

激光改变世界
LASER CHANGE THE WORLD

助力金属切割
POWER METAL CUTTING



领秀激光
LXSHOW LASER

定制与代理首选
CUSTOMIZED & OEM AVAILABLE



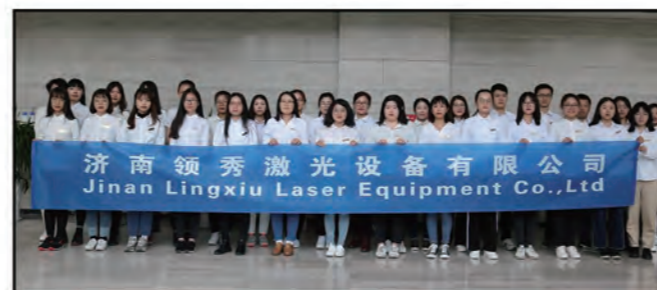
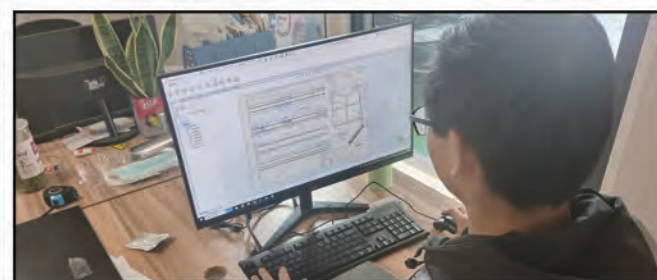
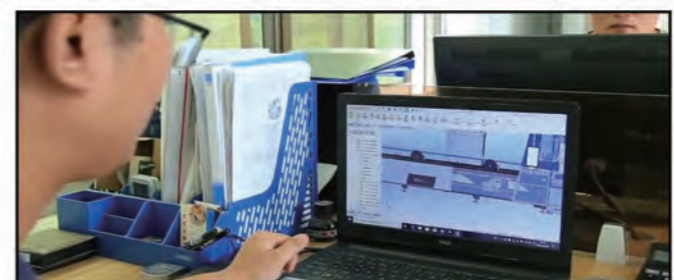
Jinan Lingxiu Laser Equipment Co.,Ltd
济南领秀激光设备有限公司



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Shandong Province, China

工厂实景
FACTORY SCENE

设计 销售 生产 售后 服务团队
Design, Sales, Production, After-sales
SERVICE TEAM



优势
ADVANTAGE

<p>01 Best Offer Beat 95% of suppliers 优于95%供应商的价格</p>	<p>Export Exported to 150+ countries 出口150+国家</p>
<p>02 Production Process Strict control and management 完善的生产管理体系</p>	<p>Machine Parts We cooperated supplier of famous brand all over world 设备的零部件均是世界知名品牌</p>
<p>03 Private Order Customized & OEM Available 提供定制和代理服务</p>	<p>Warranty 3 Years Warranty Free Maintenance 3年质保</p>
<p>04 Over 5000 Sets Year Produced We will give professional and timely service on every order 年产量超过5000台，拥有专业的售前售中售后服务团队</p>	<p>User Manual/CD/Online service/Free training in factory/Training in customers' place 免费的在线/门到门培训</p>

直击领秀
ABOUT LXSHOW

济南领秀激光设备有限公司作为北方最大的激光应用智能装备研发制造商之一，一直引领激光装备的革新升级，致力于全球化激光智能优质服务。

自2004年成立以来，领秀激光始终秉持“技术立企、质量至上”的经营理念，以客户为中心，认真对待研发生产的每一个细节，确保每一台设备的性能和品质，在全球150多个国家和地区稳定运行。

领秀激光以绿地瑞丽城凯瑞大厦3号办公楼作为公司总部，先后在济南平阴购地建厂，布局激光智能装备产业链，为客户提供稳定、高效的智能装备体验和服务。

工业4.0时代领秀激光致力于未来工业生产提供基础装备和个性化智能解决方案，帮助企业提升生产力，助力金属切割，激光改变世界。

As the largest manufacturer of laser application and intelligent equipment development in northern China .Jinan Lingxiu Laser Equipment Co.,Ltd is the leading brand in innovation and upgrades of laser equipment and it aims to provide high quality service in the global laser intelligence.

Since its foundation in 2004, LXSHOW Laser has always adhered to the principle of Technology as the Foundation, "Quality First". With customer-center idea as its basis, it takes every detail seriously in the process of production to ensure high performance and quality of each equipment as well as the stable operation in more than 150 nations around the world.

LXSHOW Laser takes Lvdi Ruilicheng Kairui building (third office building) as its corporate headquarters.. It has built plants successively in Pingyin Jinan, which provides an excellent basis for arranging laser equipment' industry chain for the ultimate purpose of offering stable and effective service of intelligent equipment.

In the era of industry 4.0, LXSHOW Laser is striving to provide basic equipment and customized solution for the future industrial production, also to help enterprises increase productivity, thus making contributions to "Power metal cutting" and laser change the world.

1) 三年质保
Three-year warranty

2) 我们有全套的说明书，你可以一步一步学习。我们会根据机型及时更新说明书
We have detailed user manual with pictures and CD, you can learn step by step. And our user manual update every month for your easy learning if there is any update on machine.

3) 我们的技术工程师可以通过远程控制/电话等途径帮助你解决在使用过程中遇到的问题
If have any problem during use, you need our technician to judge The problem elsewhere will be solved by us. We can provide team viewer/Whatsapp/Email/Phone/Skype with cam till all of your problems finished.

4) 免费提供5天门到门培训服务
We can also provide Door to Door service with **5 days training for free** if you need.

32000
SQUARE

Own factory
工厂占地面积32000平

24X7
HOURS

After sale Team
售后24小时在线

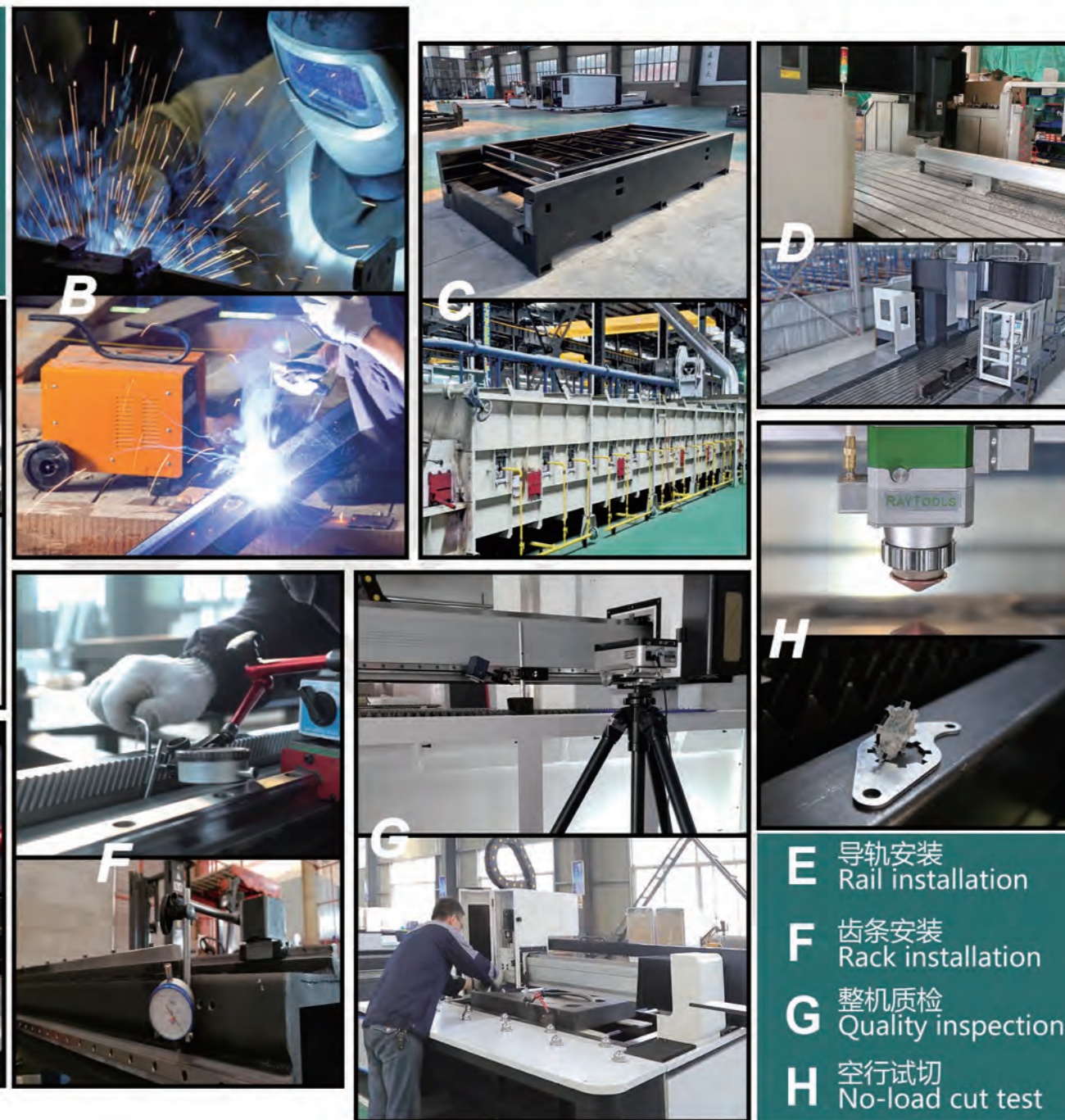
16
YEARS

Production experience
16年生产经验

50
ENGINEERS

Research and development
50名研发工程师

- A 来料检测
Incoming testing
- B 分段式焊接
Segmented welding
- C 床身热时效处理
Bed thermal aging treatment
- D 龙门铣
Gantry milling

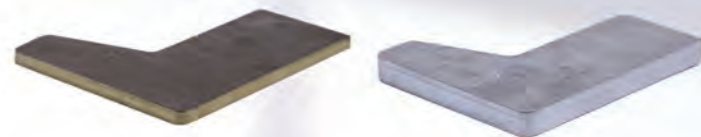


- E 导轨安装
Rail installation
- F 齿条安装
Rack installation
- G 整机质检
Quality inspection machine
- H 空行试切
No-load cut test

Metal Sheet

L X 3 0 1 5 F

柜式平板 光纤激光切割机



机器型号 Machine Model	LX3015F(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	2000-20000W
外观尺寸 Dimension	2876*4626*1805mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ

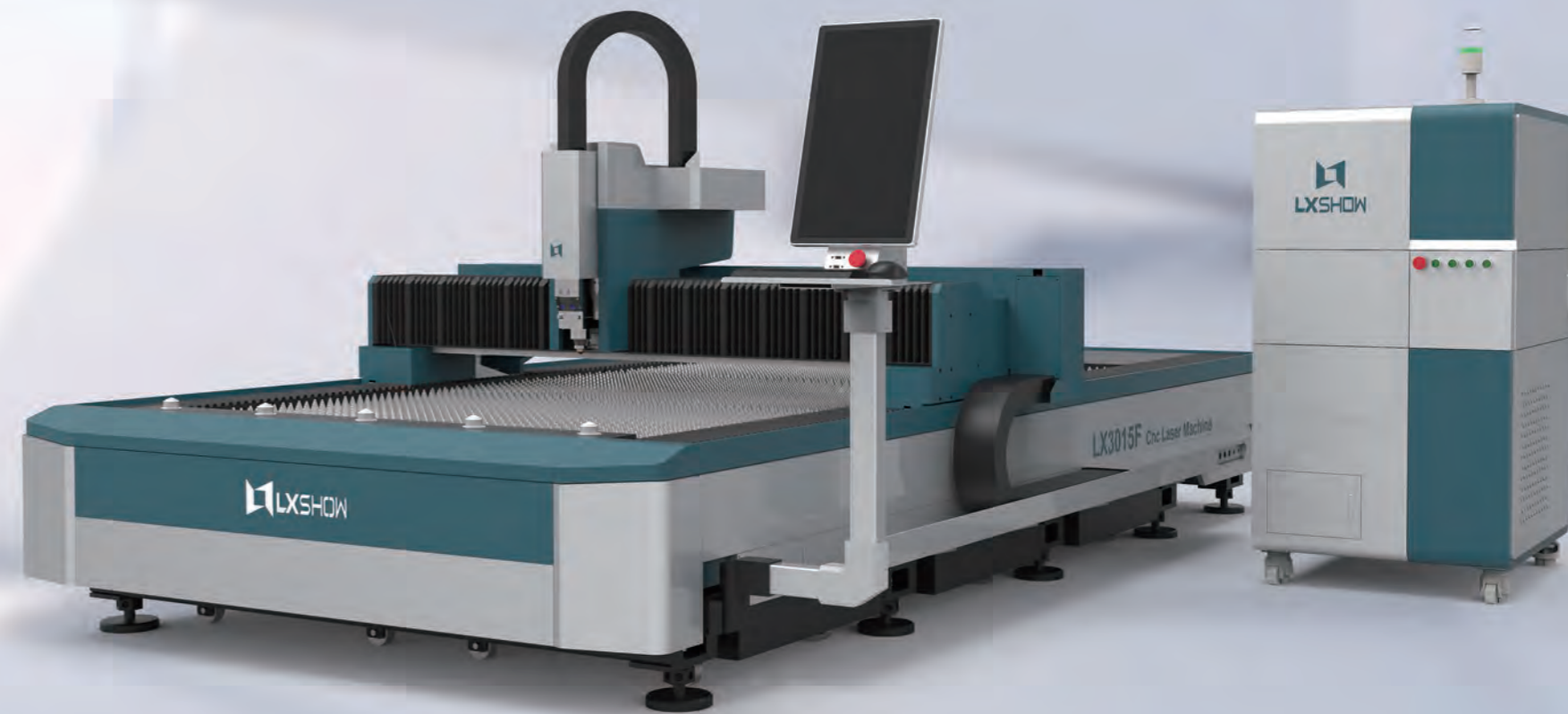




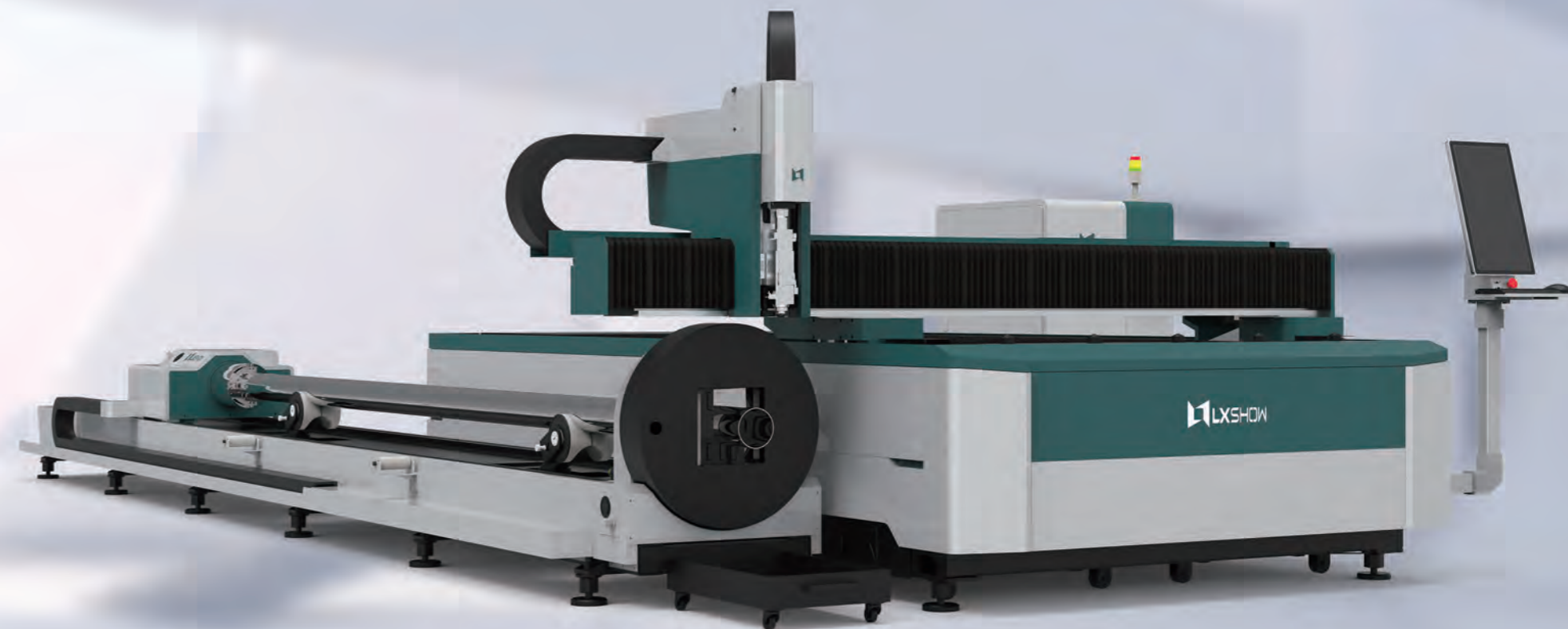
Plate + Tube

L X 3 0 1 5 F T

板管一体 光纤激光切割机



机器型号 Machine Model	LX3015FT(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	2000-20000W
外观尺寸 Dimension	4771*8145*2005mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ





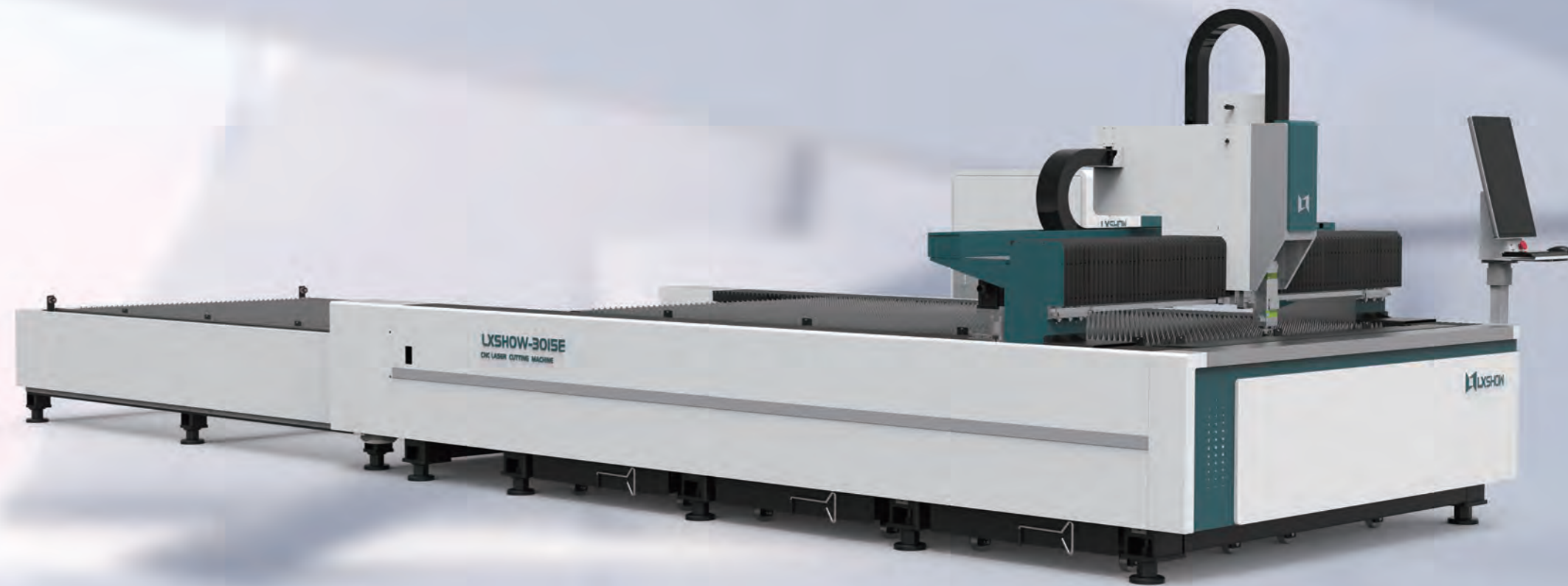
Exchange Table

L X 3 0 1 5 E

交换台平板 光纤激光切割机



机器型号 Machine Model	LX3015E(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	3000-12000W
外观尺寸 Dimension	3890*8027*1989mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ



Exchange Table+Rotary

L X 3 0 1 5 E T

板管一体+交换台 光纤激光切割机



机器型号 Machine Model	LX3015ET(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	https://www.fenghost.net/clientarea.php
外观尺寸 Dimension	5063*8378*2115mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ





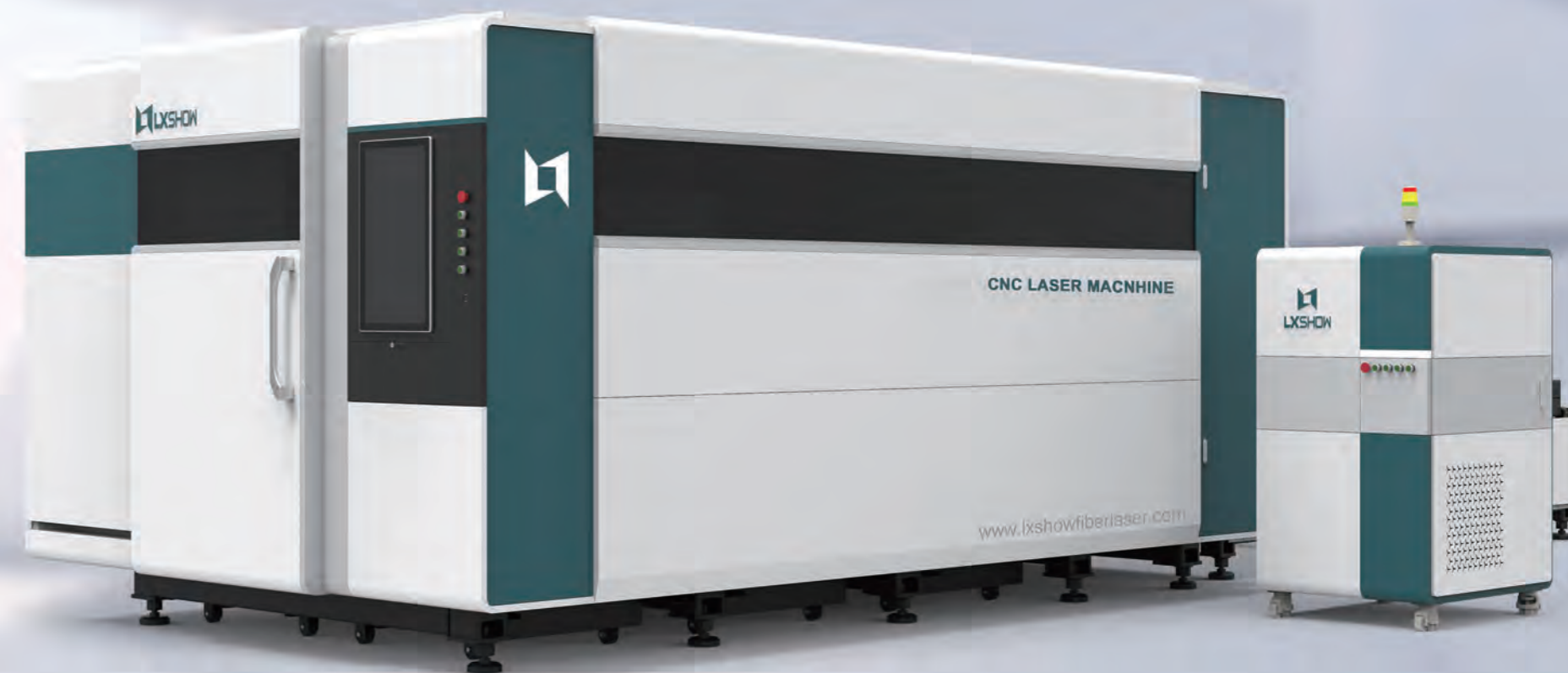
Exchange table+Cover

L X 8 0 2 5 P



大包围+交换台高功率平板 光纤激光切割机

机器型号 Machine Model	LX3015P(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	3000-12000W
外观尺寸 Dimension	2850*8850*2310mm/3350*10800*2310mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ





Plate+Tube+Cover

L X 3 0 1 5 P T

板管一体+大包围 光纤激光切割机



机器型号 Machine Model	LX3015PT(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	3000-12000W
外观尺寸 Dimension	4967*8817*2440mm
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ



Automatic

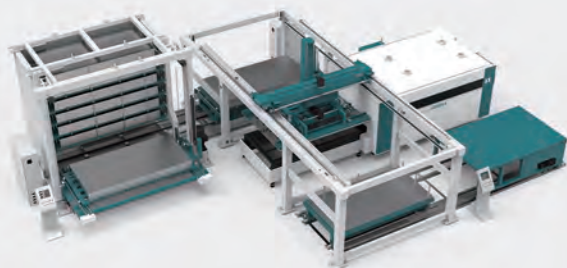
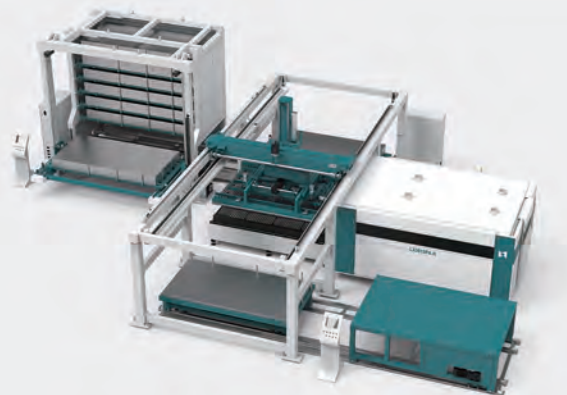
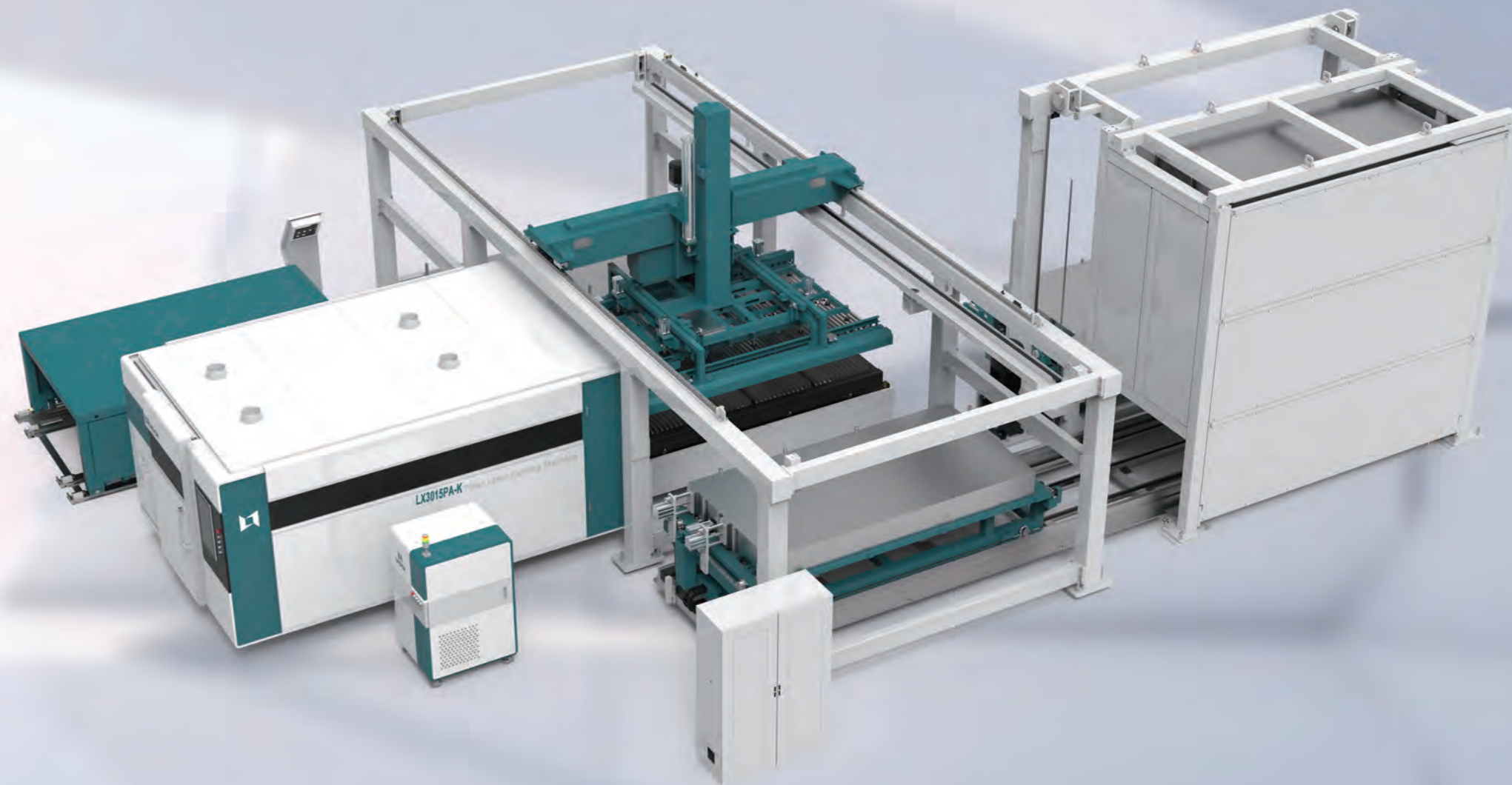
(with material warehouse)

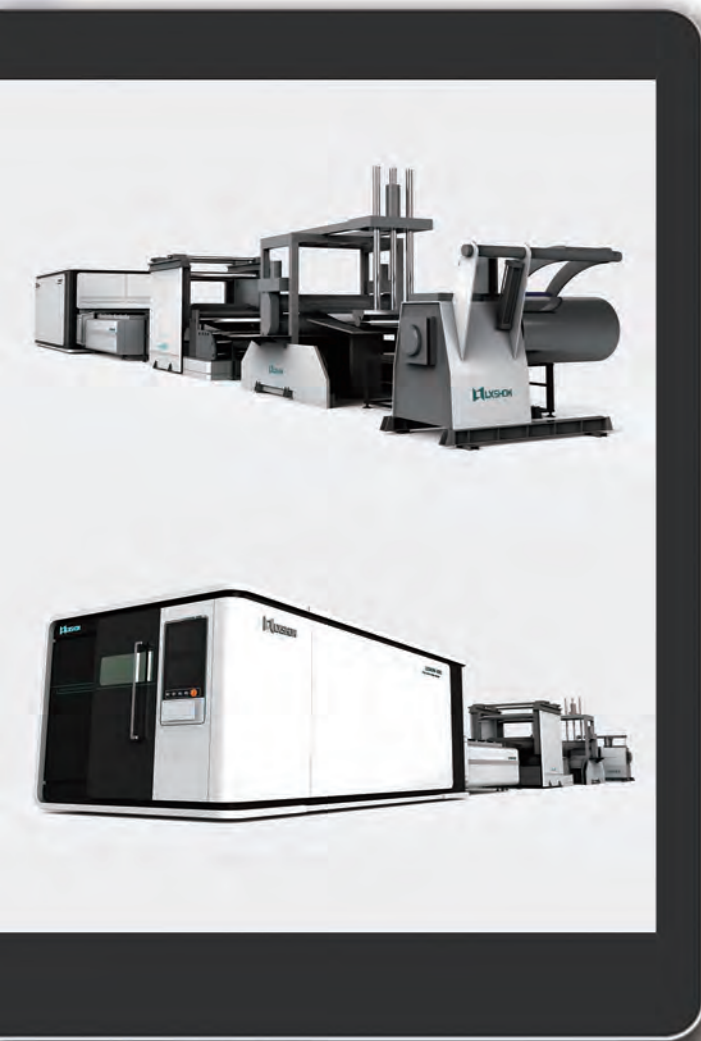
L X 3 0 1 5 P A - K

自动上下料平板(带料库) 光纤激光切割机



机器型号 Machine Model	LX3015PA-K(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	3000-12000W
机器重量 Machine Weight	10000KG (About)
工作幅面 Working Area	1500*3000mm(Other size can be customized 可定制)
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	120m/min
最大加速度 Max Acceleration	1.5G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ

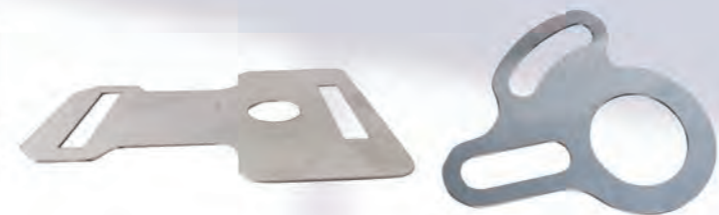




Coil Metal

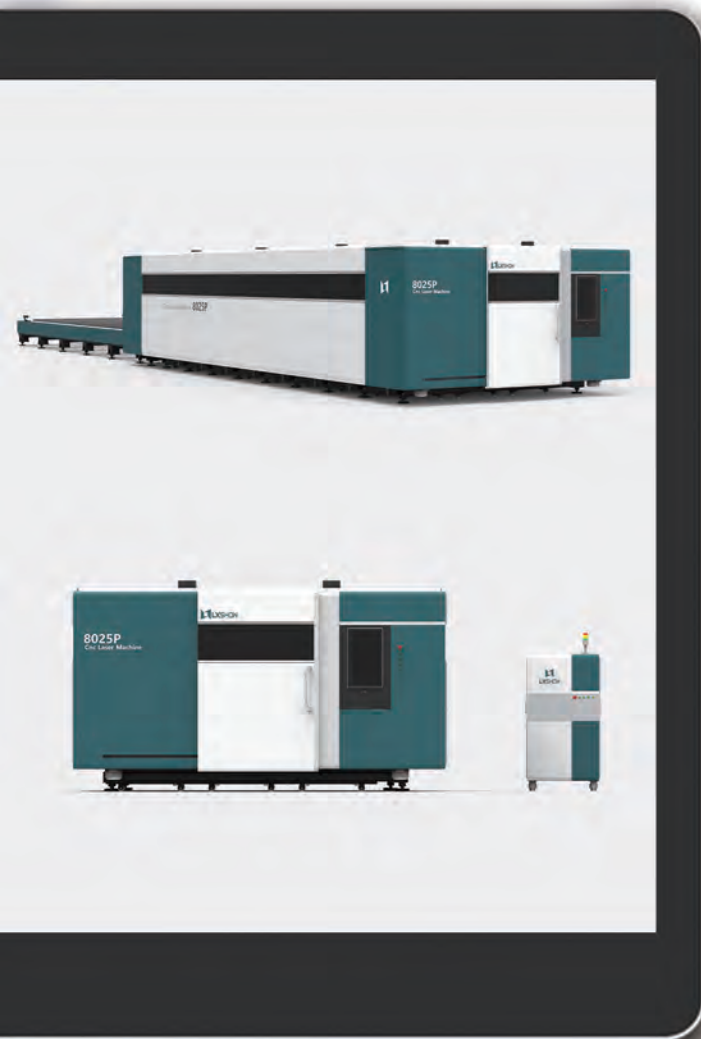
L X 3 0 1 5 F L

卷材 光纤激光切割机



机器型号 Machine Model	LX3015FL(4015/6015/4020/6020/6025/8025/12025 optional) 面积可定制
激光功率 Power of Generator	1kw/1.5kw/2kw/3kw/4kw
X / Y轴定位精度 X/Y-axis Positioning Accuracy	0.03mm
X / Y轴重新定位精度 X/Y-axis Repositioning Accuracy	0.02mm
校平精度 Leveling accuracy	≤1.5mm/m ²
加工板厚度 Processing Plate Thickness	0.8~3mm
卷材外径 Coil Outer Diameter	φ1200 ~ φ2000mm
卷材内径 Coil Inner Diameter	φ508、φ610mm
卷重 Coil Weight	≤20t
调平速度 Leveling Speed	≤20m/min





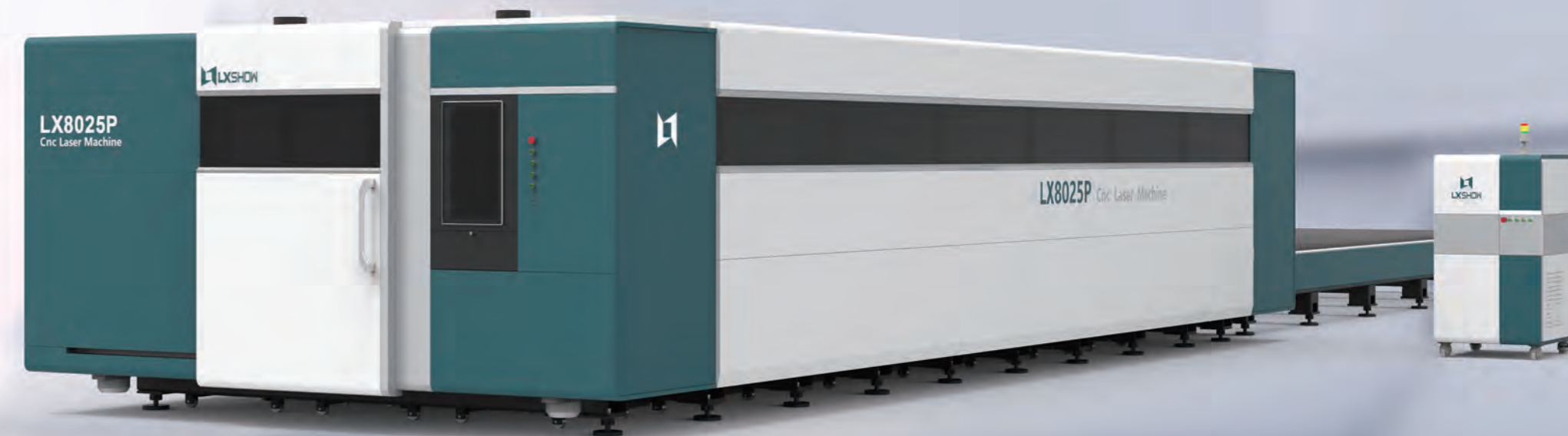
Exchange table+Cover

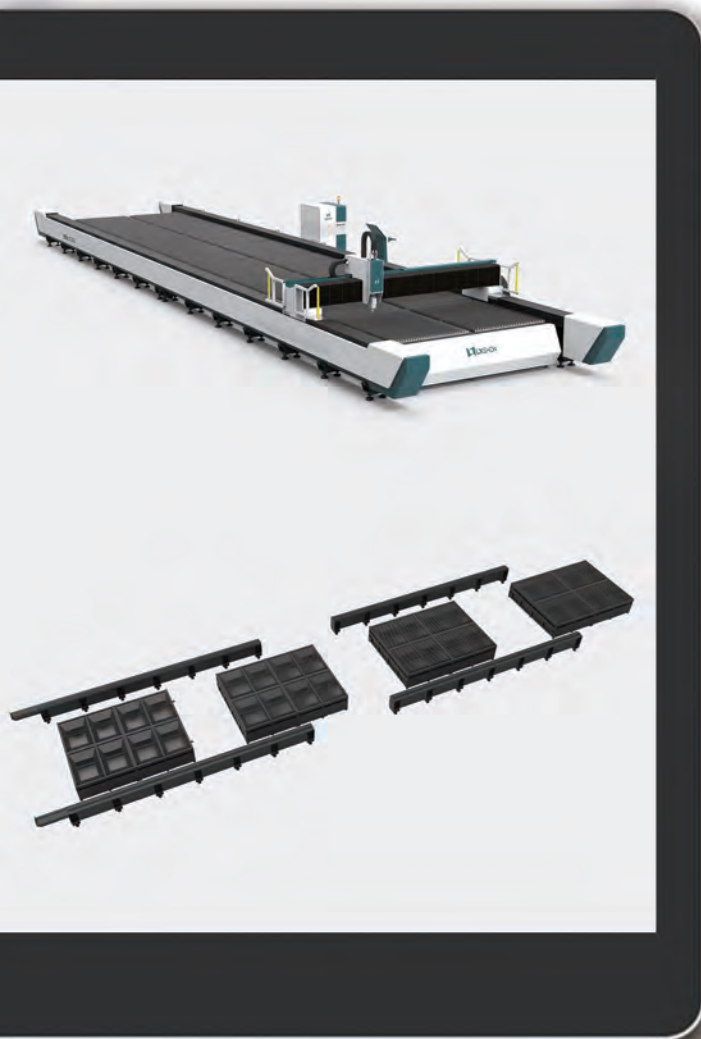
L X 8 0 2 5 P



大包围+大幅面+交换台高功率平板

机器型号 Machine Model	LX8025P
激光功率 Power of Generator	3000-12000W
外观尺寸 Dimension	18400*3924*2255mm
工作幅面 Working Area	2500*8000mm
重复定位精度 Repeated Positioning Accuracy	±0.02mm
最大运行速度 Max Running Speed	160m/min
最大加速度 Max Acceleration	2G
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ

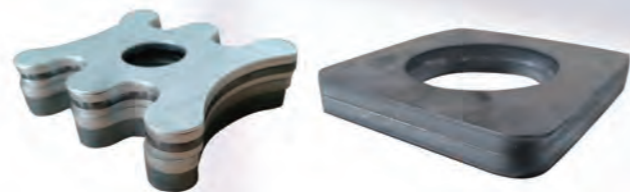




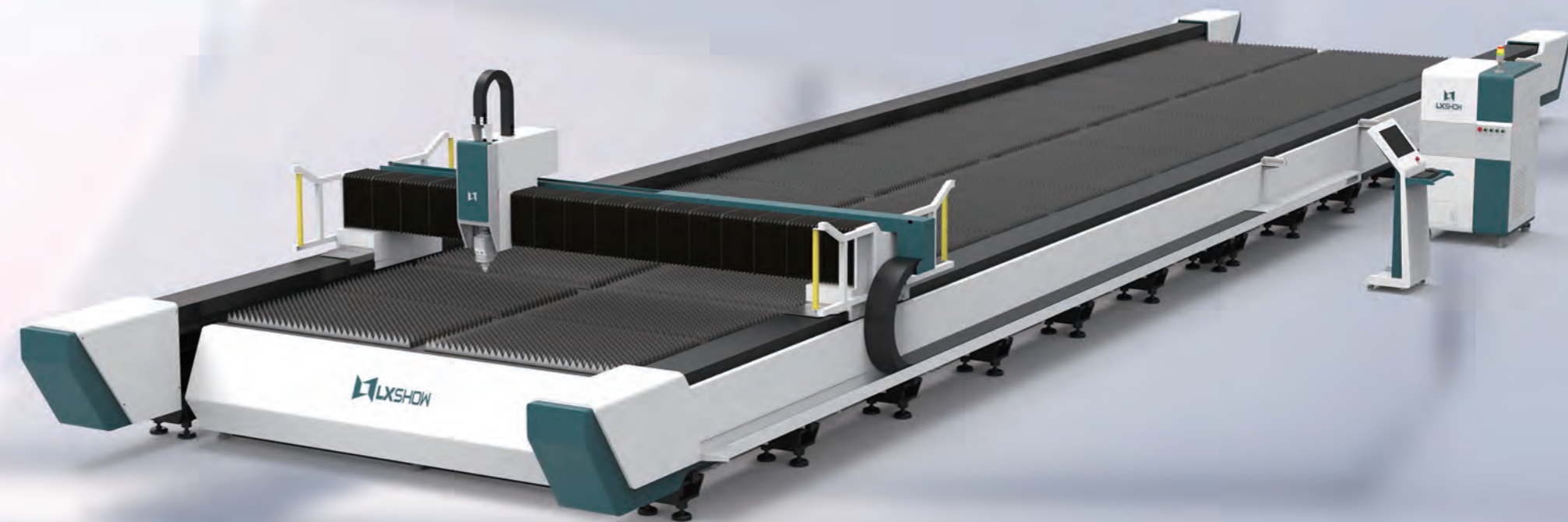
Ultra Large Format

L X 1 2 0 3 0 L

超大幅面 光纤激光切割机



机器型号 Machine Model	LX12025L	LX12030L
工作幅面 Working Area	12100*2550	12100*3200
激光功率 Power of Generator	3000-20000W	
X / Y轴定位精度 X/Y-axis Positioning Accuracy	0.02mm/m	
X / Y轴重新定位精度 X/Y-axis Repositioning Accuracy	0.01mm/m	
X / Y轴最大 联动速度 X/Y-axis Max. linkage speed	80m/min	





Economy

L X 6 2 T E

经济款 专业光纤激光切管机



机器型号 Machine Model	LX62TE
激光功率 Power of Generator	1000-3000W
外观尺寸 Dimension	1775*9200*2200mm
夹持范围 Clamping Range	Φ20-Φ220 Φ20-Φ120
重复定位精度 Repeated Positioning Accuracy	±0.02mm
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ





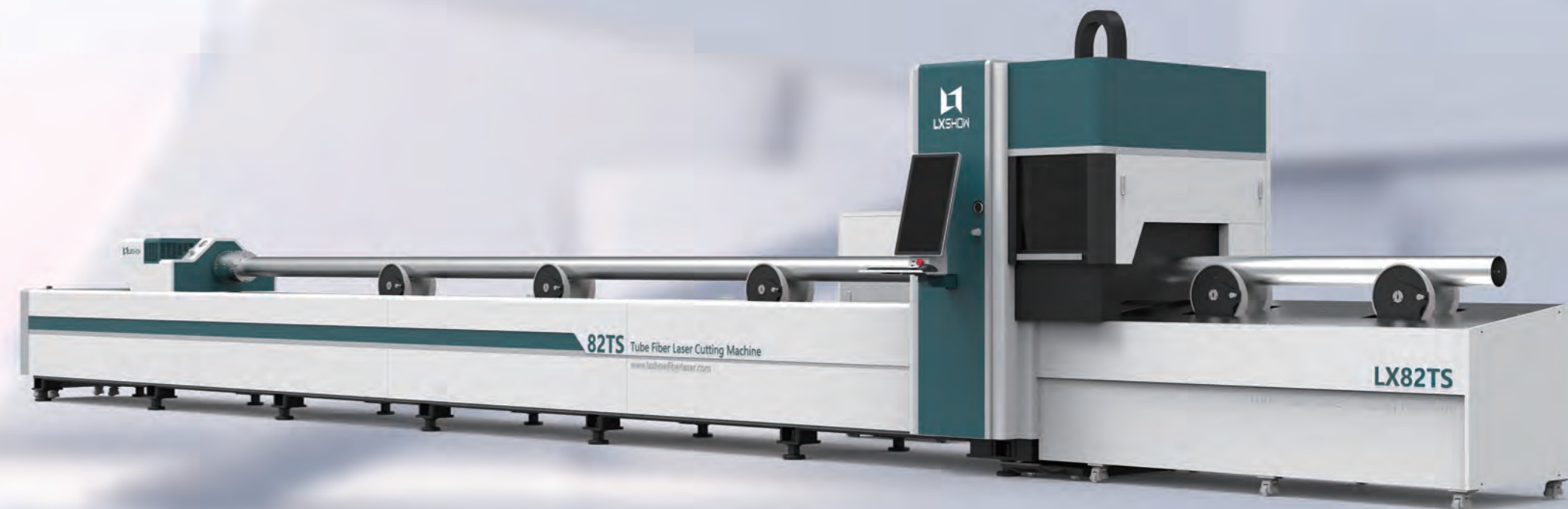
Standard

L X 8 2 T S

标准款 专业光纤激光切管机



机器型号 Machine Model	LX82TS
激光功率 Power of Generator	1000-3000W
外观尺寸 Dimension	11340*1560*1615mm
夹持范围 Clamping Range	Φ20-Φ220 / Φ20-Φ350
重复定位精度 Repeated Positioning Accuracy	±0.02mm
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ





High Quality

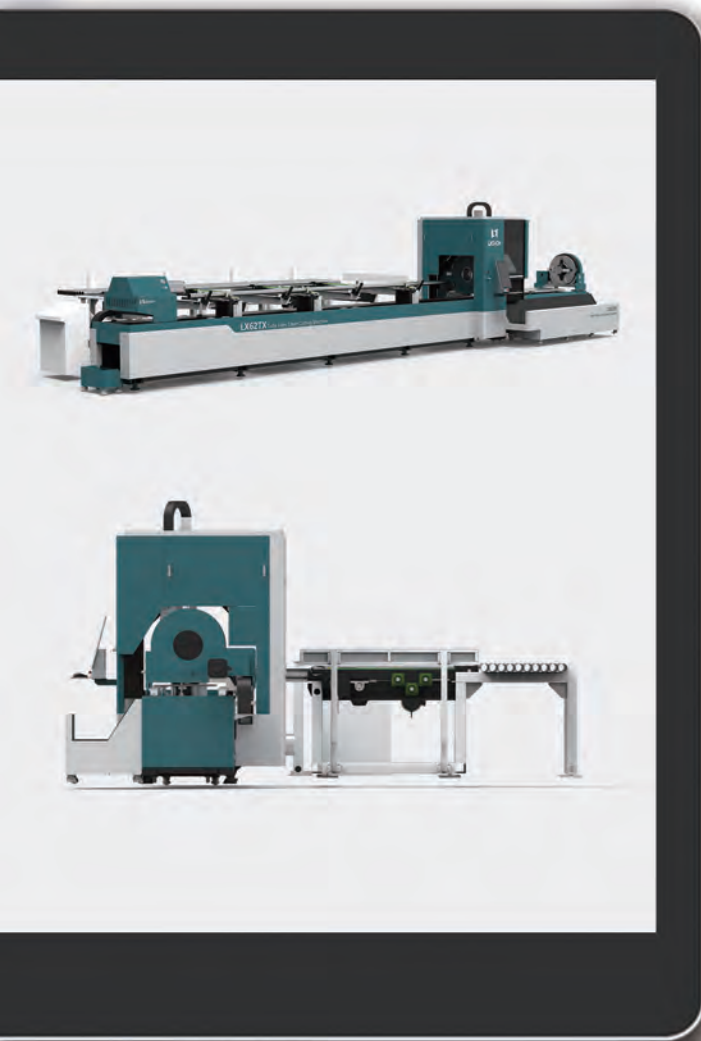
L X 6 2 T H

高配款 专业光纤激光切管机



机器型号 Machine Model	LX62TH
激光功率 Power of Generator	1000-6000W
外观尺寸 Dimension	2021*11230*2132mm
夹持范围 Clamping Range	Φ20-Φ220 / Φ20-Φ350
重复定位精度 Repeated Positioning Accuracy	±0.02mm
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ

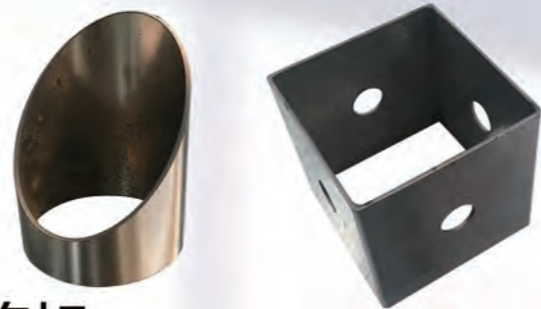




Three Chuck

L X 6 2 T X

三卡盘 专业光纤激光切管机



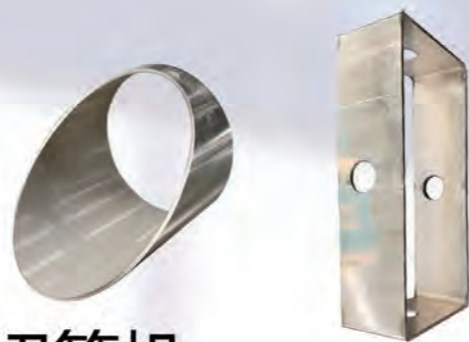
机器型号 Machine Model	LX62TX
激光功率 Power of Generator	1000-6000W
外观尺寸 Dimension	12100*2200*2880mm
夹持范围 Clamping Range	Φ20-Φ220/Φ20-Φ350
重复定位精度 Repeated Positioning Accuracy	±0.02mm
电源额定电压及频率 Specified Voltage And Frequency	380V 50/60HZ



AUTOMATIC

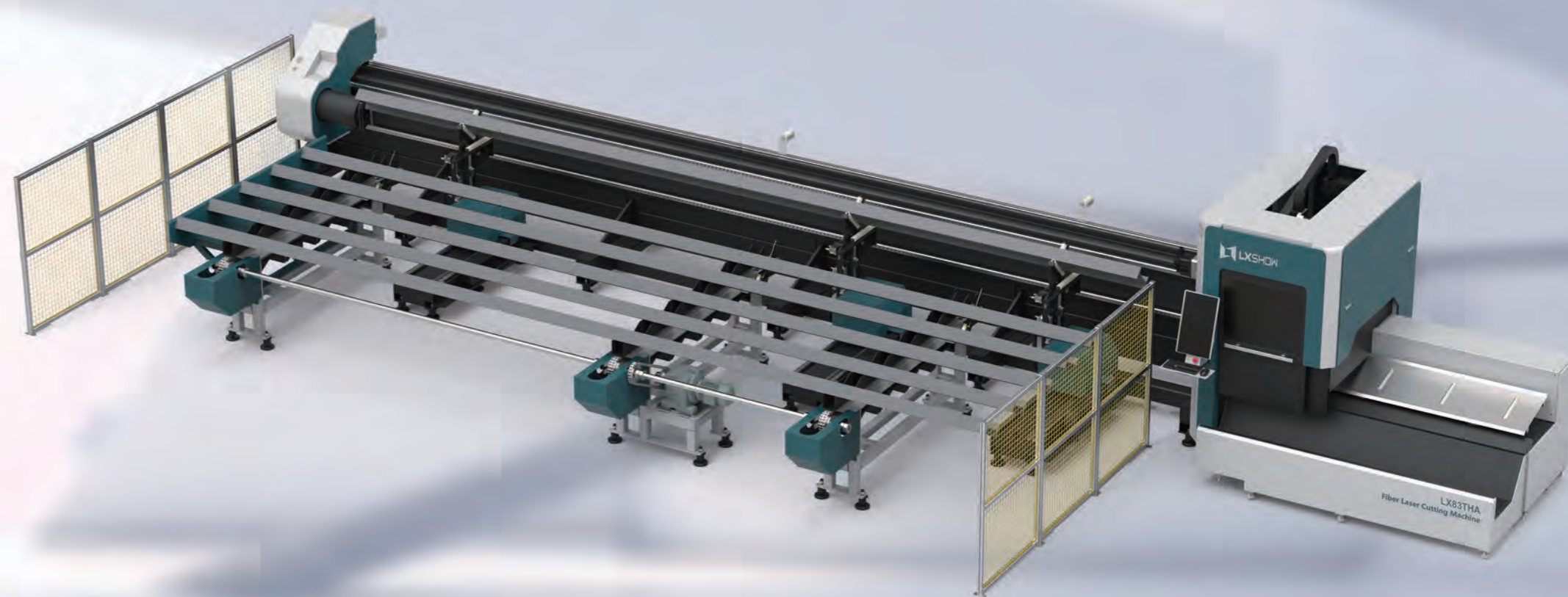
loading and unloading

L X 6 2 T H A



自动上下料 专业光纤激光切管机

机器型号 Machine Model	LX62THA
激光功率 Power of Generator	1500-6000W
卡盘 Chuck	Front and rear dual pneumatic chucks 前后双气动卡盘
定位精度 Positioning Accuracy	0.03mm
最大速度 Maximum Speed	70m/min
卡盘转速 Chuck speed	80r/min
适用管材规格 Applicable pipe specifications	Round tube 圆管 20mm-218mm Square tube 方管 20mm-155mm Rectangular tube 矩形管 对角线 diagonal < 218mm
管材长度 Tube length	6050mm
料仓承重 Silo load-bearing	3T
单根最大重量 Single maximum weight	200kg
电压 Voltage	380V±10%50HZ





Small Size

L X 1 3 9 0 M

小型平板 光纤激光切割机



机器型号 Machine Model	LX1390M(6060 optional)
激光功率 Power of Generator	1000-1500W
传动方式 Transmission Mode	研磨精密丝杠传动 Grinding Precision Screw Transmission
工作幅面 Working Area	1300*900mm
重复定位精度 Repeated Positioning Accuracy	±0.006mm
最大运行速度 Max Running Speed	40m/min
最大加速度 Max Acceleration	0.5G
电源额定电压及频率 Specified Voltage And Frequency	220V 50/60HZ





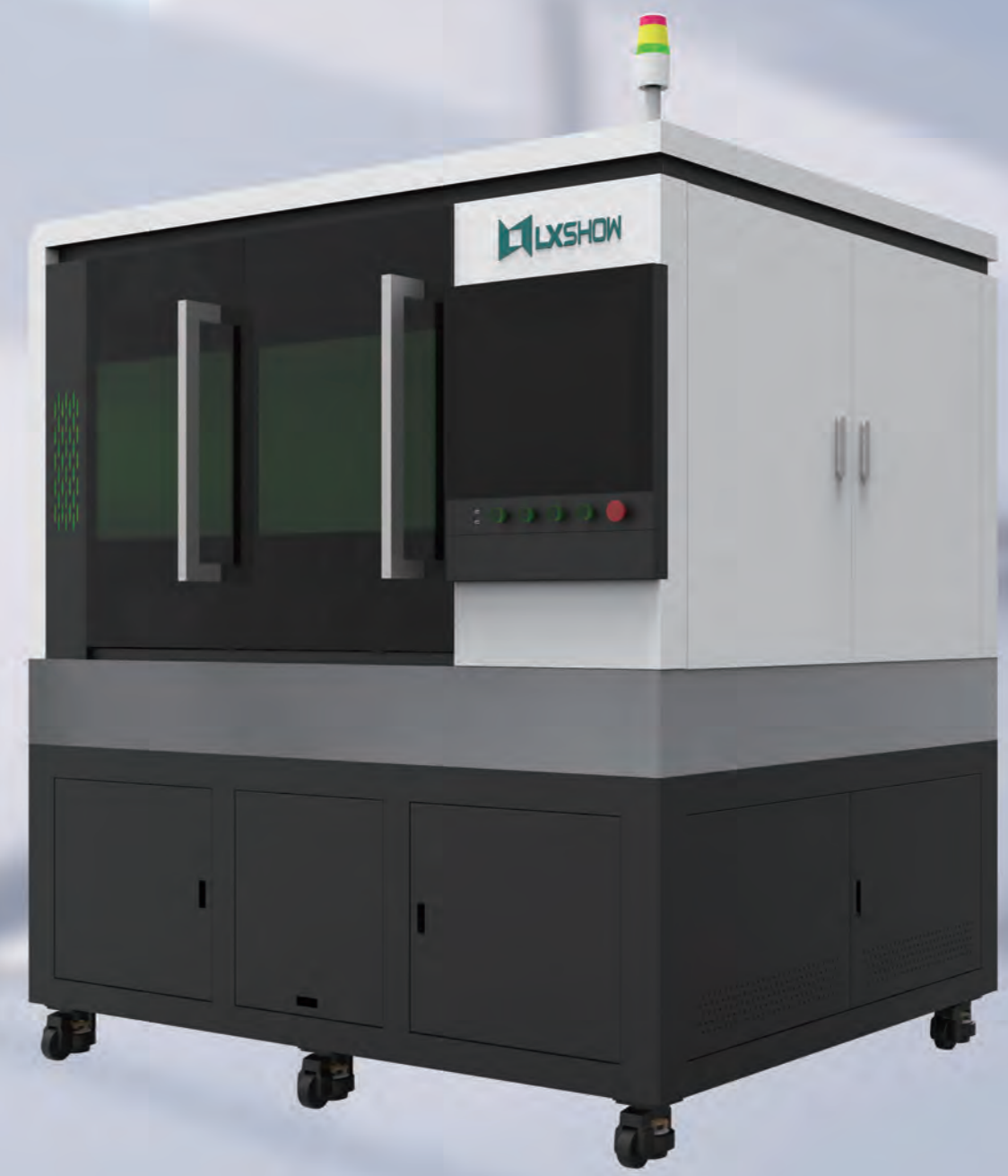
Precision

L X 6 0 6 0 G

精密平板 光纤激光切割机



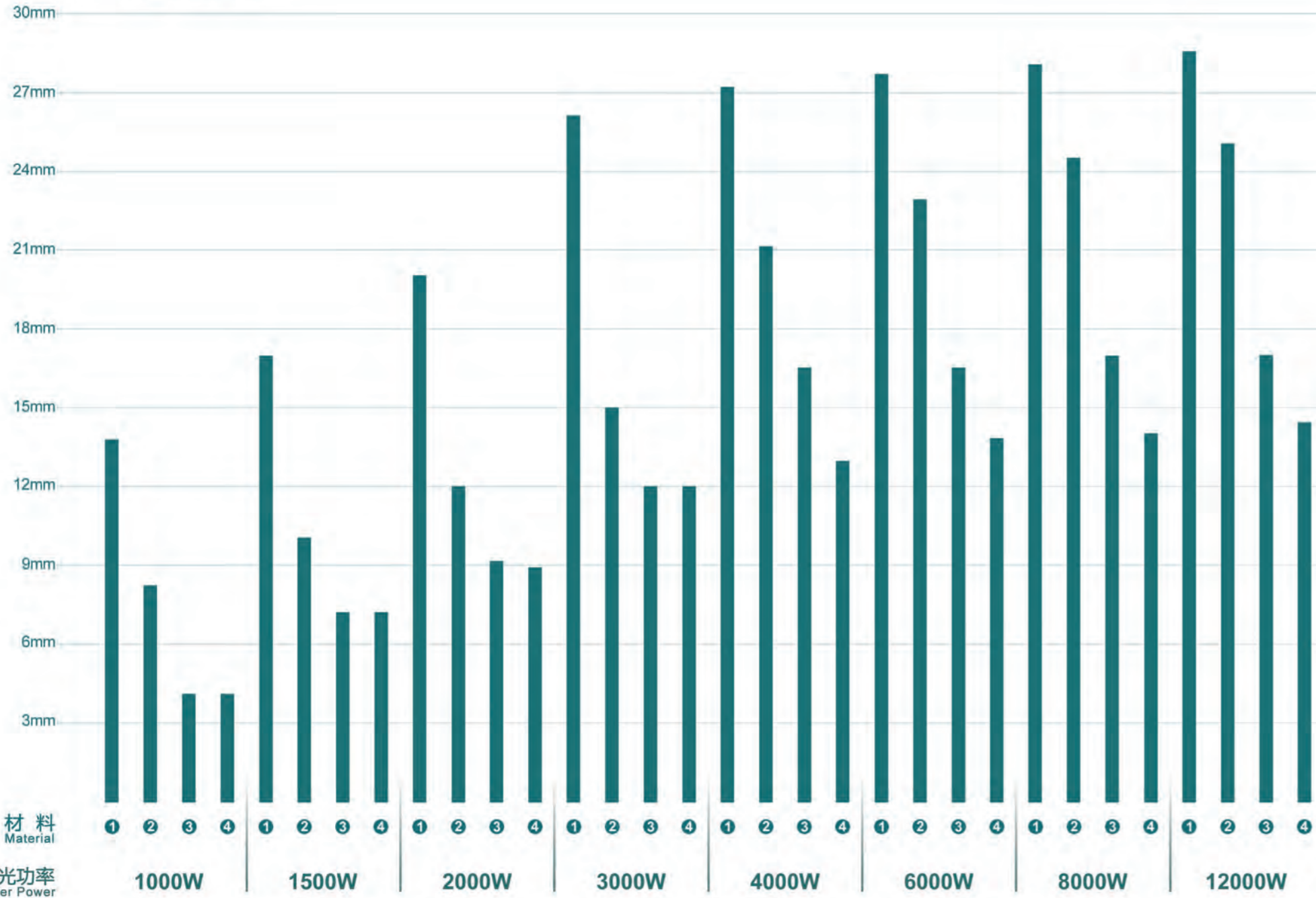
机器型号 Machine Model	LX6060G(9060 optional)
激光功率 Power of Generator	1000-1500W
传动方式 Transmission Mode	研磨精密丝杠传动 Grinding Precision Screw Transmission
工作幅面 Working Area	600*600mm
重复定位精度 Repeated Positioning Accuracy	±0.004mm
最大运行速度 Max Running Speed	80m/min
最大加速度 Max Acceleration	1G
电源额定电压及频率 Specified Voltage And Frequency	220V/380V 50/60HZ



切割厚度
Cutting thickness

- ① : 碳钢 Carbon steel
- ② : 不锈钢 Stainless steel
- ③ : 铝 Aluminum
- ④ : 有色金属 Non-ferrous metals

最大切割厚度 (不建议长期使用)
Max. cutting thickness (do not suggest to cut for a long time)



材料
Material

厚度 (mm)
Thickness

厚度 (mm) Thickness	切割速度 (m/min) Cutting speed								
	1000W	1500W	2000W	3000W	4000W	6000W	8000W	10000W	12000W
1	7.0-9.0	7.0-11.0	7.0-12.0	7.0-12.0	7.0-12.0	7.0-12.0	7.0-12.0	7.0-12.0	7.0-12.0
2	5.0-6.0	5.0-6.5	5.0-6.5	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0
3	2.5-3.0	2.8-3.8	3.0-4.6	3.5-5.0	3.5-5.0	3.5-5.0	3.5-5.0	3.5-5.0	3.5-5.0
4	2.0-2.4	2.5-3.2	2.8-4.0	3.0-4.2	3.0-4.2	3.0-4.2	3.0-4.2	3.0-4.2	3.0-4.2
5	1.5-1.8	1.8-2.5	2.2-3.2	2.5-3.6	2.5-3.6	2.5-3.6	2.5-3.6	2.5-3.6	2.5-3.6
6	1.4-1.6	1.8-2.2	2.0-2.8	2.4-3.0	2.4-3.0	2.4-3.0	2.4-3.0	2.4-3.0	2.4-3.0
8	1.0-1.2	1.1-1.5	1.4-2.0	1.8-2.4	1.8-2.4	1.8-2.4	1.8-2.4	1.8-2.4	1.8-2.4
10	0.75-0.85	1.0-1.2	1.1-1.4	1.2-1.8	1.2-1.8	1.2-1.8	1.2-1.8	1.2-1.8	1.2-1.8
12	0.6-0.7	0.9-1.0	0.9-1.2	1.0-1.5	1.0-1.5	1.0-1.5	1.0-1.5	1.0-1.5	1.0-1.5
16			0.6-0.75	0.7-0.85	0.7-0.85	0.7-0.85	0.7-0.85	0.7-0.85	0.7-0.85
20				0.6-0.75	0.6-0.75	0.6-0.75	0.6-0.75	0.6-0.75	0.6-0.75
22				0.50-0.65	0.50-0.65	0.50-0.65	0.50-0.65	0.50-0.65	0.50-0.65
25				0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
1	15-18	10.0-15.0	35.0-50.0	35.0-50.0	45.0-55.0	45.0-55.0	45.0-55.0	45.0-55.0	45.0-55.0
2	4.5-6.0	5.0-7.0	10.0-15.0	15.0-23.0	18.0-27.0	20.0-35.0	23.0-37.0	26.0-40.0	28.0-43.0
3	2.0-2.4	3.0-4.0	5.0-7.0	7.0-11.0	10.0-15.0	15.0-20.0	19.0-24.0	23.0-28.0	27.0-32.0
4	1.0-1.5	2.0-2.8	3.5-4.5	4.0-6.0	5.0-7.5	10.0-14.0	14.0-17.0	18.0-22.0	22.0-26.0
5	0.75-0.85	1.2-1.7	1.8-2.5	2.5-4.0	4.0-5.0	8.0-12.0	11.0-14.0	14.0-17.0	16.0-18.0
6		0.7-1.0	0.7-0.8	2.0-3.2	3.0-4.0	8.0-8.0	8.0-9.5	9.5-11.0	10.5-12.0
8		0.5-0.7	0.5-0.6	1.2-1.8	1.5-2.6	3.5-4.0	5.0-5.5	6.5-7.0	7.5-8.0
10				0.7-0.9	0.7-1.3	1.8-2.2	2.5-3.0	3.4-3.9	4.0-4.5
12				0.3-0.4	0.4-0.6	1.2-1.5	1.8-2.1	2.6-3.1	3.3-3.6
16					0.3-0.5	0.8-1.2	1.5-1.8	2.2-2.5	2.7-3.0
20						0.6-0.8	1.0-1.3	1.7-2.0	2.2-2.5
22						0.3-0.4	0.6-0.75	1.0-1.2	1.4-1.6
25							0.3-0.5	0.4-0.6	0.6-0.8
1	/	10.0-15.0	30.0-45.0	30.0-38.0	35.0-40.0	45.0-55.0	45.0-55.0	45.0-55.0	45.0-55.0
2	/	5.0-6.0	10.0-15.0	12.0-16.0	13.0-22.0	20.0-30.0	27.0-36.0	33.0-40.0	36.0-43.0
3	/	2.5-3.5	5.0-7.0	6.5-8.0	7.0-13.0	13.0-18.0	15.0-18.0	18.0-22.0	23.0-26.0
4	/	1.4-2.0	3.5-5.0	4.0-5.5	4.0-6.5	10.0-12.0	12.0-13.5	15.0-18.0	19.0-22.0
5	/	0.8-1.0	2.0-3.0	2.5-3.5	3.0-4.0	5.0-8.0	9.0-12.0	14.0-16.0	17.0-19.0
6	/	0.5-0.6	1.5-2.0	1.8-3.0	2.2-3.5	4.0-6.0	7.5-9.5	10.0-12.5	13.0-15.0
8	/		0.5-0.6	0.9-1.3	0.9-1.6	2.0-3.0	4.0-4.8	5.8-6.5	6.8-7.2
10	/			0.4-0.7	0.55-1.0	1.0-1.9	1.5-2.7	3.0-3.8	3.7-4.2
12	/			0.4-0.6	0.3-0.45	1.6-1.9	2.4-2.7	3.3-3.6	3.3-3.6
16	/					0.6-0.9	1.0-1.2	1.4-1.6	1.7-1.8
20	/						0.8-0.9	1.0-1.2	1.2-1.6
22	/						0.7-0.85	0.9-1.0	1.1-1.2
25	/						0.35-0.45	0.6-0.7	0.8-0.9
1	/	8.0-12.0	12.0-18.0	20.0-32.0	25.0-30.0	45.0-55.0	45.0-55.0	45.0-55.0	45.0-55.0
2	/	3.5-5.0	6.0-8.5	9.0-11.0	10.0-13.0	25.0-35.0	27.0-36.0	33.0-40.0	36.0-43.0
3	/	1.5-2.2	2.5-4.0	4.0-6.0	5.0-6.5	12.0-18.0	15.0-18.0	18.0-22.0	23.0-26.0
4	/	1.0-1.2	1.5-1.8	3.0-4.5	3.0-5.2	8.0-10.0	12.0-13.5	15.0-18.0	19.0-22.0
5	/	0.6-0.8	0.8-1.2	1.5-2.0	2.0-3.0	4.50-6.0	9.0-12.0	14.0-16.0	17.0-19.0
6	/		0.4-0.5	1.0-1.6	1.4-2.0	3.0-4.0	7.5-9.5	10.0-12.5	13.0-15.0
8	/			0.5-0.6	0.7-0.8	1.6-2.2	4.0-4.8	5.8-6.5	6.8-7.2
10	/				0.2-0.3	0.8-1.2	1.5-2.7	3.0-3.8	3.7-4.2
12	/					1.6-1.9	2.4-2.7	3.3-3.6	3.3-3.6

碳钢 (O₂)
Carbon steel

不锈钢 (N₂)
Stainless steel

铝 (N₂)
Aluminum

黄铜 (N₂)
Brass

材料
Material

激光功率
Laser Power

激光功率 LASER POWER

辅助气体 Assisted gas
能 耗 Consumption

可选方案一:
空气切割 (用空压机组切割不锈钢板)
Option 1:
Using air compressor cutting stainless steel

可选方案二:
氧气切割(用O₂切割不锈钢)
Option 2:
Using O₂ cutting stainless steel

可选方案三:
氮气切割(用N₂切割不锈钢)
Option 2:
Using N₂ cutting stainless steel

成本分析

COST ANALYSIS 1507

1000W

电力消耗 Power Consumption	激光器 Laser power	4KW	4KW	4KW
	冷水机组 Water Chiller Group	2.8KW	2.8KW	2.8KW
	机床主机 Host Machine	5.4KW	5.4KW	5.4KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	2RMB/h	2RMB/h	2RMB/h	
气体消耗 Gas Consumption	15×85%=12.75KW	约(About) 6RMB	约(About) 200RMB	
总电力功率 Total Power	15.2KW	15.2KW	15.2KW	
平均功率 Average Power Consumption	15.2×80%=12.16KW	15.2×80%=12.16KW	15.2×80%=12.16KW	
总运行成本All Cost(按1RMB/kwh)	12.16+12.75+2=26.91RMB/h	12.16+6+2=20.16RMB/h	12.16+200+2=214.16RMB/h	

2000W

电力消耗 Power Consumption	激光器 Laser power	8KW	8KW	8KW
	冷水机组 Water Chiller Group	3.1KW	3.1KW	3.1KW
	机床主机 Host Machine	6KW	6KW	6KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	2.5RMB/h	2.5RMB/h	2.5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 6.7RMB/h	约(About) 200RMB/h	
总电力功率 Total Power	20.1KW	20.1KW	20.1KW	
平均功率 Average Power Consumption	20.1×80%=16.08KW	20.1×80%=16.08KW	20.1×80%=16.08KW	
总运行成本All Cost(按1RMB/kwh)	16.08+17+2.5=35.58RMB/h	16.08+6.7+2.5=25.28RMB/h	16.08+200+2.5=218.58RMB/h	

3000W

电力消耗 Power Consumption	激光器 Laser power	12KW	12KW	12KW
	冷水机组 Water Chiller Group	5KW	5KW	5KW
	机床主机 Host Machine	6KW	6KW	6KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	3RMB/h	3RMB/h	3RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 8RMB/h	约(About) 200RMB/h	
总电力功率 Total Power	26KW	26KW	26KW	
平均功率 Average Power Consumption	26×80%=20.8KW	26×80%=20.8KW	26×80%=20.8KW	
总运行成本All Cost(按1RMB/kwh)	20.8+17+3=40.8RMB/h	20.8+8+3=31.8RMB/h	20.8+200+3=223.8RMB/h	

4000W

电力消耗 Power Consumption	激光器 Laser power	12KW	12KW	12KW
	冷水机组 Water Chiller Group	6.5KW	6.5KW	6.5KW
	机床主机 Host Machine	6KW	6KW	6KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	3.5RMB/h	3.5RMB/h	3.5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 200RMB/h	
总电力功率 Total Power	27.5W	27.5W	27.5W	
平均功率 Average Power Consumption	27.5×80%=22KW	27.5×80%=22KW	27.5×80%=22KW	
总运行成本All Cost(按1RMB/kwh)	22+17+3.5=42.5RMB/h	22+10+3.5=35.5RMB/h	22+200+3.5=225.5RMB/h	

6000W

电力消耗 Power Consumption	激光器 Laser power	18KW	18KW	18KW
	冷水机组 Water Chiller Group	8KW	8KW	8KW
	机床主机 Host Machine	8KW	8KW	8KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	4RMB/h	4RMB/h	4RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 250RMB/h	
总电力功率 Total Power	37KW	37KW	37KW	
平均功率 Average Power Consumption	37×80%=29.6KW	37×80%=29.6KW	37×80%=29.6KW	
总运行成本All Cost(按1RMB/kwh)	29.6+17+4=50.6 RMB/h	29.6+10+4=43.6RMB/h	29.6+250+4=283.6RMB/h	

激光功率 LASER POWER

辅助气体 Assisted gas
能 耗 Consumption

可选方案一:
空气切割 (用空压机组切割不锈钢板)
Option 1:
Using air compressor cutting stainless steel

可选方案二:
氧气切割(用O₂切割不锈钢)
Option 2:
Using O₂ cutting stainless steel

可选方案三:
氮气切割(用N₂切割不锈钢)
Option 2:
Using N₂ cutting stainless steel

8000W

电力消耗 Power Consumption	激光器 Laser power	24KW	24KW	24KW
	冷水机组 Water Chiller Group	9KW	9KW	9KW
	机床主机 Host Machine	8KW	8KW	8KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	4.5RMB/h	4.5RMB/h	4.5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 250RMB	
总电力功率 Total Power	44KW	44KW	44KW	
平均功率 Average Power Consumption	44×80%=35.2KW	44×80%=35.2KW	44×80%=35.2KW	
总运行成本All Cost(按1RMB/kwh)	35.2+17+4.5=56.7RMB/h	35.2+10+4.5=49.7RMB/h	35.2+250+4.5=289.7RMB/h	

10000W

电力消耗 Power Consumption	激光器 Laser power	30KW	30KW	30KW
	冷水机组 Water Chiller Group	10KW	10KW	10KW
	机床主机 Host Machine	10KW	10KW	10KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	5RMB/h	5RMB/h	5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 300RMB/h	
总电力功率 Total Power	53KW	53KW	53KW	
平均功率 Average Power Consumption	53×80%=42.4KW	53×80%=42.4KW	53×80%=42.4KW	
总运行成本All Cost(按1RMB/kwh)	42.4+17+5=64.4RMB/h	42.4+10+5=57.4RMB/h	42.4+300+5=347.4RMB/h	

12000W

电力消耗 Power Consumption	激光器 Laser power	36KW	36KW	36KW
	冷水机组 Water Chiller Group	12KW	12KW	12KW
	机床主机 Host Machine	10KW	10KW	10KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	5.5RMB/h	5.5RMB/h	5.5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 300RMB/h	
总电力功率 Total Power	61KW	61KW	61KW	
平均功率 Average Power Consumption	61×80%=48.8KW	61×80%=48.8KW	61×80%=48.8KW	
总运行成本All Cost(按1RMB/kwh)	48.8+17+5.5=71.3RMB/h	48.8+10+5.5=64.3RMB/h	48.8+300+5.5=354.3RMB/h	

15000W

电力消耗 Power Consumption	激光器 Laser power	45KW	45KW	45KW
	冷水机组 Water Chiller Group	15KW	15KW	15KW
	机床主机 Host Machine	10KW	10KW	10KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	6RMB/h	6RMB/h	6RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 300RMB/h	
总电力功率 Total Power	73W	73W	73W	
平均功率 Average Power Consumption	73×80%=58.4KW	73×80%=58.4KW	73×80%=58.4KW	
总运行成本All Cost(按1RMB/kwh)	58.4+17+6=81.4RMB/h	58.4+10+6=74.4RMB/h	58.4+300+6=364.4RMB/h	

20000W

电力消耗 Power Consumption	激光器 Laser power	60KW	60KW	60KW
	冷水机组 Water Chiller Group	20KW	20KW	20KW
	机床主机 Host Machine	15KW	15KW	15KW
	除尘设备 Dust Exhausting Equipment	3KW	3KW	3KW
易损件 Consumable Part	6.5RMB/h	6.5RMB/h	6.5RMB/h	
气体消耗 Gas Consumption	20×85%=17KW	约(About) 10RMB/h	约(About) 300RMB/h	
总电力功率 Total Power	98KW	98KW	98KW	
平均功率 Average Power Consumption	98×80%=78.4KW	98×80%=78.4KW	98×80%=78.4KW	
总运行成本All Cost(按1RMB/kwh)	78.4+17+6.4=101.8 RMB/h	78.4+10+6.5=94.9RMB/h	78.4+300+6.5=384.9RMB/h	

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