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服装穿戴及辅料行业

智能应用解决方案

GARMENT AND ACCESSORIES INDUSTRY

SMART APPLICATION SOLUTIONS

东莞市光博士激光科技股份有限公司

GBOS LASER INC.

江西生产基地: 江西微驰自动化科技有限公司

Production Base: VCHI AUTOMATION INC.

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激光·智能化 / 刀片·智能裁

SMART LASER & KNIFE CUT SYS



公司介绍

公司于2005年创立于中国东莞,生产面积约40000m²。旨在为全球客户提供智能装备解决方案,主要产品分为:中高端激光和震动刀加工解决方案、自动化设备及配套软件与系统。

光博士激光共推出150多款智能装备产品,产品线涵盖激光标记、激光切割打孔、激光雕刻、激光牛仔洗水;震动刀切割、智能划线、点胶及机械手臂应用等。取得国际认可的质量管理系统ISO9001:2005认证。核心技术已获得100多项国家专利及软件著作权,多个系列产品取得SGS&TUV的CE认证。在国内设立20多个销售、售后及代理服务网点;在海外市场,超过90个国家设有分公司和代理服务网点;现已服务全球超30000家客户。

2017年推出IoT Bridge,协同用户实现智能化、数字化制造转型,以提升竞争优势。

光博士以“成为设备行业标杆”为使命,助力用户驶向“精益智造4.0”。

东莞市光博士激光科技股份有限公司(股票代码:870145)是一家致力于为全球用户提供非金属柔性材料一站式智能裁切的国家高新技术企业。

Patents

104+

全球客户超过
Global customers

30000+

SGS/CE/ISO/FDA/BV
国际标准认证
International Certifications including
SGS/CE/ISO/FDA/BV.

5

激光系统
Laser systeams more than 150

150

激光应用解决方案
Laser application solution
more than 2000

2000

国家地区
都有客户分布涉及
Worldwide clientes in
90+ countries.

90

Company Introduction

GBOS LASER INC, founded in Dongguan, China in 2005, with a production area of about 40,000 square meters. We aim to provide smart equipment solutions for global customers. Our mainly products are divided into: medium and high-end laser and oscillating knife solutions, as well as automatic equipments with software & systems.

GBOS has launched more than 150 intelligent equipment and products. The application including: laser marking, cutting and punching, laser engraving, denim jean laser process; Oscillating knife cutting, intelligent auto line marking, PUR dispensing and robotic arm applications, etc. The core technology has obtained more than 100 patents and software copyrights, and has achieved ISO9001:2005 certification, also many series of products have obtained CE certificates of SGS & TUV. It has established more than 20 sales and service outlets in China; Branches and agency in more than 90 countries in overseas markets, supporting over 30,000 users worldwide.

In 2017, we launched IoT Bridge to cooperate with users to achieve intelligent and digital transformation to enhance competitive advantage.

With the mission of "To be the benchmark of equipment industry ", GBOS helps users move towards "LEAN INTELLIGENT MANUFACTURING 4.0".



东莞研发中心/生产基地
Dongguan R&D center / Production base



江西生产基地:江西微驰自动化科技有限公司
Production Base:VCHI AUTOMATION INC.

GBOS LASER INC. (Stock code: 870145) is a national high-tech enterprise committed to providing global users with one-stop intelligent cutting of non-metallic flexible materials.



视频 VIDEO



VISIONSCAN SYSTEM

WITH PRECISION, SPEED AND STABILITY, EXERT OUTSTANDING PERFORMANCE



CCD VISIONSCAN SYSTEM



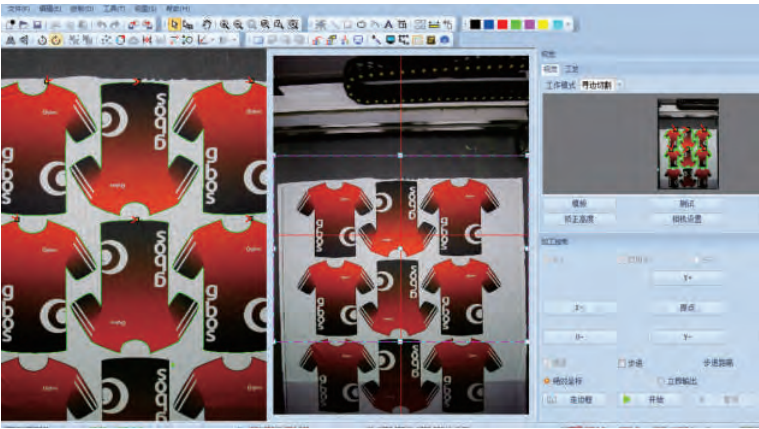
SCCD VISIONSCAN SYSTEM



SSCCD VISIONSCAN SYSTEM



2SCCD VISIONSCAN SYSTEM



特征轮廓提起
Feature outline extraction



特征套图切割
Characteristic setting and cutting



任意图形, 任意角度智能识别切割
Any design, any angle intellingent identifying cutting



多点定位切割
Multi points positioning cutting



特征点定位切割
Feature point positioning cutting



智能识别切割
Smart recognition cutting



特征轮廓提取切割
Features contour cutting



线性补偿
Linear compensation



完整性补偿
Integrity compensation



具有长期稳定性、可靠性
Long-term stability, reliability



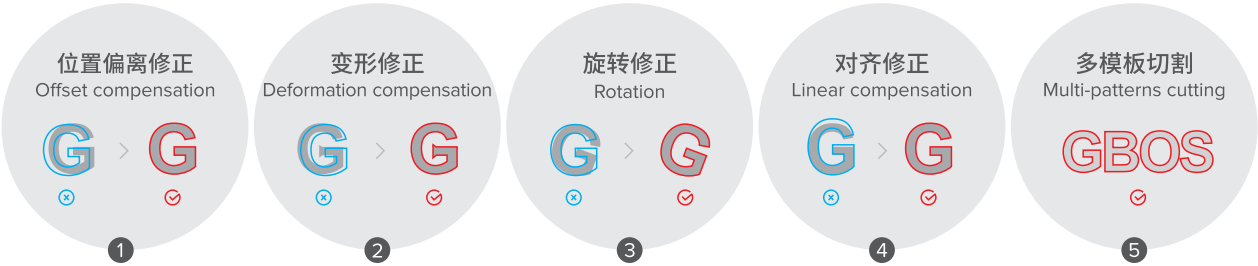
局部比例变形补偿
Local proportional deformation compensation

BEFORE

切割轮廓偏离印刷图案
The cutting contour deviates from the printing

AFTER

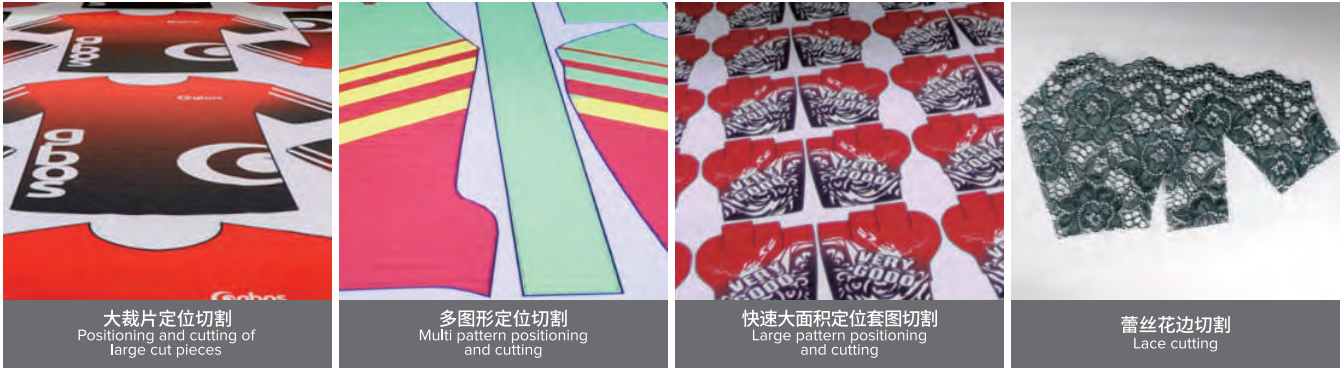
根据印刷图案调整切割轮廓
The cutting contour is adjusted according to the printing



CCD VISIONSCAN POSITIONING SYSTEM



SCCD / 2SCCD VISIONSCAN POSITIONING SYSTEM



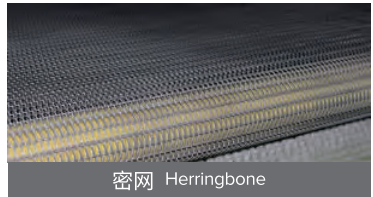
SSCCD VISIONSCAN POSITIONING SYSTEM



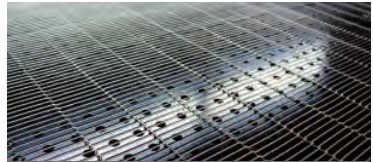
V6
SERIES

- 送料系统一体化设计
- 双头互动 (奇数排版)
- CCD智能视觉识别 (可选)
- 投影预览定位 (可选)
- Integrated design with feeding system
- Interactive dual-Head(odd number nesting)
- CCD Intelligent visual recognition(optional)
- Projection preview positioning(optional)

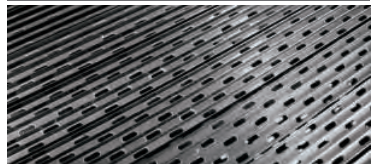
可选 Optional



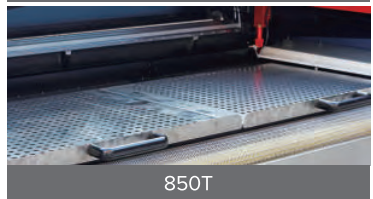
密网 Herringbone



方格网 Grid



E型网 E style



850T



微信扫一扫
在线观看机器工作视频
Scan the QR code
Check Video demo

技术参数 TECHNICAL PARAMETERS

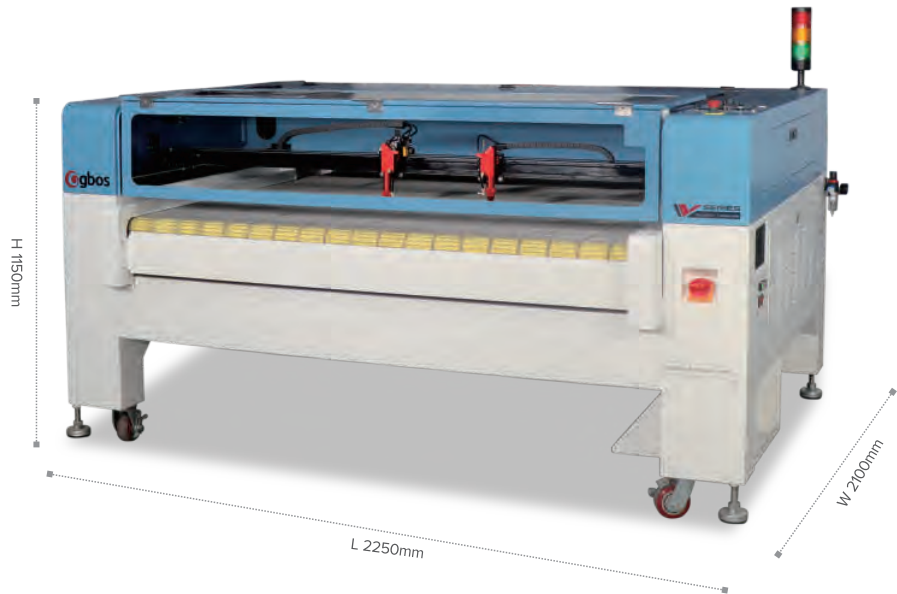
机器型号	加工面积 (毫米)	整机功率	机器尺寸(毫米) (长×宽×高)	系统/兼容格式	重量(千克)	电源	环境要求
MODEL	Processing Area (mm)	Gross Power	Dimension(mm) (L×W×H)	System/ Compatible Format	Weight(kg)	Power Supply	Environmental Requirements
GH1610T-AT	1600×1000	≈3000W	2250×2100×1150	Windows 7/8/10 AI, PLT, DXF, DST, BMP, JPG, JPEG, PNG.	535KG	220V/10A 50Hz or 60Hz	温度 10-30℃ 湿度(无结露) 30-80% Temperature 10-30℃ Humidity (no condensation) 30-80%
GH1810T-AT	1800×1000	≈3000W	2475×2100×1150		830KG		

注:整机功率(含水箱+风机+吹气机),带*号则为不含。 Gross power(including chiller+air compressor+exhauster), while which marked with a * do not include.



激光功率
~90W~

Laser power



GH1610T-AT

全自动送料激光切割机
Automatic feeding laser cutting machine

适合多种材质自动送料:针织料、布料、皮料、泡棉等材料
Multi-materials auto-feeding: knitted fabric, cloth, leather, foam etc



V7
SERIES



激光功率
~90W/105W~

Laser power



GH1812T-AT-SCCD

SCCD超级摄像定位激光切割机
SCCD Super camera positioning laser cutting machine

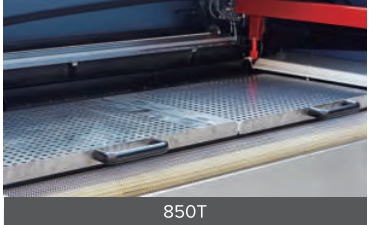
适合于服装数码印花与布料的定位切割
Suitable for positioning and cutting of digital printing garment



- 快速大面积定位套图,切割裁片大小一致
- 任意图形,任意角度智能识别切割
- 无黄边、无焦边、无黑边
- 超级摄像定位,自动提取轮廓

- Large pattern positioning, consistent cutting size
- Any design, any angle intelligent identifying cutting
- Cutting with no burn and no yellow edge
- Super camera positioning, automatically extract contours

可选 Optional



850T



(TT)双头异步切割 Dual-head async cutting



微信扫一扫
在线观看机器工作视频
Scan the QR code
Check Video demo

技术参数 TECHNICAL PARAMETERS

机器型号	加工面积 (毫米)	整机功率	机器尺寸(毫米) (长×宽×高)	系统/兼容格式	重量(千克)	电源	环境要求
MODEL	Processing Area (mm)	Gross Power	Dimension(mm) (L×W×H)	System/ Compatible Format	Weight(kg)	Power Supply	Environmental Requirements
GH1610T-AT-SCCD	1600×1000	≈3000W	2860×2100×2190	Windows 7/8/10 AI, PLT, DXF, DST, BMP, JPG, JPEG, PNG.	730KG	220V/15A 50Hz or 60Hz	温度 10-30℃ 湿度(无结露) 30-80% Temperature 10-30℃ Humidity (no condensation) 30-80%
GH1810T-AT-SCCD	1800×1000	≈3000W	2880×2100×2500		800KG		
GH1812T-AT-SCCD	1800×1200	≈3000W	2880×2000×2500		750KG		

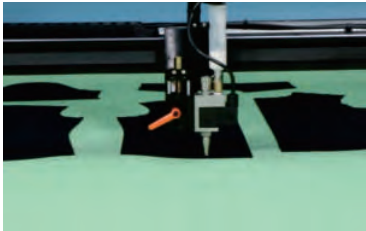
注:整机功率(含水箱+风机+吹气机),带*号则为不含。 Gross power(including chiller+air compressor+exhauster), while which marked with a * do not include.

DOUBLE-HEAD ASYNC AUTOMATIC LINE MARKING MACHINE



LA-GH1610(TT)-AT-SCCD
LA-GH1610-AT-SCCD

适用于量产 / 多种材料、多部件可同时印线
Suitable for mass production multiple materials, and parts
can be printed at one time



Stencil free and various line marking
High efficiency vacuum adsorption system
Twin-head async system greatly increases the processing speed
SCCD visual recognition spraying line
Automatic feeding, save time and labor
Applicable to a variety of inks at different purposes



微信扫一扫
在线观看机器工作视频
Scan the QR code
Check Video demo

技术参数 TECHNICAL PARAMETERS

型号 Model	工作面积 (毫米) Processing area (mm)	吸附 Adsorption	材质 Material	孔径 (毫米) Aperture size (mm)	整机尺寸 (毫米) Dimension(mm)	重量 Weight	整机功率 Gross power	墨水压力 (barg) In pressure (barg)	墨水粘度范围 (cps) In viscosity range(cps)	系统兼容格式 Compatible format	电源 Power supply
LA-GH1610(TT)-AT-SCCD	1500×700	5500W 高压风机 55 W high pressure exhauster	不锈钢 陶瓷 (喷嘴) Stainless steel Ceramic (nozzle)	0.2mm	2700×2655×2330	600kg	7500W	0.1~0.5	0~3000	Windows 7/8/10 DXF , PLT , AI , CDR	380VAC/16A, 50Hz or 60Hz
LA-GH1610-AT-SCCD	1600×600				2700×2655×2330	550kg					

注:整机功率(含水箱+风机+吹气机),带*号则为不含。 Gross power(including chiller+air compressor+exhauster), while which marked with a * do not include.

产品型号对照表 MODEL COMPARISON TABLE

系列 Series	型号 Model	激光功率 Laser power	加工面积 Processing area(mm)	整机功率 Gross Power
XXP5	XXP5-600-AW	≤600W	1350×1350	≈10000W
	XXP5-600-2D	≤600W	1200×1200	≈9000W
	XXP5-600-3D	≤600W	2D:1200×1200 3D:1500×1200	≈17950W
XXP4	XXP4-180 (320)	≤180W (320W)	400×400 /600×600 / 800×800 / 1000×1000	≈5200W (≈8540W)
XXP3	XXXP3-180	≤180W	300×300/400×400/500×500/600×600/ 600×1200	≈5500W
	XXP3.2-180-CCD	≤320W	300×300/400×400/500×500/600×600	≈5500W
	XXP3-250	≤250W	300×300/400×400/500×500/600×600	≈6800W
	XXP3-250-3DS	≤250W	300×300/400×400/500×500/600×600	≈5500W
	XXXP3.1-250N	≤320W	400×400/600×600	≈6800W
	XXP3-180-HK (250-HK)	≤180W (250W)	300×350	≈5900W (≈7800W)
XXP3S	XXP3S-180-AF	≤180W	300×300/400×400/500×500/600×600	≈7300W
	XXP3S-320	≤320W	大(Feeding Area):1600×400 小(Fix Area):300×300 / 400×400 / 500×500	≈12170W
V	GH1610T-AT	≤90W	1600×1000	≈3000W
	GH1810T-AT	≤90W	1800×1000	≈3000W
	GN1080-AT-CCD	≤90W	830×580	≈1600W
	GH1610T-AT-CCD	≤90W	1600×900 1400×900	≈3000W
	GH1810T-AT-CCD	≤90W	1800×900 1650×900	≈3000W
	GH1610T-AT-SCCD	≤90W	1600×1000	≈3000W
	GH1810T-AT-SCCD	≤90W	1800×1000	≈3000W
	GH1812T-AT-HD-SCCD	≤105W	1800×1200	≈3000W
	GH1610T-P	≤90W	1600×1000	≈3000W
	GH1810T-P	≤90W	1800×1000	≈3000W
	V8-PLUS/V8-SCCD	≤130W	1600×600	≈5500W
	V10-SCCD	≤130W	1580×600	≈5500W
S	S30(I)	≤30W	850×570	≈1800W
	S60(I)	≤60W	850×600 (830×580)	≈2800W
	S80(I)	≤80W	850×570	≈1600W
	FB02CCD	≤90W	750×580	≈1500W
	FB02CCD-30I (60I)	≤30W (60W)	750×580	≈1800W (≈2800W)
CCD	GN640CCD	≤70W	540×410	≈1100W
	GN1080CCD	≤80W	850×600	≈1600W
	GN1081SCCD/5.0	≤120W	850×600	≈1600W
	GNM1081CCD	≤90W	830×580×2	≈1600W
	GH1260CCD	≤80W	1140×520	≈1200W
	GN1080CCD-AT	≤90W	830×580	≈1600W
	GN1081TT-CCD	≤110W	650×380	≈1800W
GB	GB30A	≤30W	140×140(标配)	≈1630W
	GB60A	≤60W	175×175	≈2530W
	GB60A-XYP	≤60W	300×500	≈2880W
	GB60A-AT	≤60W	175×无限长(unlimited)	≈2880W
	GB60A-XYP-AT	≤60W	175×无限长(unlimited)	≈2880W
	GB60A-XYP-AT-CCD	≤60W	175×无限长(unlimited)	≈2880W
GH	GH750	≤70W	700×500	≈1100W
	GH960(T)	≤90W	900×600	≈1600W
	GH1260(T)	≤70W	1200×600	≈1200W
	GHM1260(T)	≤70W	1200×600×2	≈1600W
	GH1390(T)	≤90W	1300×900	≈2000W
	GH1410(T)	≤90W	1400×1000	≈2000W
	GH1480(T)	≤90W	1400×800	≈2000W
	GH1610(T)	≤90W	1600×1000	≈3000W
	GH1810(T)	≤90W	1800×1000	≈3000W
DP	DP-GN1280	≤90W	1085X630	≈2000W
	GN1280-DP-SG	≤90W	1085X630	≈2400W
	VC9-1612-SCCD-DP	N/A	1600X1200	≈9800W
	DP-GN1280TT-AT-SCCD	N/A	1000X750	≈10000W
B	B60	≤60W	65×65	≈1980W*
	B100	≤100W	65×65	≈3500W*

注:整机功率(含水箱+风机+吹气机),带*号则为不含。 Gross power(including chiller+air compressor+exhauster), while which marked with a * do not include.