

Product Lines

Key Component

Solid lasers, gas lasers, ultra-fast lasers and components



Lock-mode fiber fs/ps seed source
Nanosecond Solid Laser
Picosecond Solid Laser
Festo-second fiber laser
Ana second fiber laser



Digital continuous laser power
Pulsed laser power
Continuous laser power
Combination of linear motors
Linear motor X-Y platform



Product Lines

Laser precision equipment

Welding/Marking/PCB light smart/brittle material light blade/automation/new energy



Fiber laser marking series



End pump marking series



CO2 series



Flying marking series

◀ Marking



Nano second series



Semiconductor series



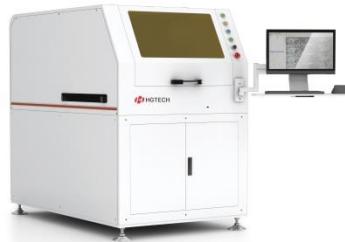
QCW series

◀ Welding

Product Lines

Laser precision equipment

Welding/Marking/PCB light smart/brittle material light blade/automation/new energy



PCBA Marking



Light-smart ultra-fast cutting machine

◀ Light smart



Light blade
brittle material cutting

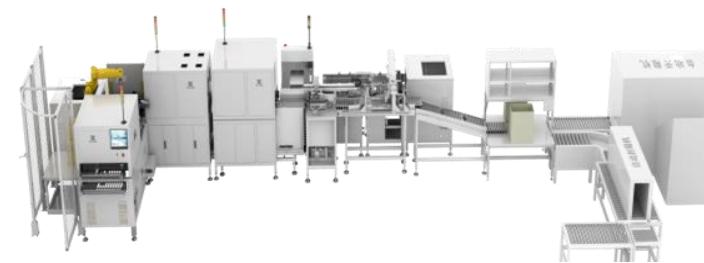


Light blade cracker

◀ Light blade



◀ New energy



◀ Automation

Product Lines

Intelligent Equipment Business Group

HIGH POWER LASER CUTTING



MARVEL/DF series



LT/TP series



Sheet Metal
Auto Storage System

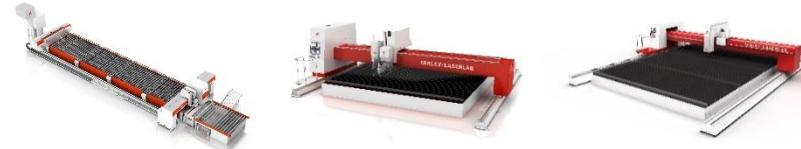


GF plus series



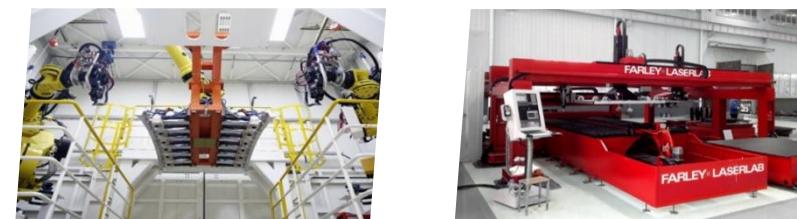
AUTOBOT/SF series

PLASMA CUTTING



- TRIDENT PLUS
- HALBERD
- TRIDENT
- APOLLO

HIGH RATE LASER WELDING



- Car white body
- Auto parts industry
- Pressure vessel industry
- Kitchen & Bath industry
- Military research

Technology Innovation

Technology and products serve important areas of the national economy



3C Electronics

Britten material cutting, metal/non-metal marking, welding, cutting, punching, soldering, coating removal



Automotive

Parts, body welding, 3D cutting, automotive electronics



Daily consumer

Flight markings, phase III markings, punching



Sheet metal processing

Engine blade punching, aircraft fuselage welding, gyroscope, rail transit laser



Medical

Minimally invasive intervention device marking, pacemaker/tube clamp welding



Rail transportation

Laser nanomaterial preparation, thin-film semiconductor material preparation, 3D cutting, laser thick plate cutting, missile shell welding, marine sandwich board welding



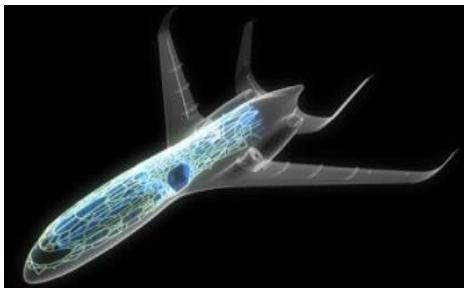
New Energy

Force battery welding, extreme ear cutting, aluminum shell battery cover automatic production line, battery side sealing nail automatic welding wire



Military

Agricultural machinery cutting, pipe cutting, laser welding



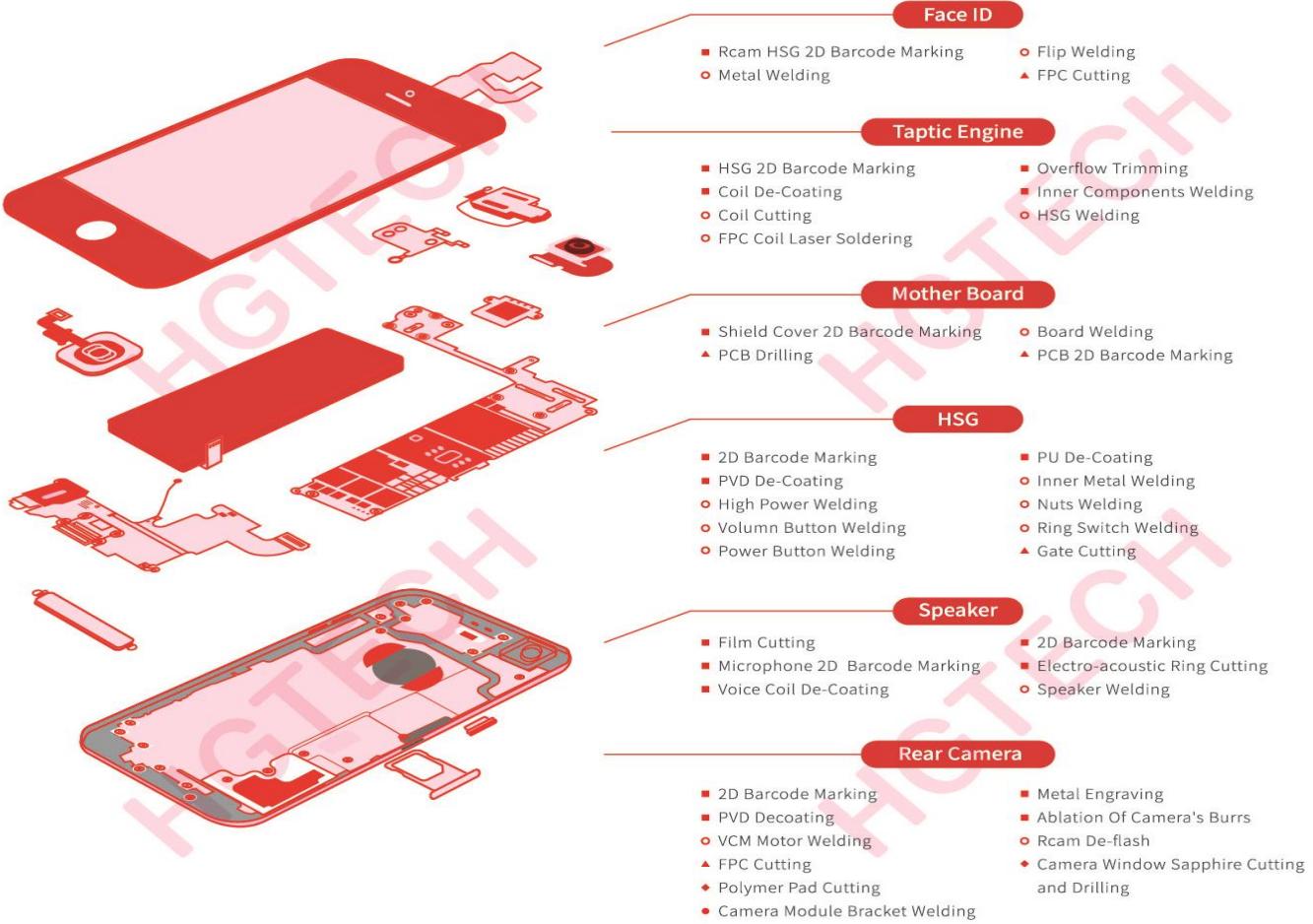
Technology Innovation



3C Electronics Industry

- Display**
 - Laser Marking
 - CG 2D Barcode Marking
 - ▲ Film Cutting
 - ▲ TouchSensor Foil Cutting
 - ◆ ELA
 - ◆ PAD Cutting
 - ◆ Glass Welding
 - LDI
 - Ink Ablation
 - ▲ Metal Cutting
 - ▲ Explosion-Proof Film Cutting
 - ◆ Glass Cutting
 - ◆ Laser Repair
 - ◆ Laser Lift-off
- Antena**
 - Antena Welding
 - ▲ LCP Laser Drilling
 - ▲ LCP Laser Cutting
- Battery**
 - Laser Cleaning
 - Pole Welding
 - ▲ Pole Sheet Cutting
 - Metal Grooving
 - Tab Welding
 - ▲ Metal Cutting
- Wireless Charge**
 - Wire Stripping
 - Wire Cutting
 - Nanocrystalline Cutting
 - Laser Soldering
 - Magnet Sheet Cutting
 - Ink Ablation
 - Burrs Ablation
 - ▲ FPC Cutting
- Accessory**
 - Charger Marking
 - Charger Welding
 - PCB 2D Laser Etching
 - Auto Artwork Laser Marking
 - Hipot Testing
 - Cable Marking
 - Cable Lightning Welding
 - Auto SN-Programming
 - Auto Marking Inspection
 - FilmWrapping & Packing

Smart phone solutions: mobile phone, laptop, wearable device



■ Marking ○ Welding ▲ Cutting ◆ Micromachining ● Automation

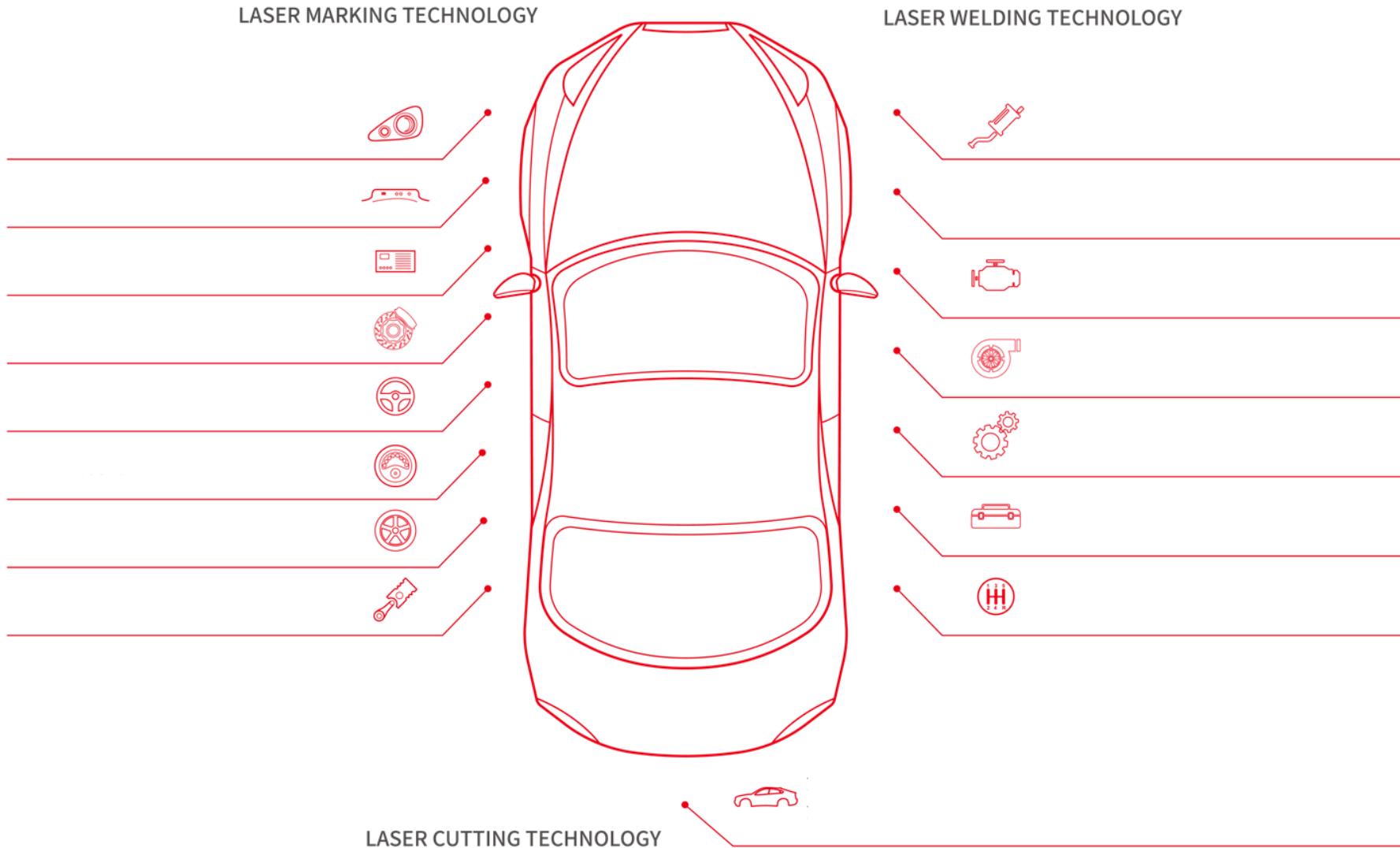
Technology Innovation



AUTO Industry

By Project of “**High Quality and Efficient Laser welding on Auto Industry**”

HGLASER won the "National Science and Technology Progress First Prize"



Technology Innovation



Consumer Goods Industry

Food And Medical Traceability, Automatic Flying Marking, 3D Marking, Drilling.



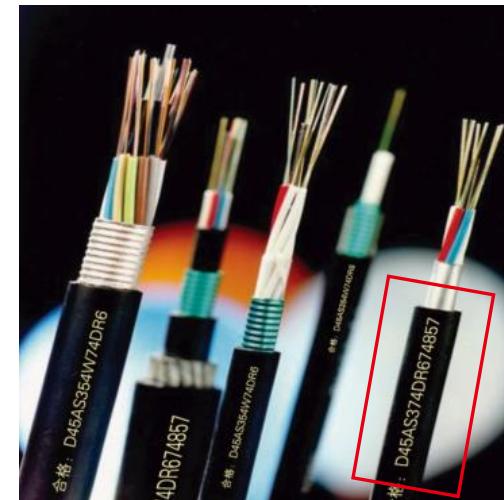
Three level marking

Food And Medical



2D code marking

Milk Powder, Beverage



Long text marking

Building Materials



Drilling on-line

Others

Technology Innovation



Healthcare Industry

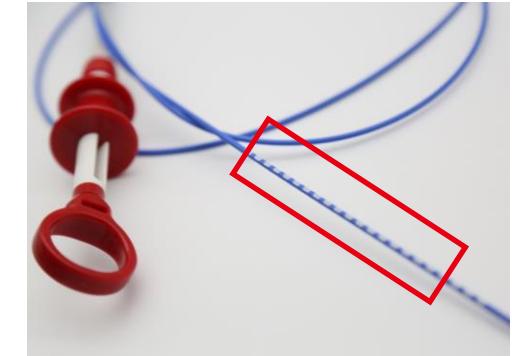
Used In Minimally Invasive Interventional Surgical Instruments, Medical Implants, In Vitro Diagnostic Instruments, Surgical Tools, Disposable Supplies, And Packaging.

Preferred Tool

For Medical Device Processing

Process Feature

- Un-Contact
- Pollution Free
- High Precision
- Good Effect
- Security
- Permanent



Needle Laser Marking

Metal Plate

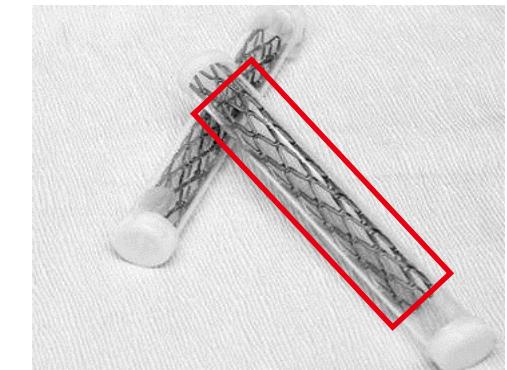
Minimally Invasive Surgical Instrument Mark Line



Laser Welding Of Medical Biopsy Forceps



Pacemaker Welding



Coronary Artery Setnets Cutting

Technology Innovation

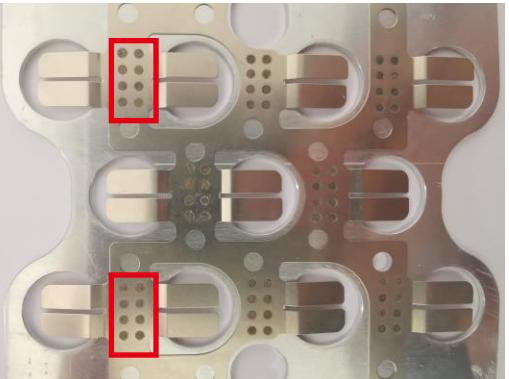


New Energy Industry

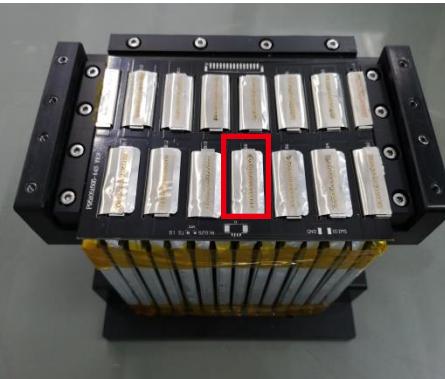
Explosion-Proof Valve Welding, Flip Piece Welding, Spine Welding, Pack Module Welding, Liquid Injection Port Cleaning, Liquid Injection Port Welding, Pole Ear Soft Connection Welding, Sealing Nail Welding, Busbar Welding



▲
Square Aluminum Case Battery
The Battery Sealing



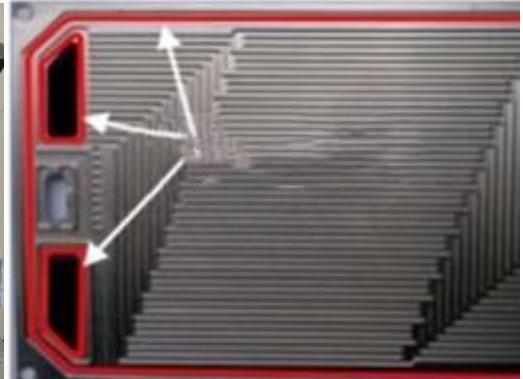
▲
Cylindrical Battery Module
Bus Spot Welding



▲
Soft Pack Battery Module
The Battery Welding



▲
Square Aluminum Case Battery
Bus Spot Welding



▲
Seal welding of Hydrogen Fuel
Bipolar Plate

Technology Innovation



Sheet Metal Processing Industry

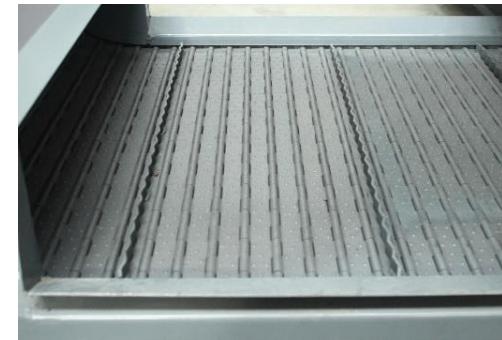
Sheet Metal Cutting, Agricultural Mechanical Cutting, Tube cutting,Laser welding



▲
Sheet Metal Welding By Hand-Held
Welding Machine



▲
High Power Laser Cutting



▲
FMSR Flexible
Production Line Cutting

Technology Innovation



Rail Transit Industry

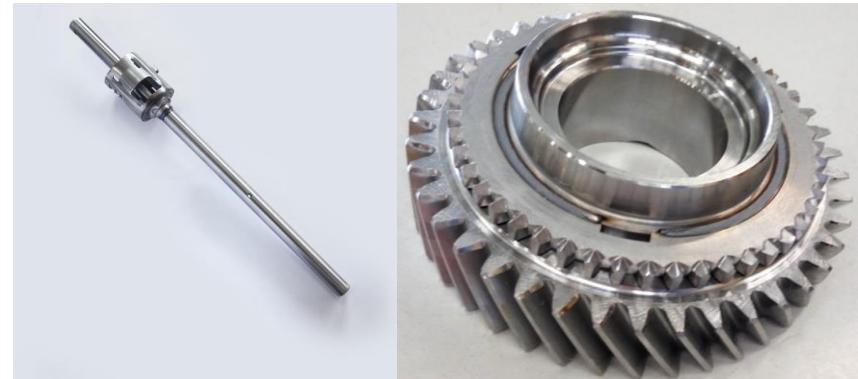
Engine blade drilling, aircraft fuselage welding, gyroscope, rail transit laser remanufacturing, ship plate Laser cutting and welding



Thin Sheet Cutting



Pipe Cutting



Fully Automatic Welding For Auto Parts

Technology Innovation



Military Industry

Laser Nanomaterial Preparation, Thin Film Semiconductor Material Preparation, 3D Cutting ,
High thickness Plate Cutting, Missile Shell Welding , Marine Sandwich Board Welding.



Military Parts Cutting



3D 5-Axis Laser Cutting



Intelligent Factory

Customized Automation Product

for Higher Glory in manufacturing



Intelligent Real-Time Monitoring



for Higher Glory in manufacturing

LASER SOLUTIONS

CUTTING



WELDING



INTELLIGENT FACTORY



AUTOMATION



LASER CUTTING SYSTEM

HIGH POWER

Control the core
competitiveness

<https://youtu.be/3bNBmQJGEx0>



LASER CUTTING SYSTEM

MIDDLE POWER

Beyond expectations

<https://youtu.be/hDQ2mAGbxe8>

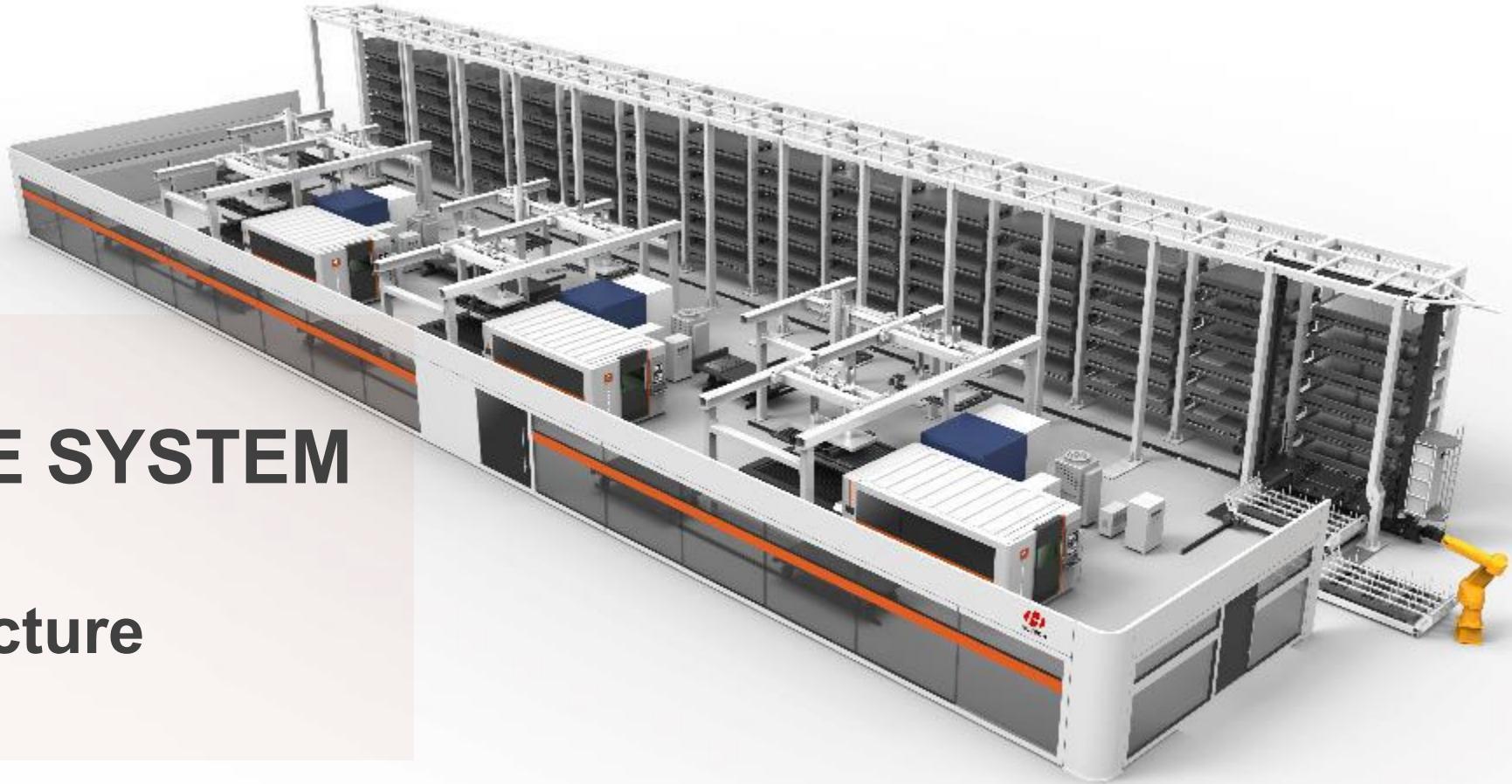


LASER CUTTING SYSTEM

SHEET METAL AUTO STORAGE SYSTEM

Intelligent manufacture

<https://youtu.be/W5OcWTm701U>



LASER CUTTING SYSTEM

TUBE CUTTING

Automatic&Efficient

<https://youtu.be/AabGR8xJP9g>



LASER CUTTING SYSTEM

5 AXIS 3D CUTTING SYSTEM

Superior strength

<https://youtu.be/CITuMELBxUc>



LASER WELDING SYSTEM

LASER AUTO WELDING SYSTEM

Lean production

<https://www.youtube.com/watch?v=rwFyJVebeo>



AUTOMOTIVE AUTOMATION PRODUCT LINE

AUTOMOBILE LASER WELDING EQUIPMENT

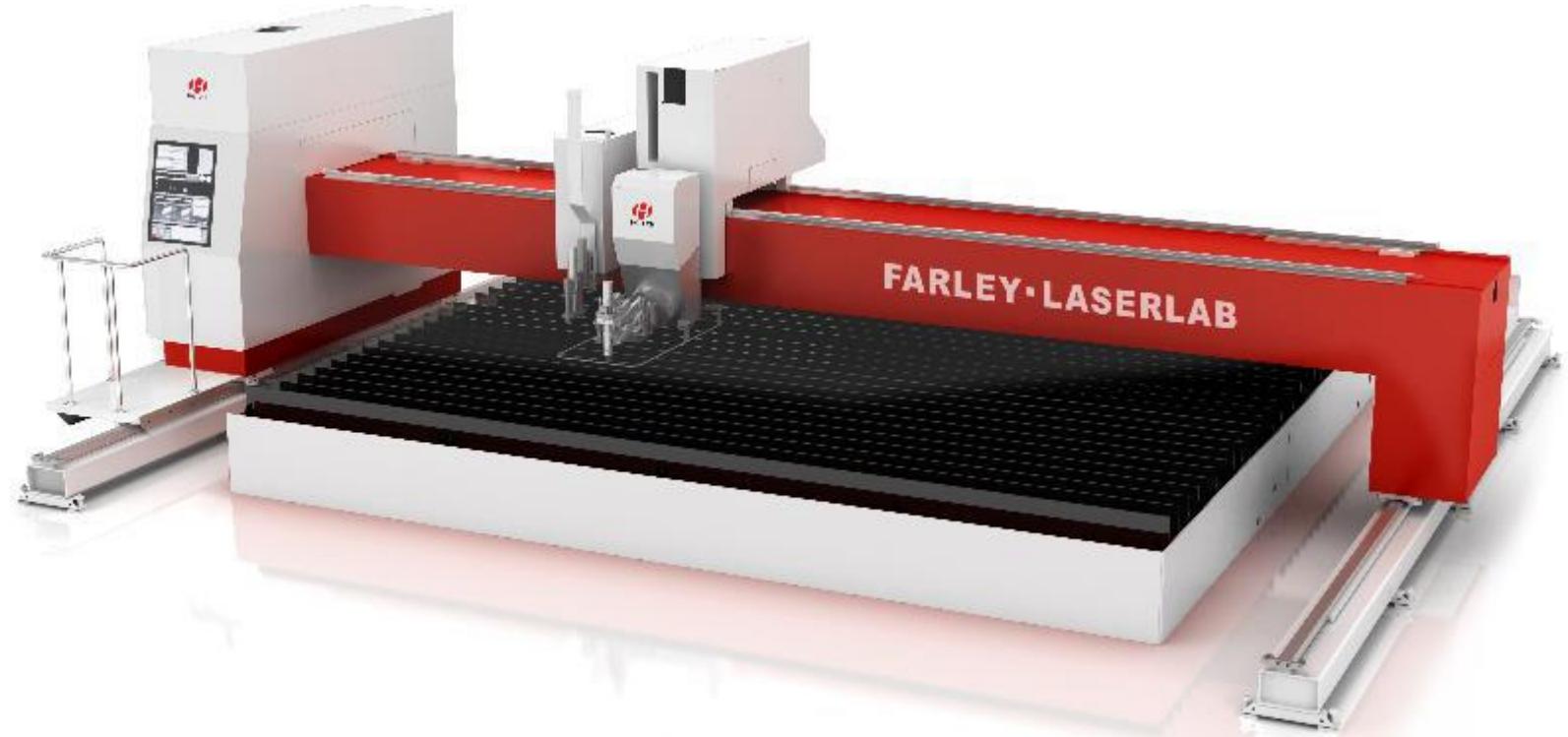
No.1 Market share in China



PLASMA CUTTING SYSTEM

**PLASMA
COMPOSITE
PROCESSING**

World-class



INTELLIGENT FACTORY

**INTELLIGENT
FACTORY**

Industrial 2.0



THANK YOU

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