

# AI 驱动 智造4.0<sup>•</sup>

AI DRIVEN, INTELLIGENT MANUFACTURING 4.0

# 关于我们

About GBOS



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.

**2005**

成立于  
Since

**4500W**

注册资本  
Registered Funds

**200+**

团队规模  
Team Scale

**90+**

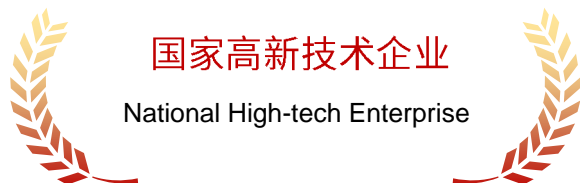
国外服务网点  
Foreign Service Offices

**870145**

股票代码  
Stock code

**20+**

国内服务网点  
Domestic Service Offices



# 关于我们

About GBOS

**gbos** 切入未来  
Cutting Edge for Tomorrow

## 光博士总部研发营运中心，2025年正式投产运营

GBOS Headquarters R&D operation center put into operation in 2025





# 关于我们

About GBOS



**140+** 专利证书  
Patents



**40000+ m<sup>2</sup>**

生产面积  
Production area

**190+**

标准规范  
Standard specification

**30K**

全球用户  
Global User

**5+**

国际认证标准  
SGS/CE/ISO/FDA/BV

**30+**

研发人员  
R & D Personnel

**2000+**

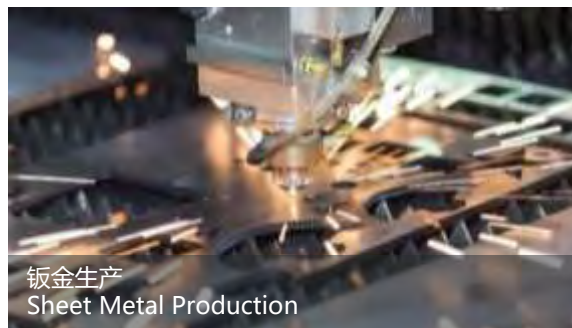
应用解决方案  
Application solutions

**150+**

激光&震动刀型号产品  
Laser, Knife cutter,  
glue,  
spray, line mark, robot

高效一体化流程，打造高品质设备，稳步往“智慧工厂”迈进

Efficient integrated processes, building high-quality equipment, and steadily moving towards a 'Smart Manufacturing Plant'.





# 企业理念：赋能用户实现ESG

Sustainable Services

## 20 years mechanical service life

Protecting Earth's finite resources  
and achieving carbon neutrality goals.

### 机器使用寿命20年

保护地球有限的资源  
及实现碳中和目标

## Material savings

节省材料

## Molds saving

节省治具

## Streamlined process

Reduce processes,  
minimize carbon footprint.

### 节省流程

减少碳足迹

## Energy savings

省电

# ESG

# 企业理念：践行企业自身对ESG社会责任

Corporate Philosophy: Practicing Corporate Social Responsibility for ESG



**光博士慈善基金**  
GBOS CHARITY FOUNDATION

**成立于2015年**  
Established in 2015

您购买每一台光博士产品，都有50-1000元不等捐入慈善事业！

With every GBOS machine your purchase, we will donate 50RMB - 1000RMB to charity!

## 献出爱心 · 推进企业的ESG实践

Caring For Love · Promoting Corporate ESG Practices

每年不定期走访：惠州龙门县、河源南山村、贵州公益助学行、榕江格隆等地公益行服务，支持儿童数百名。

Unscheduled visits every year: Hundreds of children in Huizhou Longmen County, Heyuan Nanshan Village, Guizhou Public Welfare School, and Rongjiang Gelong Charity Service.



以数字化切割系统，激光设备，自动化&非标自动化为多元产品线，推动精益生产、实现智能化、减少人工、杜绝浪费、提升生产效益。

With digital cutting systems, laser equipment, automation & non-standard automation as diversified product lines, we promote lean production, realize intelligence, reduce labor, eliminate waste, and improve production efficiency.



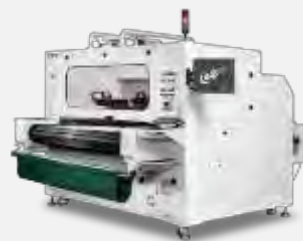
刀片切割事业部  
Knife Cutter  
Division



震动刀切割系统  
Knife Cutting System



激光切割事业部  
Laser Cutter  
Division



激光切割系统  
Laser Cutting systems



自动化事业部  
Automation  
Division



激光打标系统  
Laser Marking System



自动化  
Automation System



机器人激光系统  
Robot + Laser System



PUR无缝点胶切割系统  
PUR Seamless Glue  
Dispensing & Cutting System



智能喷（划、印）线系统  
Intelligent Line  
Drawing/Printing System



# 30+ 标准化功能模组

30+ Standardized Functional Modules

投影定位  
Projector positioning

智能配双  
Intelligent pairing

自动送料  
Automatic feeding

自动寻边  
Contour cutting

自动计数  
Auto-calculating

红光定位  
Red light position

智能超长排版  
Auto-nesting smart & wide

特征轮廓提取  
Feature outline extraction

超长连续切割  
Super-long continuous cutting

高速切割系统  
High-speed cutting system















从模块到系统,  
全方位定制您的精益智造4.0

From Modules To Systems  
Customized For Your Lean Manufacturing 4.0













视觉识别模组  
VisionScan module

智能省料排版  
Intelligent nesting for waste saving

烟雾净化处理  
Smoke purification device

打微孔  
Micro holes cutting

电动震动刀  
Electric oscillating knife

气动震动刀  
Pneumatic oscillating knife

冲孔装置  
Punching device

多层切割  
Multi layer cutting

多头切割  
Multi-head cutting head

画笔  
Marking pen

抄板  
Patterns copying



制鞋行业  
Footwear



服装行业  
Garment



汽车内饰行业  
Car interior



皮革行业  
Leather



内衣行业  
Lingerie



电子行业  
Electronics



商标行业  
Accessories



手袋箱包行业  
Bags



广告标识行业  
Sign industry



玩具行业  
Toy



包装印刷行业  
Printing



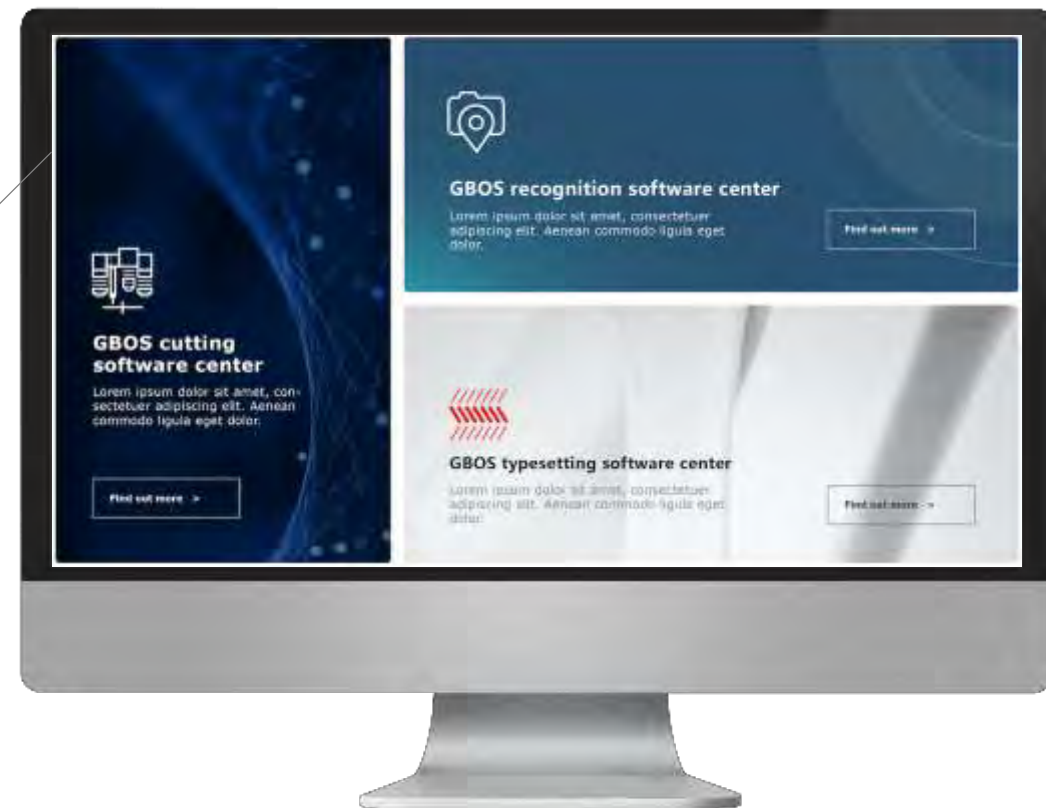
牛仔洗水行业  
Denim Dry process

# 软件开发

Software Development

✓ 云, 大数据, 物联网, 人工智能...  
Cloud, big data, IoT, artificial intelligence...

✓ 定制开发  
Custom-made Software Development



\*软件著作权登记号(Software copyright registration number): 2022SR1420815、2022SR0673388、2021SR1315738、2019SR0672651、2019SR0665785、2017SR573204



GREEN PIONEER绿先锋





S-Denim 6.0

绿色智造 绿创未来  
Green Intelligent Manufacturing,  
Creating Green Future



洗水工艺一键呵成  
One key washing process done in one go



破洞  
DAMAGE



吊磨  
GRINDING



马骝  
PP SPRAY



猫须  
WHISKER



全印花  
FULL PRINTING







# AI 真皮智能排版系统

AI Intelligent Leather Nesting System



**用尽每一寸可用的皮料**  
Cut Every Inch Of Usable Leather

**自主代码**  
Autonomous code

新架构排版速度**提升50%**  
50% faster typesetting with new rule

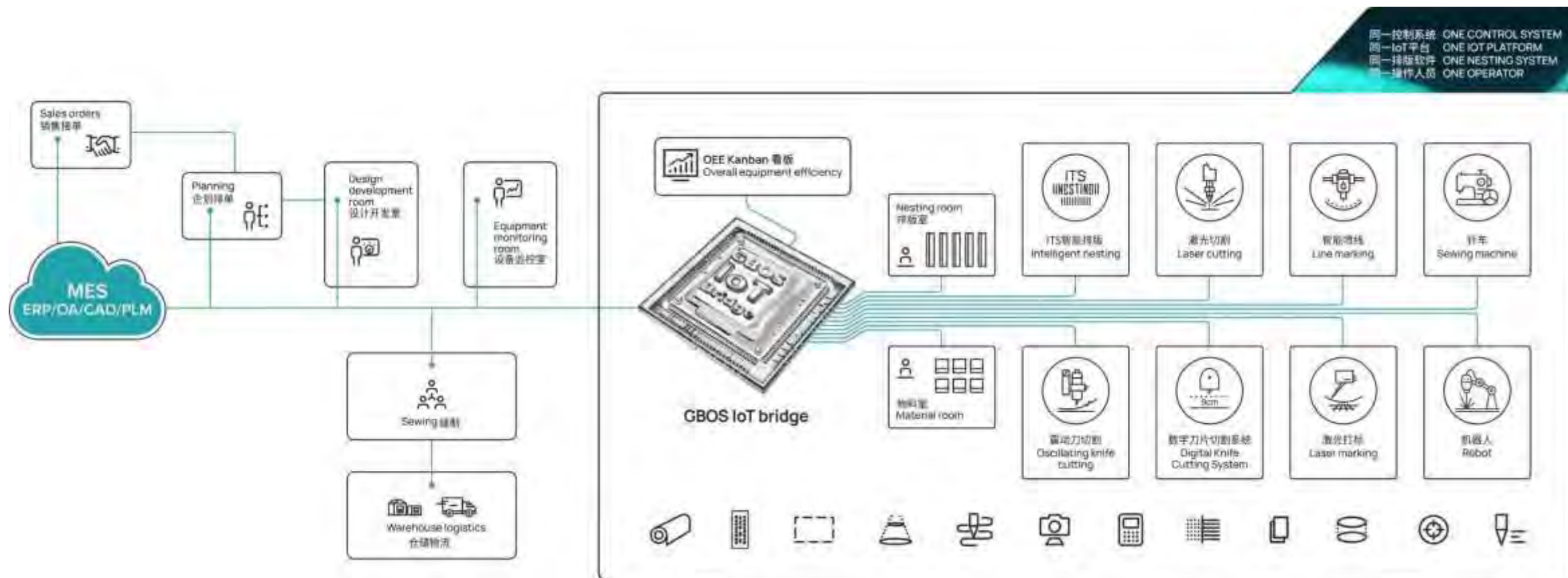
利用率**高2-10%**  
2-10% higher utilization rate



## IoT Bridge

同一IoT平台，同时兼容数字化切割系统、激光系统、划线机等。

Same IoT platform, At the same time, it is compatible with digital cutting system, laser system, marking machine, etc.



# IoT 物联网

IoT Bridge

定义标准，开放共赢，为智能制造4.0赋能

Define standards, open up for win-win, and empower Industry 4.0



## IoT 功能项 Functional item

综合效率  
Combined efficiency

生产信息  
Production Information

设备状态  
device status

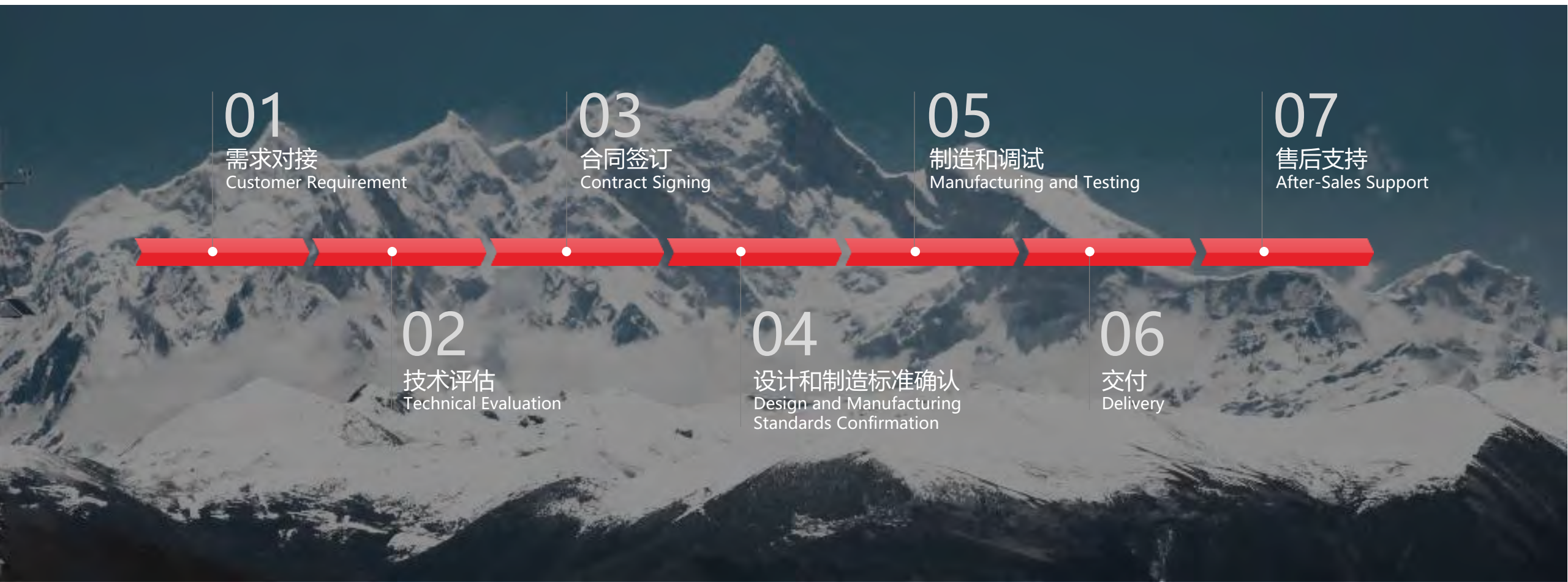
设备使用明细  
breakdown of usage

TPM  
TPM

查询/帮助  
Enquiry/Help

# 客制化（非标、OEM）-合作流程

Customized (Non-standard equipment and OEM) - Cooperation Process





# 持续性服务-持续创新&研发投入

Continuous Service - Continuous Innovation & R&D Investment

3+

软件组工程师组成:

数学几何、视觉工程师、IoT算法

The software group consists of engineers:  
Math Geometry, Vision Engineers, IoT  
Algorithms

3+

团队由软件、自动化、  
裁断三个组组成

The team consists of three groups:  
Software, Automation, and Cutting

30+

团队规模  
Team Size

1000W+

研发投入预算  
R&D investment  
budget



# 持续性服务：效果评估与持续改进

Continuous Service: Impact Assessment and Continuous Improvement

## ME改善部、研发中心

与全球知名品牌以及高校进行产学研合作, 结合客户需求进行改善研发和定制开发, 并对改善和研发成果进行规模输出。

ME Improvement Department and R&D Center cooperate with global famous brands and universities to improve and develop customized products according to customers' needs. The improvement and R&D results are also exported on a large scale.



# 光博士全球化运营中心

GBOS Global Operation Center

## 光博士中国

### GBOS China

- 光博士研发、制造总部 (HQ)  
GBOS R&D center / Production base (HQ)
- 光博士江西生产基地 (GCJ)  
GBOS Production Base (GCJ)
- 光博士福建办事处 (GCF) ★★★★★  
GBOS FUJIAN (GCF)
- 光博士温州办事处 (GCW) ★★★★★  
GBOS WENZHOU (GCW)

## 光博士全球

### GBOS Global

- 印尼办事处(井里汶GGI、雅加达GGIN) ★★★★★  
Indonesia Office (GGI Cirebon, GGIN Jakarta)
- 越南办事处(南越GGV、北越GGVI) ★★★★★  
Vietnam Office (GGV South Vietnam, GGVI North Vietnam)
- 孟加拉办事处 (GGB) ★★★★★  
Bangladesh Office (GGB)
- 柬埔寨办事处 (GGC) ★★★★★  
Cambodia Office (GGC)





# 合作品牌

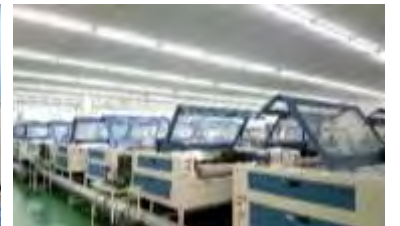
Cooperative Brands



部分合作品牌展示，位置和排名仅供示意。  
Some of the partner brands are shown, the position and ranking are for illustration only.

# 合作案例

Cooperation Cases



## 数字裁剪中心 Digital Cutting Center

数字化切割系统 | 激光设备 | 非标自动化  
Digital Cutting System Laser &  
Automation





## 产品 OFFERINGS

- ✓ 数字化  
Digitization
- ✓ 智能化  
Intelligent
- ✓ 客制化  
Customized



## 运营 OPERATIONS

- ✓ 全球化  
Globalization



## 制造 FABRICATION

- ✓ 标准化  
Standardized
- ✓ 规模化  
Scale



Cutting Edge for Tomorrow

切入未来



LEAN INTELLIGENT MANUFACTURING  
精益智造 4.0

**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.

中国、港澳台地区及全球华语客户

Chinese, Hong Kong, Macao, Taiwan regions &  
Global Chinese clients

☎ +86-769-89972888    ✉ chn@gboslaser.com

海外客户

Overseas Market

☎ +86-769-88990609    ✉ gbos@gboslaser.com