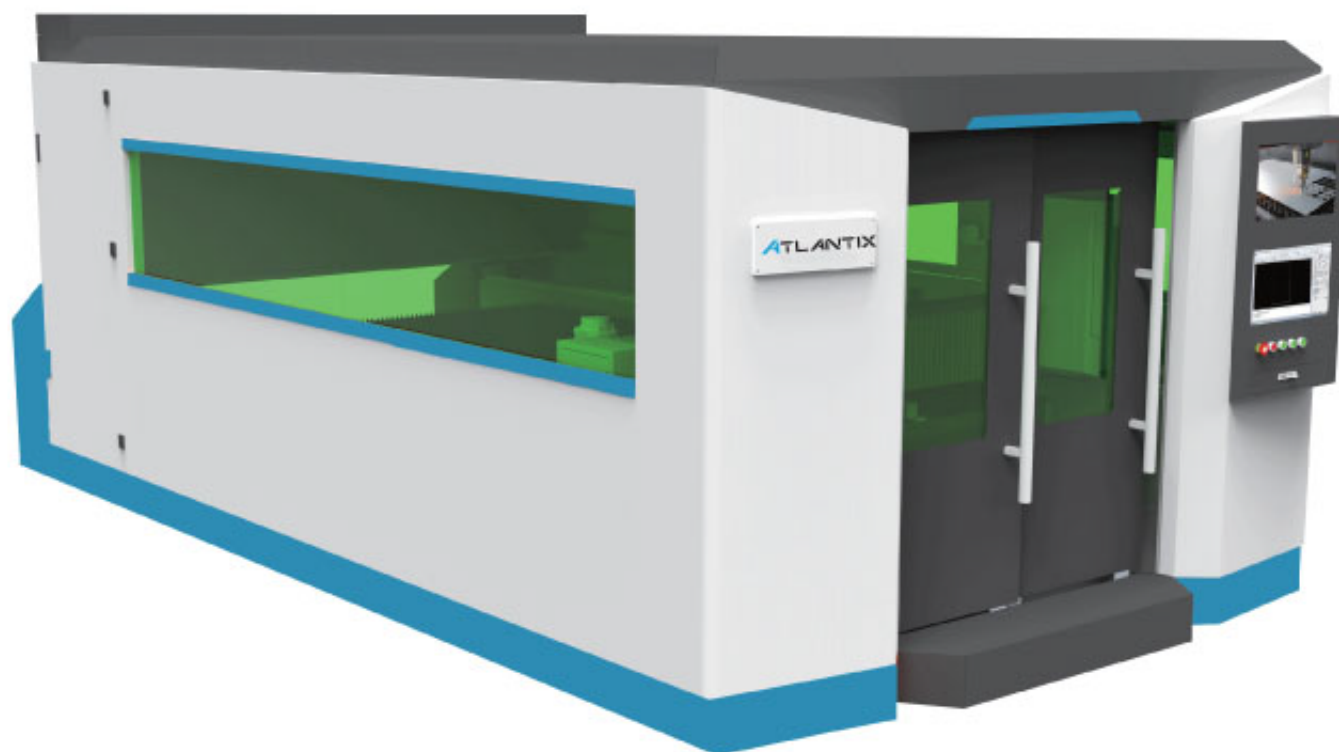
Applications适用材料

不锈钢 碳钢 锰钢 镀锌 各种合金板材

Stainless steel, carbon steel, manganese steel, galvanized, various alloy plates

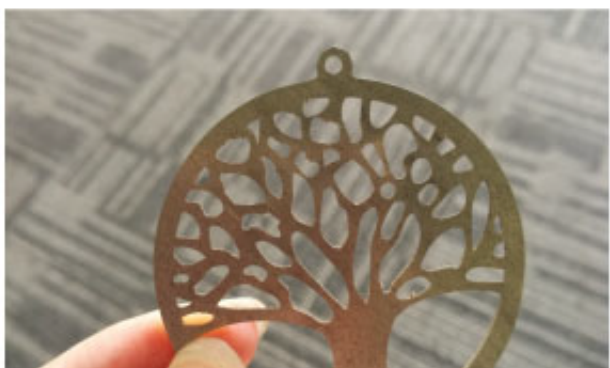
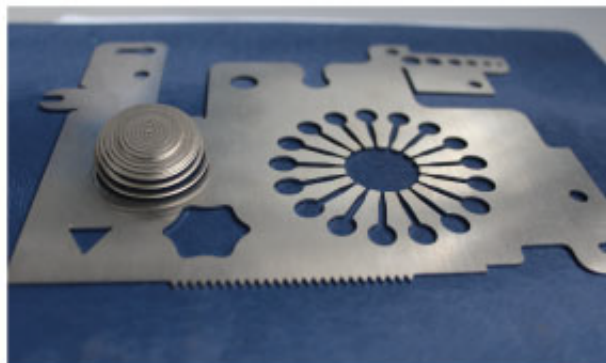
Fully enclosed fiber laser cutting machine

全封闭激光切割机



ATF-FS1530(S/H)

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W/3000W	1500*3000mm	±0.03mm/min	±0.02mm/min	3phase AC 380V/50Hz



Product advantages产品优势

全封闭防护，保证人机有效隔离，防尘环保

Full enclosed protective cover & guaranteeing the separation of operator and machine & dust proof & environmental

板焊床身设计，经去应力退火，结构更加稳定

High thickness metal frame working bed & processed by hot quenching & more stable working bed structure

采用锰钢横梁，重量轻，强度高，同等电机配置情况下可达更大加速度

Manganese steel crossbeam & lighter weight & stronger performance & enhancing the accelerating speed under the same servo motor power

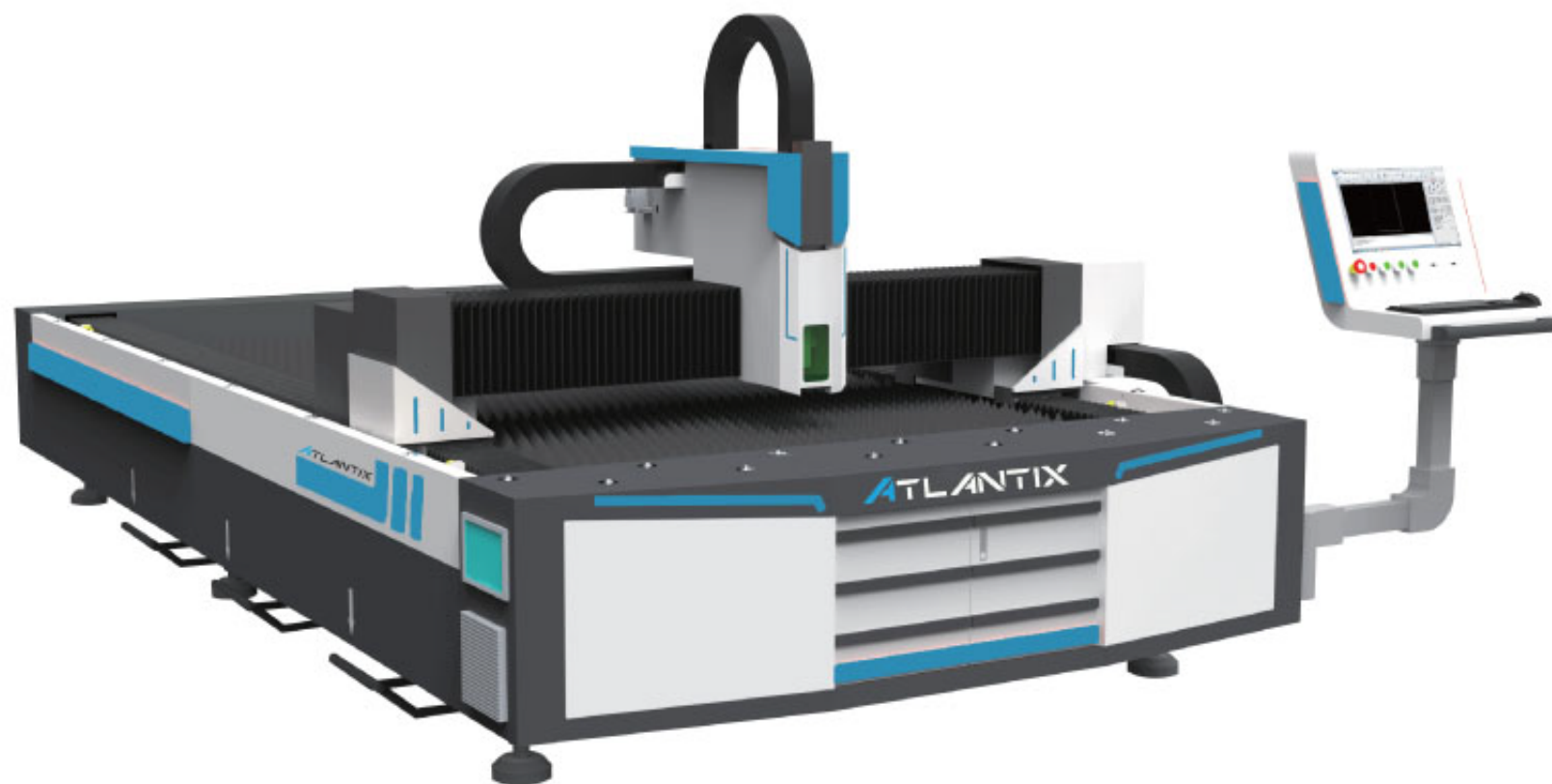
Applications适用材料

不锈钢 碳钢 锰钢 镀锌 各种合金板材

Stainless steel, carbon steel, manganese steel, galvanized, various alloy plates

Open type fiber laser cutting machine

开放式光纤激光切割机



ATF-1530(S/H)

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W	1500*3000mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz



Product advantages产品优势

板焊床身设计，经去应力退火，结构更加稳定

High thickness metal frame working bed & processed by hot quenching & more stable working bed structure

采用锰钢横梁，重量轻，强度高，同等电机配置情况下可达更大加速度

Manganese steel crossbeam & lighter weight & stronger performance & enhancing the accelerating speed under the same servo motor power

配置分区除尘，及时除去生产过程中的烟尘，环保系数更高

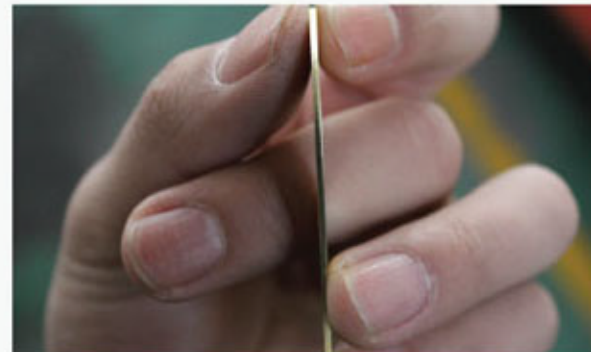
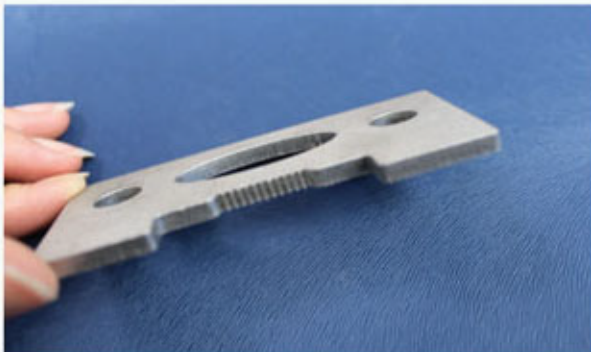
Dust can be cleaned timely & quite environmental



Applications适用材料

不锈钢 碳钢 锰钢 镀锌 各种合金板材

Stainless steel, carbon steel, manganese steel, galvanized, various alloy plates



Open type exchange table fiber laser cutting machine

开放式交换台光纤激光切割机



ATF-FE1530(S/H)

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W	1500*3000mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz

Product advantages产品优势

交换式工作台，一次交换速度仅需10s，有效节省人工上料时间

Exchangeable working table & 10s for one time table exchanging, effective saving of artificial feeding time

板焊床身设计，经去应力退火，结构更加稳定，配置分区除尘

High thickness metal frame working bed & processed by hot quenching & more stable working bed structure, with zones dust removal function

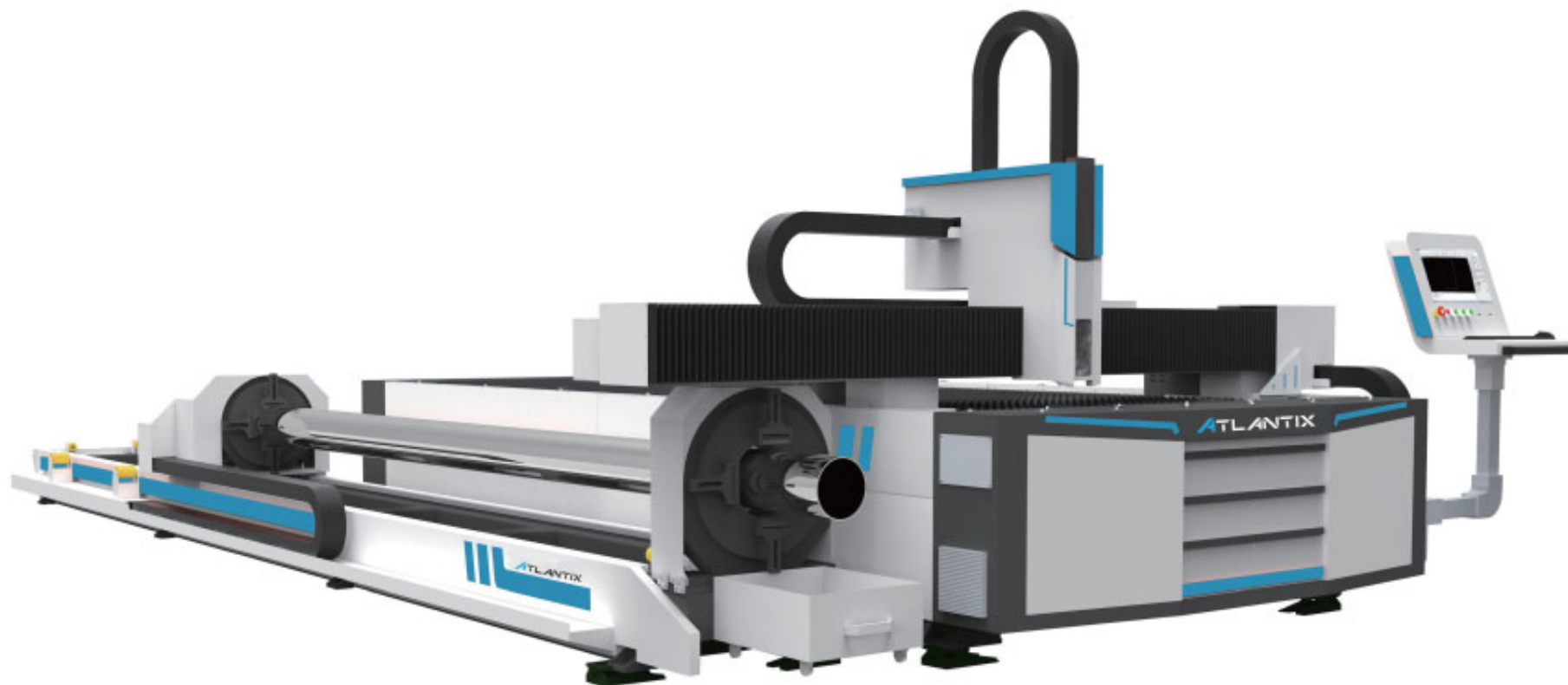
采用锰钢横梁，重量轻，强度高，同等电机配置情况下可达更大加速度

Manganese steel crossbeam & lighter weight & stronger performance & enhancing the accelerating speed under the same servo motor power



Plates and pipes fiber laser cutting machine 3meters/6meters

管板一体激光切割机 3 米 /6 米



ATF-FT3000/6000

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W	1500*3000mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz



Applications 适用材料

不锈钢 碳钢 锰钢 镀锌管 各种合金管材/板材

Stainless steel, carbon steel, manganese steel, galvanized, various alloy pipes/plates

Product advantages 产品优势

适用于管材、板材两种型材的切割

Applicable to both pipe & plate cutting

前后双驱 保证切割精度，防止损坏管材

Dual drive for front and back rotary axis, keeping cutting precision
avoiding pipe damage

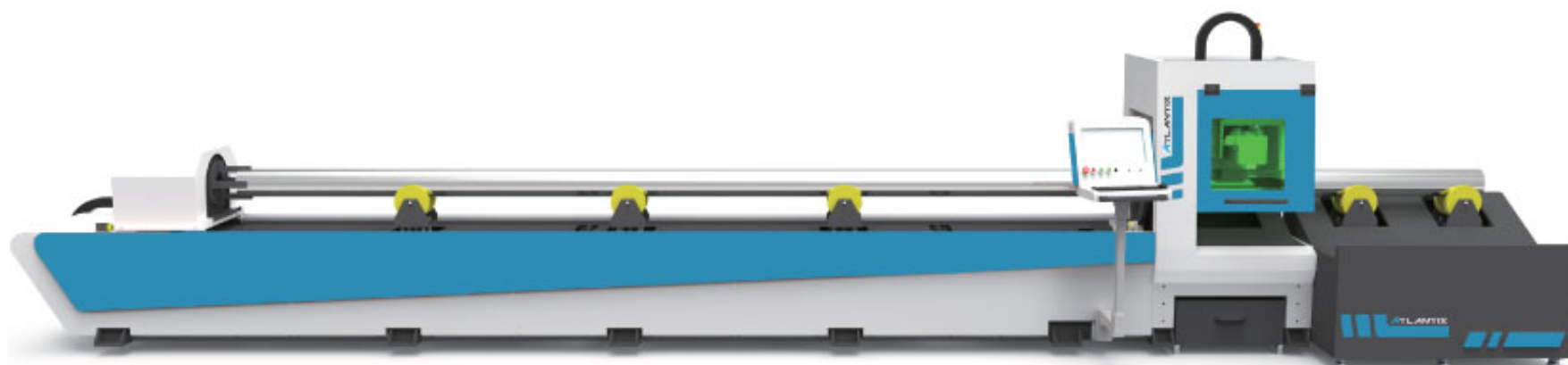
卡盘自定心功能，夹紧范围0-220mm，无需调节卡爪

Clamping range 0-220mm & without adjusting the clamp



Pipes fiber laser cutting machine

管材专用光纤激光切割机



ATF-T6020

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W	≤160mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz

Product advantages产品优势

针对圆形管、矩形管、异型管等型材进行高速高质量激光切割，速度快，质量好

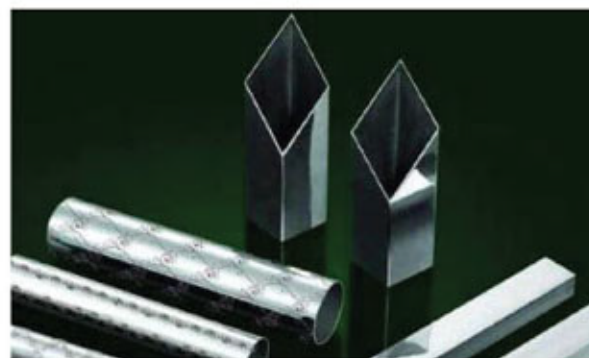
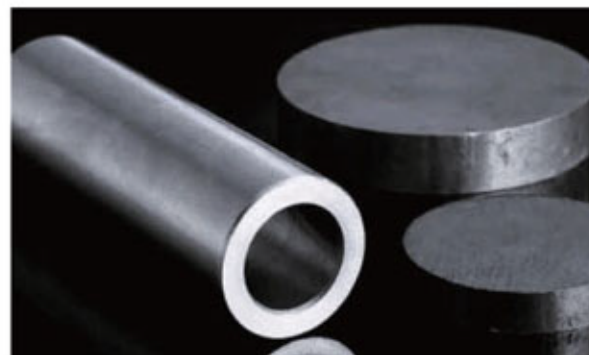
Applicable for metal pipe, square pipe, rectangular pipe, deformed pipe etc, with fast speed and high quality

切缝小，变形小，切割面光滑、平整、美观，无需后续处理。切割精细，有效降低损耗

Smaller cutting gap, lower deformation, more smooth, flat and beautiful cutting edge, and without secondly process. High-accuracy cutting to cut down consumption effectively

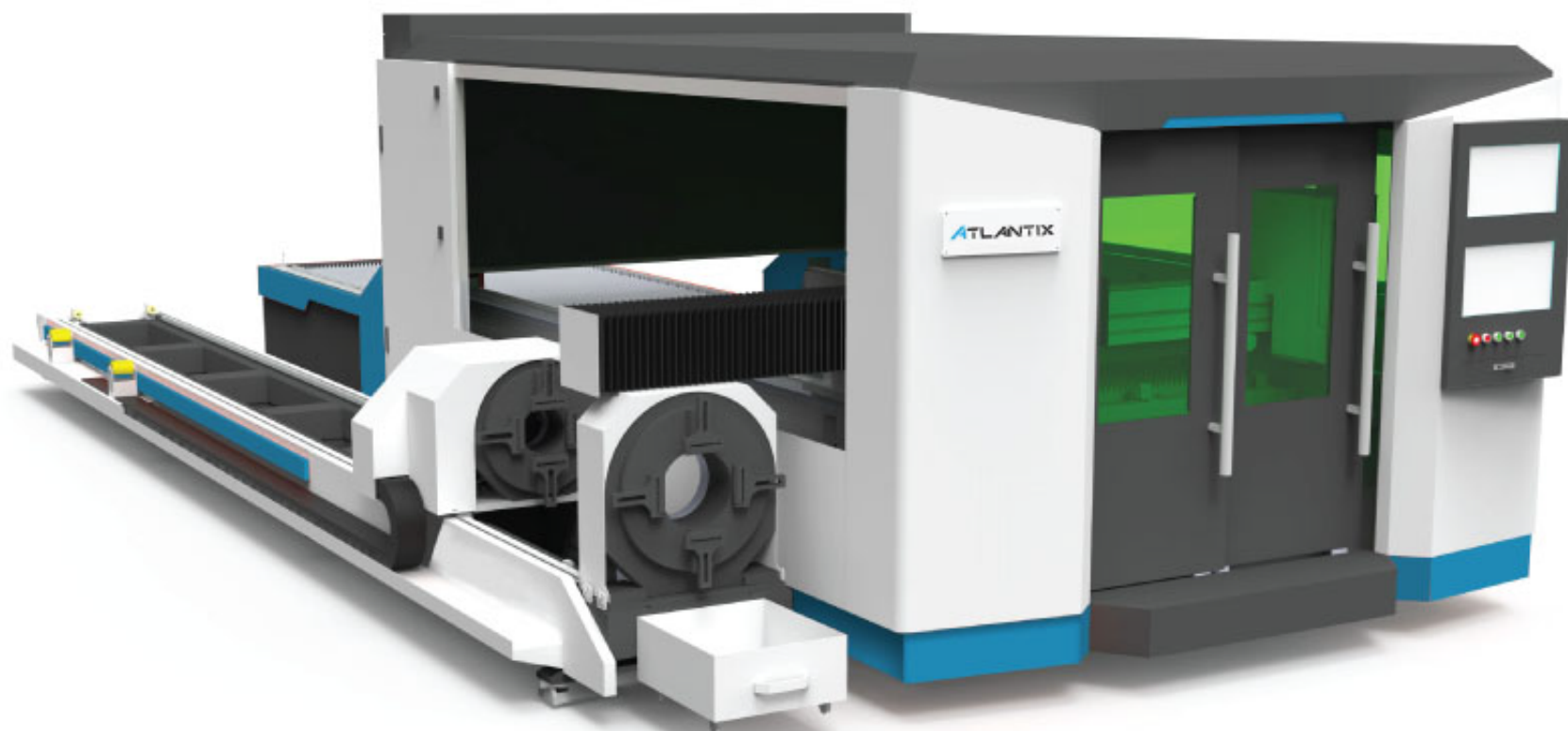
导轨自动润滑，前后全气动加紧式卡盘，卡盘节料设计。拐角快速切割系统，极大提高切割效率

Automatically moistening guide rail, both pneumatically back and forward chucks, quickly responding in the corner to improving cutting efficiency tremendously



Fully enclosed plates and pipes fiber laser cutting machine

封闭管板一体机 3 米 /6 米



ATF-FT3000/6000

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W/2000W/3000W	1500*3000mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz

Applications适用材料

不锈钢 碳钢 锰钢 镀锌管 各种合金管材/板材

Stainless steel, carbon steel, manganese steel, galvanized, various alloy pipes/plates



Product advantages产品优势

全封闭防护，保证人机有效隔离，防尘环保

Full enclosed protective cover & guaranteeing the separation of operator and machine & dust proof & environmental

交换式工作台，一次交换速度仅需10s，有效节省人工上料时间

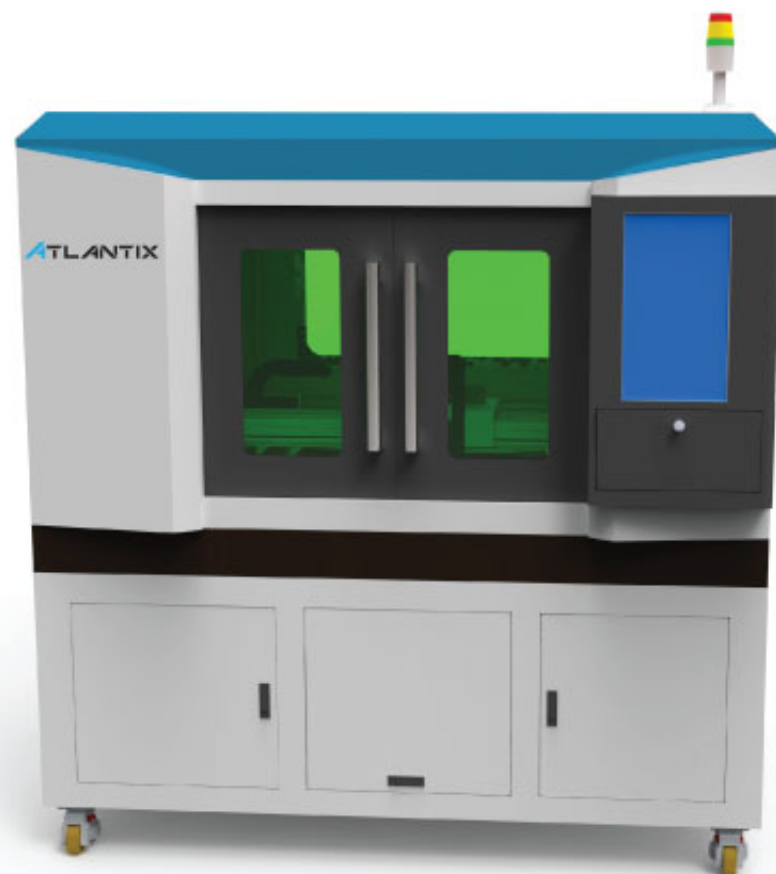
Exchangeable working table & 10s for one time table exchanging

卡盘自定心功能，夹紧范围0-220mm，无需调节卡爪

Clamping range 0-220mm & without adjusting the clamp

Linear motor fiber laser cutting machine

直线电机精密激光切割机



ATF-FL6040

Laser power	Working area	Axial positioning Accuracy	Re-positioning Accuracy	Working Voltage
激光器功率	加工幅面	定位精度	重复定位精度	工作电压
500W/750W/1000W	600*400mm/500*400mm	±0.03mm/min	±0.02mm/min	AC 380V/50Hz

Product advantages产品优势

直线电机传动，采用光栅闭环控制，保证切割过程中较高的定位精度，同时提高加速度和运动速度

Linear motor drive, grating closed-loop control system, guaranteed the high positioning accuracy, improved the acceleration speed and cutting speed

定位加紧装置，可根据客户板材大小调节夹紧范围，并自动加紧，保证板材切割稳定性及切割工件的精度要求

Positioning and tightening device, can adjust the clamping range according to the customers' plate size, and do automatic tightening, ensure the sheet cutting stability and workpiece precision

大理石工作台面，刚性好，强度高，进一步保证切割精度

Marble work table, good rigidity, high strength, further guarantee the cutting precision



Fiber laser cutting machine process parameters form

光纤激光切割机工艺参数

Power Material	the thickness of the material	300W	500W	700W	1000W	2000W	3000W	4000W
Carbon steel (oxygen)	1	6-7.5	9-10	16(nitrogen)	23(nitrogen)	30(nitrogen)	37(nitrogen)	43(nitrogen)
	2	1.5-2	4.5-3	6	5.5-7	6-8.3	8-9.2	8.3-10
	3	0.7-0.9	2.5-3	2.6	3-3.5	3.2-5	4.4-5	4-5.2
	4		1.5-2	1.8-2.4	2.4-3	3-3.5	3.5-4.5	3.8
	5		1.1-1.5	1.3-1.8	1.8-2	2-3.2	3-3.5	2.8-4
	6		0.7-0.9	1.2	1.4-1.6	1.8-2.2	2.8-3.2	3.4
	8			0.6-0.7	0.8-1	1.2-1.6	1.8-2.4	2.5
	10			0.65	0.7-0.8	1.0-1.3	1.4-1.7	2-2.2
	12				0.65	0.8-1	1.2-1.5	1.2-2
	14				0.6	0.6-0.85	0.9-1.2	1-1.3
	16					0.5-0.8	0.8-1	0.8
	18					0.4-0.6	0.7-0.8	0.7
	20						0.6-0.85	0.6
	22							0.6
	25							0.5
Stainless steel (nitrogen)	1	6.6-7	10	16	25	32	40	45
	2	1.5-2.3	2.2	6	8	11	20	20
	3		0.6-0.7	2.6	2.8	5.5	9	11
	4			1.6	1.2	3	6	8
	5			0.5	0.8-1	2	2.6	6
	6				0.45	1.2-1.6	1	3.4
	8					0.6-0.85	0.7-0.8	2.6
	10						0.55	2
Aluminum plate (oxygen)	1		3.8-4.2	3.8-4.5	6-7.8(nitrogen)	20(nitrogen)	35(nitrogen)	80(nitrogen)
	2		0.7-1.3	1-2.2	2.2-3	6.5-7.2(nitrogen)	12(nitrogen)	49(nitrogen)
	3			0.45	0.5-1	4.4-5	10-11.2	20
	4					2-3.2	8.5	15
	5					1-1.3	3.5-4.2	6.5
	6						1.5	4-5.2
	8						0.7-0.8	2.2-3
Copper plate (oxygen)	1		3.5	3.8-4.5	8-9.2(nitrogen)	18(nitrogen)	36(nitrogen)	40(nitrogen)
	2		0.45-0.75	0.8-1	2-3.2	4.3-6.2	10(nitrogen)	12(nitrogen)
	3				0.35	2-2.8	6	7
	4					1.5-2	2.8-3.2	3-3.2
	5					0.7-1	1.3-1.5	2-2.2
	6						0.9-1.2	1.5-2
	8							0.8-0.9

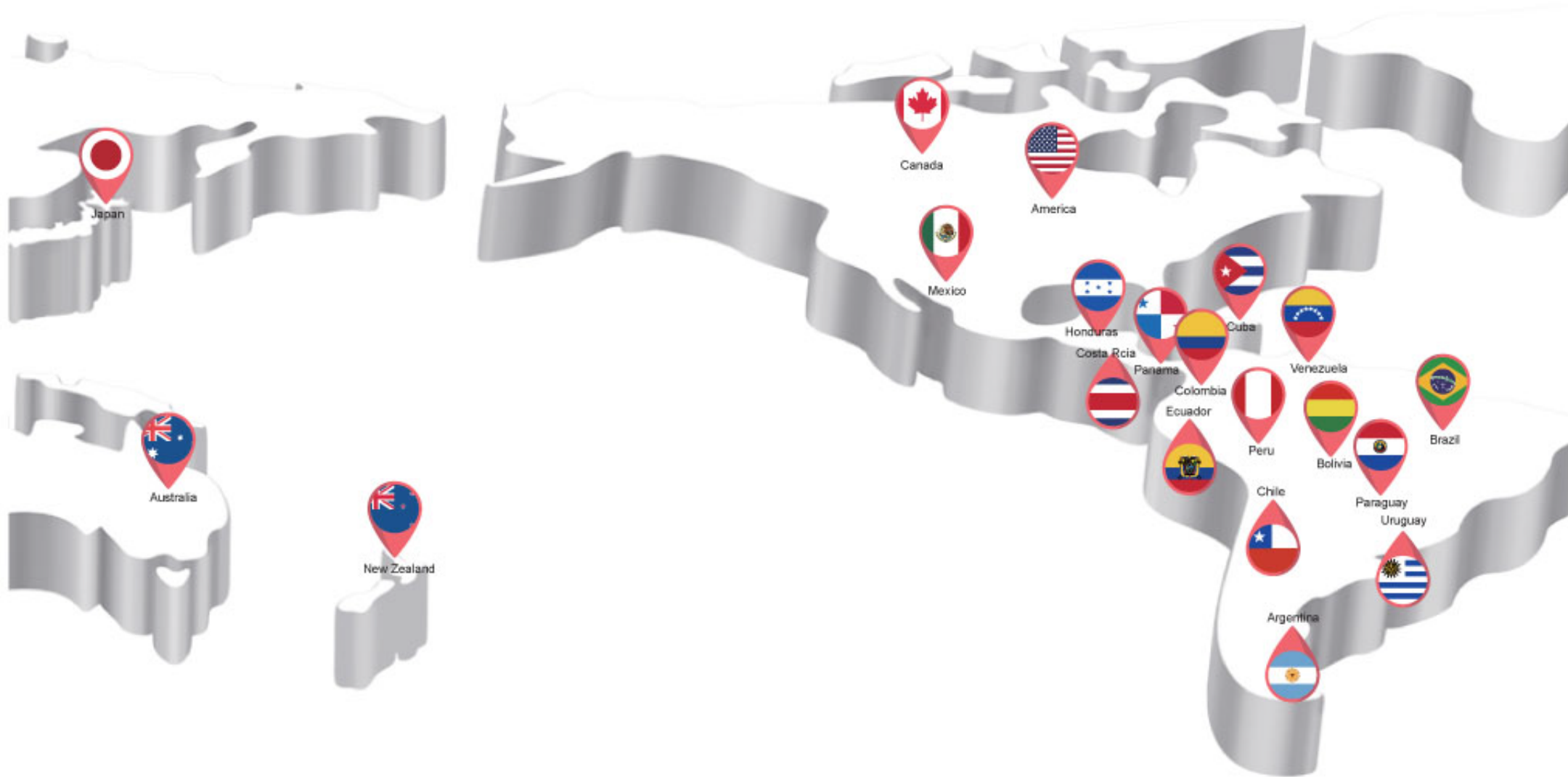
Cutting ability 切割能力



Service brand 服务品牌 (部分)









SECURE EQUIPMENT

SINCE 1997

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