

PDKJ , MAKE METAL WELDING EASY FOR THE WORLD



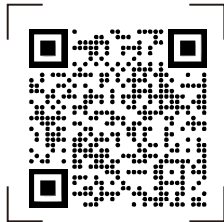
SPOT WELDER LASER WELDER
WELDING ROBOT



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ABOUT US



Company profile

Guangdong Pudian Automation Technology Co.,Ltd(PDKJ) , established in 2006, is a professional supplier of welding automation equipment solutions. With decades of progressive development, the company has cultivated a team of experienced and innovative engineers with profound expertise in R&D, design, and manufacturing technologies. It has also trained a highly skilled technical service team that excels in pre-sales, in-process, and post-sales support. The company has built one of the industry's largest R&D and production bases, and established a postdoctoral research workstation. PDKJ maintains leading technological advantages in both resistance welding and laser welding fields.



The company has obtained the ISO9001 quality management system certification and established a company-wide quality assurance system, leading to continuous improvement in product quality. The company's products have obtained multiple national 3C certifications, EU CE certification and North American CSA safety certification. The company is dedicated to delivering professional and meticulous integrated welding automation solutions and services for clients. As a nationally recognized high-tech enterprise and provincial specialized & innovative entity, our company has currently been granted over 90 national patents. Our core welding technologies have filled critical technological gaps in both domestic and international markets, generating substantial socio-economic benefits through their widespread application.



Company profile

The world's top 500 customers list: Tesla, BYD, Ningde Times, Apple, Huawei, Philips, Samsung, Hitachi, Mitsubishi, Sanyo, ABB, Schneider, Siemens, TDK, Panasonic, SONY, HP, Dell, Lenovo, Quanta Computer, Midea, Haier, Ericsson, LG, Fujitsu, Thyssenkrupp, Boeing, Airbus, Bosch, Toshiba, Daimler, Mercedes-Benz, BMW, Volkswagen, Honda, Toyota, Nissan, Mazda, General Motors, Ford, Suzuki, Hyundai, Guangzhou Automobile(GAC), Shanghai Automobile(SAIC Motor), Beijing Automobile(BAIC Group), Geely, Dongfeng, Chery, Xiaomi, Foxconn, Flex, Air China, CRRC, State Grid, China National Building Material Group (CNBM), etc.



Domestic well-known clients mainly include: Li Auto, XPeng, Desay, Sokon, SERES, FinDreams, TCL, Skyworth, Gree, Hisense, Changhong, Vatti, Galanz, East, TP-Link, Xiangxin Technology, Sunwoda, Guangdong Changying, Kodali, Jingquanhua, Kaizhong, Shenglan Goldsmith, Weitai, Microvast, Lyric, United Winners, Amphenol, TANK, Jiali Group, KFM, KTK HOLDING, Deye Group, XJ Electric, China Railway, Sinosteel, Sany Heavy Industry, Fuhu Heavy Industry, Anhui Keda, Hopewind Electric, Zhongheng Electric, Baiyun Electric, Chuan Yi Automation, Tongda Automobile, Wanbao, Haima, Haihong, Kaite, Farada, Zhilai Tech, David, Haozhi, Lesso, Conghua sheet metal, ACE Manufacturing, Ningbo Wanjin, EVA, Hongxun Elevator, Dingtong, Delta, Yidong Electronics, Yangtian, Logan, TE Connectivity, Galaxy Electronics, Yijia, Arrow Home, Tutti, Xinda Clover, JINFENG, LUOBINSEN and so on.

Certificate of honor



Why PDKJ



Factory environment

PDKJ Spot welder



Production workshop

office

8000 m²
R&D production base

5000
Productive capacity

The modern R&D production base, equipped with high-precision advanced production and processing equipment, and a professional welding testing laboratory, implementing strict quality management standards. Annually delivering over 5000 sets of high-quality resistance welding machines and laser welding machines. All products of Pudian (PDKJ) have been certified for export from Europe and America and are sold worldwide.



01 National level high-tech enterprise, 90+ intellectual property rights and invention patents, ISO9001, CCC, CE, FC, CSA etc.



02 With modern production workshops and high-precision CNC equipment, achieve batch production of welding machines. The efficient production processes ensuring provide timely delivery services.



03 Our expert R&D team has served 9,000+ clients worldwide with welding solutions, offering free consultations, sample welding, and lifetime machine tracking to ensure optimal performance.



04 With comprehensive customer service system and rapid response service mechanism, offering one-stop services of pre-sales, in sales, and after-sales welding consulting and technical support.

Intermediate Frequency Inverter DC Spot (Convex) Welder

Specifications



Features: Energy-saving; Power-efficient; High-efficiency; Low operating costs; Superior welding quality.

Application: Specifically designed for welding metal materials including aluminum, copper, galvanized steel sheets, carbon steel, nickel, and tungsten, as well as high-temperature enameled wire flexible connections and inductor coils. Widely applied in metal product welding across industries such as automotive and auto parts manufacturing, new energy power batteries, optoelectronic communications, light sources, motors, hardware, furniture, and kitchenware.

Parameter	DTB-80	DTB-160	DTB-240
Rated capacity	80kVA	160kVA	240kVA
Input power	3 Φ 380V	3 Φ 380V	3 Φ 380V
Max. short circuit current	25kA	35kA	50kA
Load duration rate	20%	20%	20%
Inverter frequency	1000Hz	1000Hz	1000Hz
Arm extension size	500×250mm	500×250mm	500×350mm
Max. pressure	6000N	6000N	12000N
Electrode stroke	80mm	80mm	100mm
Cooling water flow	12L/min	12L/min	14L/min
Welding capacity / Aluminum	2.0+2.0mm	2.5+2.5mm	3.0+3.0mm
Welding capacity / Carbon steel	2.5+2.5mm	3.0+3.0mm	4.0+4.0mm
Electrode arm size	Φ 59x173 mm	Φ 59x173 mm	Φ 74x195 mm
Electrode holder size	Φ 24.6x180 mm	Φ 24.6x180 mm	Φ 31.6x250 mm
Electrode head size	Φ 16x50 mm	Φ 16x50 mm	Φ 20x60 mm
Net weight/Packing weight	336kg/392kg	384kg/440kg	733kg/809kg
Overall dimension	1180×750×1830mm	1180×750×1830mm	1200×870×2070mm
Packing size	1230×790×1950mm	1230×790×1950mm	1390×1040×2210mm

Powerful DC Spot Welder

Specifications



Features: Balanced three-phase power input; Low-grid-impact DC output; Energy-efficient operation; Stable current control; High-quality welding performance.

Application: Specifically designed for welding metal materials including aluminum, copper, galvanized steel sheets, carbon steel, nickel, and tungsten, as well as high-temperature enameled wire flexible connections and inductor coils. Widely applied in metal product welding across industries such as automotive and auto parts manufacturing, new energy power batteries, optoelectronic communications, light sources, motors, hardware, furniture, and kitchenware.

Parameter	DTB-280	DTB-340	DTB-450
Rated capacity	280kVA	340kVA	450kVA
Input power	3 Φ 380V	3 Φ 380V	3 Φ 380V
Max. short circuit current	65kA	80kA	100kA
Load duration rate	20%	20%	20%
Inverter frequency	1000Hz	1000Hz	1000Hz
Arm extension size	500×350mm	500×350mm	500×350mm
Max. pressure	12000N	12000N	12000N
Electrode stroke	100mm	100mm	100mm
Cooling water flow	14L/min	16L/min	20L/min
Welding capacity / Aluminum	3.5+3.5mm	4.0+4.0mm	5.0+5.0mm
Welding capacity / Carbon steel	4.5+4.5mm	5.0+5.0mm	6.0+6.0mm
Electrode arm size	Φ 74x195 mm	Φ 74x195 mm	Φ 74x195 mm
Electrode holder size	Φ 31.6x250 mm	Φ 31.6x250 mm	Φ 31.6x250 mm
Electrode head size	Φ 20x60 mm	Φ 20x60 mm	Φ 20x60 mm
Net weight/Packing weight	820kg/896kg	900kg/976kg	980kg/1056kg
Overall dimension	1200×870×2070mm	1200×870×2070mm	1200×870×2070mm
Packing size	1390×1040×2210mm	1390×1040×2210mm	1390×1040×2210mm

Desktop Precision DC Spot Welder



Features: Bench-type design with space-saving configuration; Low current operation with enhanced control precision; Broader material compatibility compared to line-frequency precision spot welders; Superior cost-effectiveness.

Application: Specifically designed for precision welding of delicate workpieces including electrical switches, copper wire joints, terminal wires, silver contacts, chip inductors, coils, fuses, and small hardware components. Widely used in welding applications for precision components within electronics, electrical appliances, medical devices, and instrumentation industries.

Specifications

Parameter	DB-80T
Rated capacity	80kVA
Input power	3 Φ 380V
Max. short circuit current	22kA
Load duration rate	20%
Inverter frequency	1000Hz
Arm extension size	120×115mm
Max. pressure	750N
Electrode stroke	50mm
Cooling water flow	4L/min
Net weight/Packing weight	138kg/165kg
Overall dimension	800×750×650mm
Packing size	880×770×890mm

Desktop Precision AC Spot Welder



Features: Bench-type design with space-saving configuration; Low current operation with enhanced control precision; Affordable.

Application: Specifically designed for precision welding of delicate workpieces including electrical switches, copper wire joints, terminal wires, silver contacts, chip inductors, coils, fuses, and small hardware components. Widely used in welding applications for precision components within electronics, electrical appliances, medical devices, and instrumentation industries.

Specifications

Parameter	DN-25T
Rated capacity	25kVA
Input power	2 Φ 380V
Max. short circuit current	15kA
Load duration rate	20%
Inverter frequency	50/60Hz
Arm extension size	120×115mm
Max. pressure	750N
Electrode stroke	50mm
Cooling water flow	4L/min
Net weight/Packing weight	120kg/147kg
Overall dimension	810×500×680mm
Packing size	880×770×890mm

Platform Type Medium Frequency Inverter Spot Welder

Specifications



Features: The large platform can be electrically adjusted for height, facilitating workpiece support and loading/unloading operations. Equipped with a multi-joint flexible welding arm that adapts to various product orientations. Delivers minimal weld marks on the backside and high-quality weld surfaces, eliminating the need for grinding processes. An essential choice for welding large metal workpieces.

Application: Specifically designed for welding metal materials including aluminum, galvanized steel, stainlesssteel, and carbon steel. Widely used in sheet metal fabrication sectors for welding large components such as chassis/enclosures, elevator metal door panels, kitchenware, and hardware appliances.

Parameter	DB-170W
Rated capacity	170kVA
Input power	3 Φ 380V
Max. short circuit current	22kA
Load duration rate	20%
Inverter frequency	1000Hz
Arm extension size	390mm
Max. pressure	2000N
Table size	1000×800mm(Customizable as needed)
Table height	700~800mm(Height electric adjustment)
Welding capacity / Aluminum	2.0+2.0mm
Welding capacity / Carbon steel	3.0+3.0mm
Torch type	Horizontal welding torch
Net weight/Packing weight	800kg/963kg
Overall dimension	1560×1200×2340mm
Packing size	1730×1530×2430mm

Platform Type Medium Frequency Inverter Spot Welder

Specifications



Features: The large platform is electrically liftable, providing a stable operating platform for precise positioning and securing of workpieces. The "dual-torch" configuration equips the device with two welding torches, enabling either simultaneous dual-point welding or sequential welding at different locations.

Application: Specifically designed for welding metal materials including aluminum, galvanized steel, stainless steel, and carbon steel. Widely used in sheet metal fabrication sectors for welding large components such as chassis/enclosures, elevator metal door panels, kitchenware, and hardware appliances.

Parameter	DB-170W-S
Rated capacity	170kVA
Input power	3 Φ 380V
Max. short circuit current	22kA
Load duration rate	20%
Inverter frequency	1000Hz
Arm extension size	390mm/300mm
Max. pressure	2000N
Table size	800×1500mm(Customizable as needed)
Table height	750~850mm(Height electric adjustment)
Welding capacity / Aluminum	2.5+2.5mm
Welding capacity / Carbon steel	3.0+3.0mm
Torch type	Vertical & horizontal torch

Hand-held automatic multi-beam laser welding machine



Features: Simple operation with rapid welding speed delivers clean, uniform seams and minimal deformation. Offers extensive processing versatility to achieve high-efficiency, precision, and superior welding performance.

Application: Specifically engineered for welding metallic materials including aluminum, stainless steel, aluminum alloy sheets, carbon steel, galvanized steel, and electrolytic plates. Extensively utilized in manufacturing sectors such as cabinetry, kitchen systems, staircases, elevator components, industrial racks, oven assemblies, stainless steel doors/windows/railings, electrical distribution cabinets, and stainless steel household products industries.

Specifications

Parameter	LWM-1500	LWM-2000	LWM-3000
Laser power	1500W	2000W	3000W
Rated capacity	Argon/Nitrogen	Argon/Nitrogen	Argon/Nitrogen
Input power	220V	220V	380V
Automatic wire feed	Support	Support	Support
Load duration rate	A/B/C Optional	A/B/C Optional	A/B/C Optional
Laser wavelength	1064nm	1064nm	1080nm
Power consumption	2500W	3000W	4500W
Welding gap requirement	<0.5mm	<0.5mm	<0.5mm
Aiming and fixing	Infrared ray	Infrared ray	Infrared ray
Robot welding interface	700~800mm	700~800mm	700~800mm
Robot automatic welding interface	Support	Support	Support
Welding capacity / Aluminum	0.2-3.0mm	0.2-4.0mm	0.2-6.0mm
Welding capacity / Carbon steel	0.2-4.0mm	0.2-5.0mm	0.2-7.0mm
Welding capacity/stainless steel	0.2-4.0mm	0.2-5.0mm	0.2-7.0mm
Welding capability/galvanized sheet	0.2-3.0mm	0.2-4.0mm	0.2-6.0mm
Welding speed range	0-120cm/min	0-120cm/min	0-120cm/min
Net weight/Packing weight	252kg/308kg	274kg/330kg	208kg+88kg+264kg+115kg
Overall dimension	1050x750x1170mm	1050x750x1170mm	1050x750x1170+650x540x1060
Package size	1230x830x1955mm	1230x830x1955mm	1230x830x1955+740x650x1240

Robot man integrated optical fiber laser welding workstation



Features: High-precision welding ensures exceptional quality while significantly boosting production efficiency. The automated control system guarantees consistent and reliable weld integrity, coupled with a flexibly programmable workstation that adapts to diverse welding applications.

Robot Laser Welding Workstation Configuration:
6-axis robotic arm 、 Laser welding system、 Wire feeder 、
Flexible modular workbench

Laser Specifications:

- Type: Fiber-optic continuous-wave (CW) laser
- Power Range: 1500W/2000W/3000W

Applications:

Optimized for automated welding of large-scale sheet metal assemblies, geometrically complex components, high-speed seam welding, and full-penetration welding.

Optional fixtures



Intermediate Frequency Inverter DC Spot Welder



DTB-80 DTB-160 DTB-240 DTB-280 DTB-340 DTB-450

Product overview: The medium frequency inverter DC spot welding machine converts the power frequency (50Hz) AC to the medium frequency (1000Hz) DC output. The time resolution is higher than that of the power frequency, the control accuracy is also improved, and the output current is not affected by the change of the secondary output circuit. It has high thermal efficiency, large output power rate and better welding quality. Compared with the traditional power frequency welding machine, inverter medium frequency DC welding will be efficient and energy-saving. It is a technological revolution breakthrough in the field of resistance welding.

The advantages of our spot welding machine

- 1

Easy to operate

No skill training required, easy to operate, and easy to master for beginners.
- 2

Good quality

The surface of the welding spot has few oxidation and deformation, even without any marks, and the welding is firm and has good quality.
- 3

Design life 20 years

The designed service life is 20 years, and it can undergo intensive operation and aging tests exceeding 100,000 hours in industrial experiment.
- 4

Widely used

Metal cabinets, automotive components, fasteners, electronic components, instruments and meters, battery spot welding hardware spot welding, electrical switches, terminal wires, wire mesh, mesh baskets, etc.
- 5

Fast welding speed

High power, fast welding speed, short time consumption, high welding efficiency.
- 6

Customized

Can be customized fixtures, electrode arms, electrode holders, and electrode heads of different sizes for different product work-pieces, and can customize highly automated welding equipment and production lines.
- 7

Widely applied worldwide

Extensively applied to metal cabinets, automotive components, fastener assemblies, electronic devices, precision instruments, battery spot welding, hardware spot welding, electrical switches, terminal wires, wire meshes, and mesh frames within welding applications.
- 8

Environmental protection

Compared to traditional welding methods, spot welding machines generate less fumes and harmful gases during the welding process, resulting in a smaller environmental impact. Additionally, due to their high efficiency, they also contribute to energy conservation to some extent.

Vertical IF spot welder features (1)

1 PDKJ MFDC controller

The intermediate frequency welding controller and current closed-loop control can control the actual welding current at high speed. The output current is DC, and the current is smooth, the inductance reactance is zero. The working frequency is 1000Hz, and the time control accuracy is 1ms. The welding program can achieve multiple welding functions such as preheating, welding, and tempering to achieve complex welding functions. Humanized design, can save multiple welding presets.



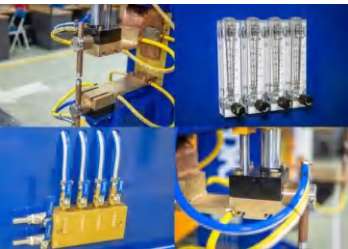
2 LCD touch screen

The interface is simple and beautiful, and the operation is simple. Multi language switching between Chinese and English, with clear welding parameters at a glance. Cooperate with preset functions to achieve fast welding.



3 Water cooling circulation system

Transparent and intuitive water flow meter for easy observation and adjustment of cooling water flow. PDKJ customized anti-corrosion and anti-aging soft water pipes have a long service life and prevent water leakage accidents. Stable and appropriate temperature can improve welding quality and speed.



4 Thickened and stable fuselage design

The body is designed with a high-strength thickened steel plate mechanical structure, which is stable and rigid, ensuring that the body does not vibrate during welding, and large welded work-pieces do not shake. The high-strength corrosion-resistant nano coating body can ensure machine quality and ultra long service life. And it won the Red Dot, known as the "beautiful spot welder".



Vertical IF spot welder features (2)

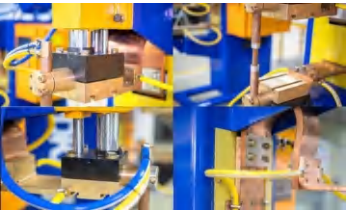
5 Pure copper transformer

The transformer of PDKJ is made of pure copper for both primary and secondary poles, with a high conductivity magnetic core and high-quality epoxy resin poured inside. It has good insulation performance and stable performance, and is packaged in a stainless steel shell, with a compact and beautiful appearance. The rectifier component adopts high-power ABB diodes, with stable performance and high efficiency, making it the most reliable heart of PDKJ spot welding machine.



6 Precision & flexible welding platform

The welding platform adopts high conductivity brass material with the copper content of 85%, integrated electrode voltage mechanism, short gas path, compact structure, fast reaction speed, and more convenient installation and maintenance. The stroke between electrodes is adjustable, which can greatly improve the welding speed. Internally, it adopts water-cooled circulation for heat dissipation, and can quickly replace welding fixtures and electrode heads.



7 Pneumatic system

The seventh generation pressure stabilizing cylinder developed specifically for welding has fast response speed, high pressure resistance, and long service life, meeting the needs of high-speed welding. The cylinder directional valve adopts SMC/Airtag triple body, with fast response speed and large flow rate, meeting the requirements of high-speed management.

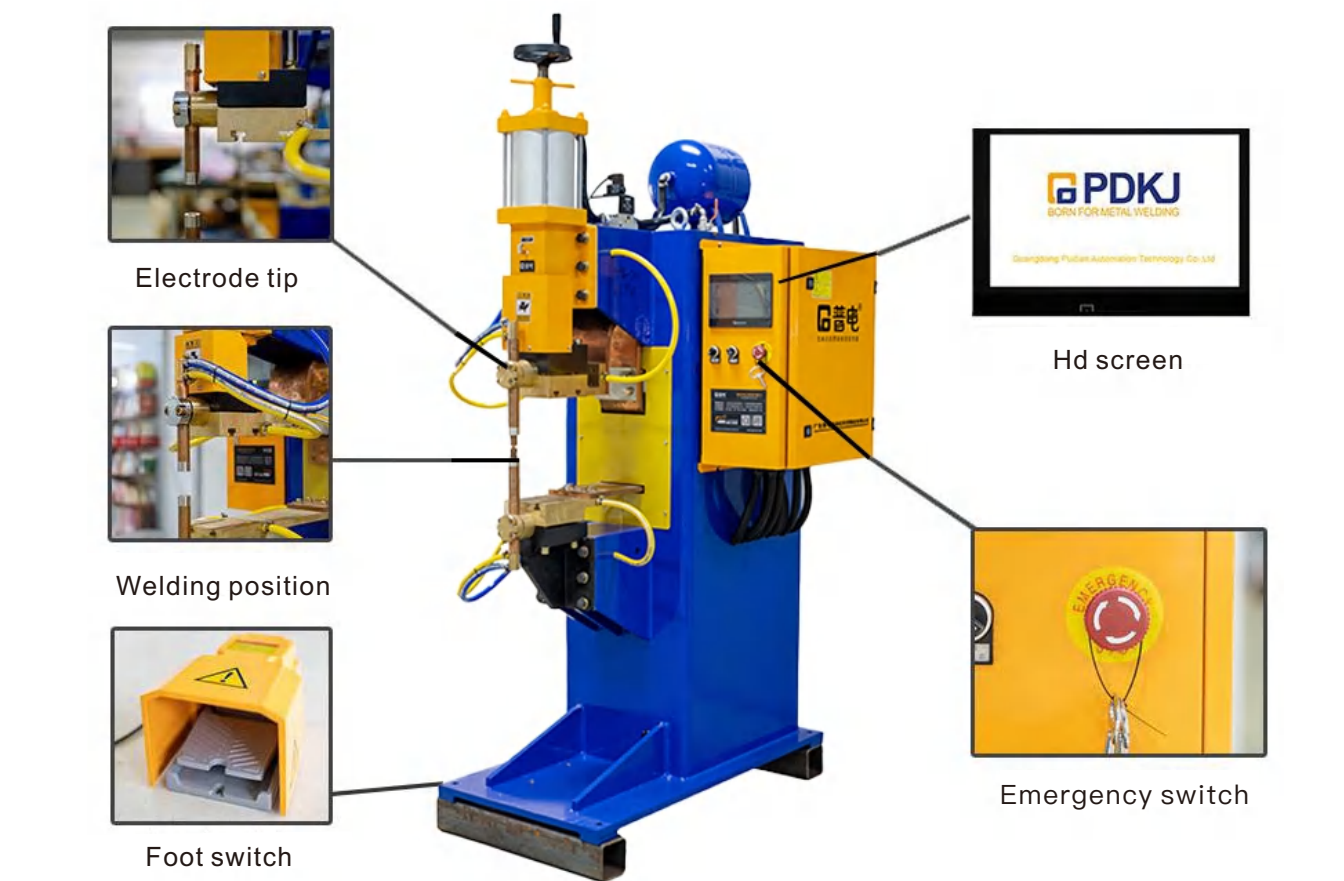


8 Safe and reliable circuit system

The body comes with an LS air switch, and the circuit design fully complies with the humidity breakdown voltage standard for electrical equipment air gaps. The body is equipped with an emergency stop button. All electrical designs strictly comply with safety standards from China, the European Union, and North America.



Schematic diagram



Welding sample

Application: Suitable for welding metal materials such as aluminum, copper, galvanized steel sheets, carbon steel, nickel, tungsten, high-temperature enameled wires, flexible connectors, and inductor coils.

It is widely used in welding metal products across industries such as automotive vehicle and component manufacturing, new energy power batteries, optoelectronic communications, lighting fixtures, compressors, stone products, furniture, and kitchen and bathroom appliances.



Capacitor Discharge (convex) Spot Welder



Application: Primarily applied to weld conductive metallic materials including nuts, bolts, stainless steel, and carbon steel. This technology is widely adopted in manufacturing sectors such as aerospace, defense, automotive, new energy, energy storage systems, hardware & home appliances, telecommunications, and electrical equipment industries. It ensures reliable performance in critical industrial applications demanding precision joining of conductive metal components.

Introduction

Note: Can be customized according to customer's product requirements

Parameter	DKR-6000	DKR-15000	DKR-30000
Capacity value	12000μF	30000μF	60000μF
Rated power	16kVA	45kVA	100kVA
Power source	380V/3φ/50HZ	380V/3φ/50HZ	380V/3φ/50HZ
Max. primary current	40A	79A	132A
Cable specification	25mm ²	25mm ²	50mm ²
Max. short circuit current	60kA	100kA	140kA
Rated load duration rate	50%	50%	50%
Secondary voltage	10/12V	15/18V	20/26.6V
Welder cylinder	φ160*100	φ200*150	φ300*150
Max. pressure	10000N	15000N	35000N
Arm extension size	500*350mm	500*350mm	500*350mm
Weld size	1200*900*2100mm	1300*900*2300mm	1500*1000*2400mm
Storage tank size	800*750*1600mm	1000*750*1800mm	1200*750*2000mm

Product Advantages: The capacitor energy storage spot (projection) welding machine employs capacitor energy storage technology, operating on a charge-discharge principle. Compared to traditional mains-frequency and medium-frequency spot (projection) welders, it features lower instantaneous power, faster charging speed, shorter welding time, and higher output current—ensuring stronger welds with superior surface quality. For instance, it eliminates post-weld blackening, discoloration, and significant deformation, thus removing the need for subsequent grinding. This technology reduces labor intensity while achieving energy efficiency and consumption reduction.

Application



Welding sample

It is primarily applied to weld nuts, bolts, stainless steel, carbon steel, and other metallic materials with high electrical conductivity. This technology finds extensive use in manufacturing sectors such as aerospace & defense, automotive, new energy, energy storage, hardware & home appliances, telecommunications, and other related industries.



Platform Type Medium Frequency Inverter Spot Welder



Back-Side Indentation-Free Copper Platen Spot Welder
(Single welding gun)

Back-Side Indentation-Free Copper Platen Spot Welder
(Dual welding gun)



Characteristics

1 Rapid plugged-in electrode

A key feature of the platform type spot welder is its rapid plug-in electrode mechanism. This mechanism enables convenient electrode replacement, eliminating the need for operators to spend excessive time and effort on electrode disassembly—thereby enhancing the efficiency and flexibility of welding operations.

2 Platform lift function

Platform Lift MechanismThe system allows users to easily adjust the lifting platform height. This mechanism enables the welding torch to precisely reach the target welding position, ensuring weld accuracy and consistency.

3 CuCrZr Welding Platform

This platform effectively supports workpieces, enlarges the conductive area, rapidly dissipates heat post-welding, and minimizes welding deformation—enabling trace-free spot welding. Additionally, its large-platform design facilitates easy operation, enhancing welding flexibility and efficiency.

4 LCD touch screen

Equipped with a medium-frequency welding controller and current closed-loop control, this system enables precise real-time regulation of welding current. The welding program supports preheating, welding, and tempering functions—facilitating complex welding processes. With a user-friendly design, it allows storage of multiple welding process packages.

5 Horizontal grip

Horizontal Articulated Welding GunThe horizontally extended welding gun features an articulated design, enabling it to reach complex shapes and deep positions. It allows operators to target precise welding spots and perform flexible welding while moving freely relative to the table-mounted electrode.

6 Vertical welding torch

Vertical Welding GunFeaturing a rational design, this welding gun can extend deep into box structures for welding, accommodating welding requirements from multiple angles. Its ergonomic design ensures ease of operation, enhancing both welding efficiency and quality. The vertical gun is widely applied in welding large workpieces and nuts, particularly in industries such as beryllium alloy manufacturing and gold plating.

Features: The large work platform features electrically powered lifting, enabling easy support and loading/unloading of workpieces.The articulated flexible welding arm ensures minimal backside marking and high-quality weld surfaces, eliminating the need for post-welding finishing processes.

Application: Ideal for welding aluminum, galvanized steel sheets, stainless steel, carbon steel, and other metallic materials. Widely used in sheet metal fabrication for chassis cabinets, elevator door panels, kitchenware, and household hardware appliances—particularly for large-component products.

Advantages

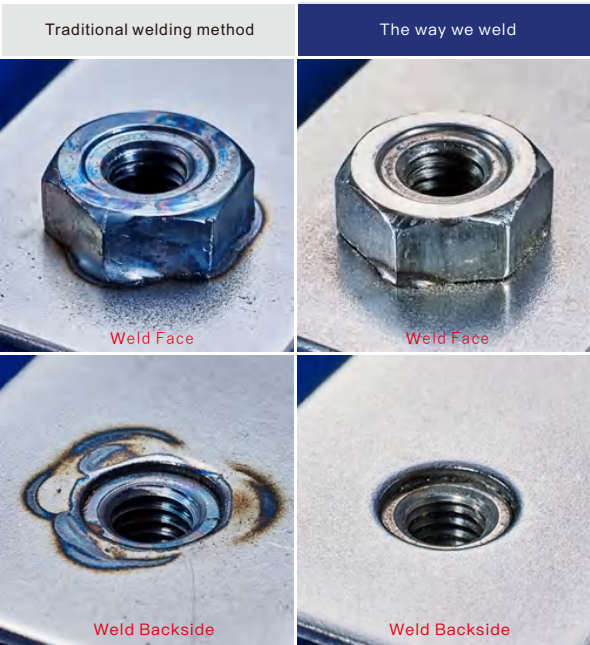
1 Beautiful solder joint

Aesthetic Weld JointsThe aesthetic appeal of weld joints post-welding stems from precise process control and high-efficiency welding technology. The spot welder ensures uniform weld beads with smooth surface finishes by accurately regulating welding current, electrode force, and weld time—mitigating surface burn marks and spatter. This high-quality welding not only enhances product aesthetics but also improves joint strength and fatigue resistance.



2 No reprocessing

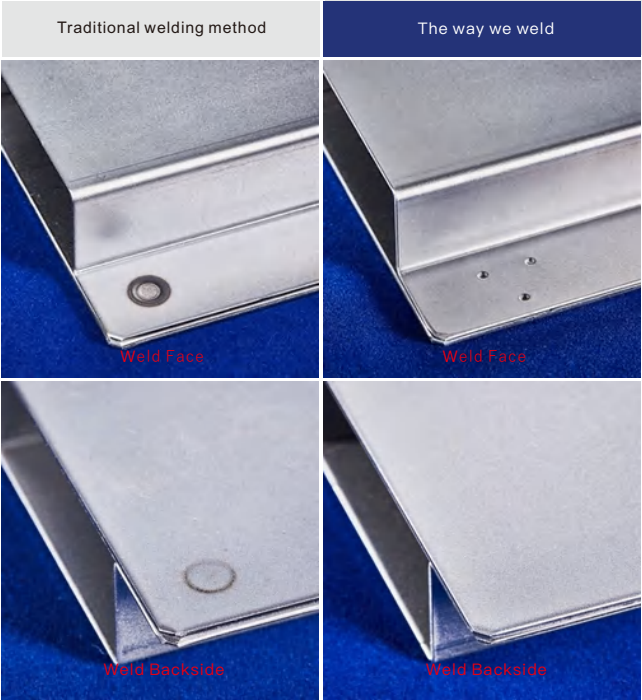
After welding, the surface of the solder joint is smooth without welding pit, and there is no need for secondary processing, which not only eliminates the subsequent processing process, but also improves the production efficiency, and improves the working environment to avoid noise and dust pollution. This efficient and economical welding method allows the surface of the welded workpiece to remain clean and tidy, without additional polishing or treatment, and directly meets high quality standards.



Advantages

3 Designed for sheet metal chassis

The instantaneous force generated by the high current of the high-speed welding technology is very compatible with the projection welding. By applying to welding nuts, plate treatment steel plates, mesh materials, etc., more beautiful welding can be achieved.



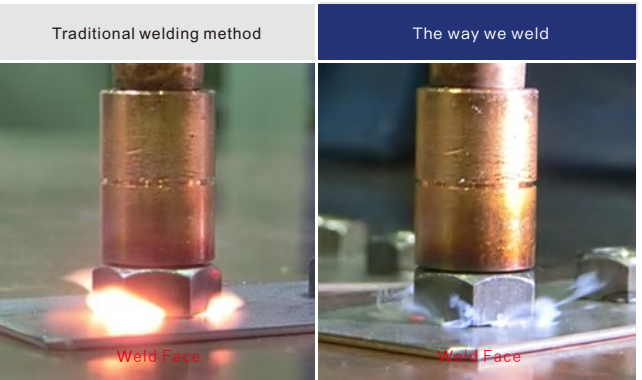
4 Solidly welded

Equipment that has been professionally tested for firmness. Ensure that the welding process is tempered to ensure that every weld is indestructible and every connection is unbreakable.

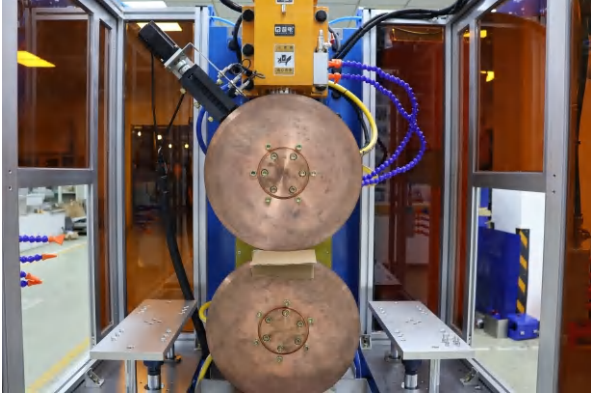
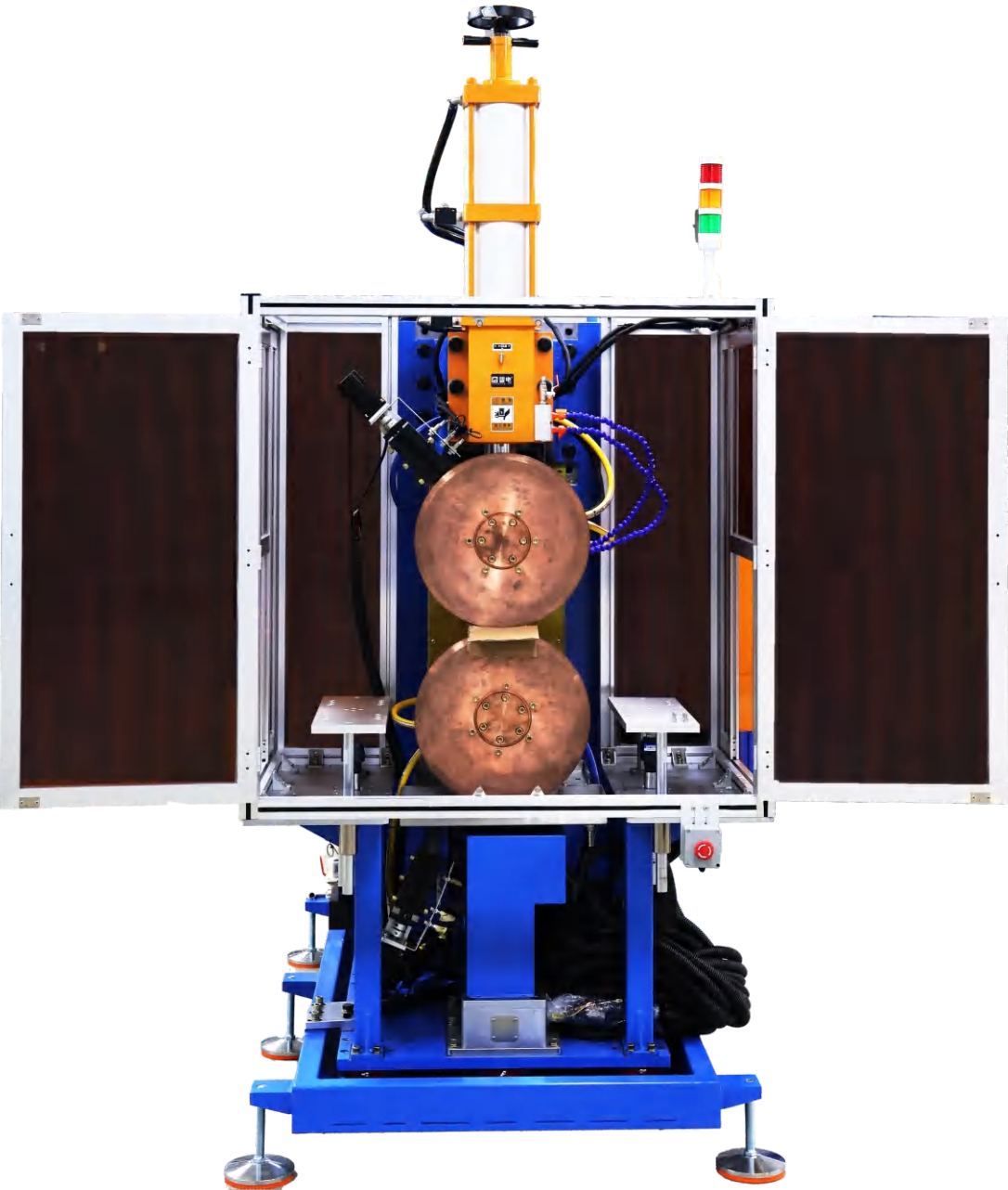


5 Not easy to produce sparks, save electricity

The welding technology of the equipment has a short power on time, and the energy consumption is reduced by about 1/7 compared to previous models (compared to our company).



Vertical Medium Frequency Seam Welder



Advantages of Seam Welding Machine

- 1

Excellent welding quality

Precise DC temperature control increases thermal efficiency by over 30%, reduces spatter by 80%, and makes it suitable for welding thin plates and highly conductive metals.
- 2

Excellent energy-saving effect

Compared with traditional power frequency welding machines, it can reduce power consumption by 25%-30%. In long-term use, it can significantly lower enterprise electricity costs. It adopts a three-phase power supply design.
- 3

High production efficiency

The medium frequency inverter seam welding machine has significant advantages in production efficiency. Its welding spot speed can reach over 1,000 times per minute, far exceeding that of traditional equipment, and it effectively meets mass production needs.
- 4

Wide adaptable range

Wide Compatibility: Works with low-carbon steel, stainless steel, aluminum alloy (highly conductive), thin plates ($\geq 0.1\text{mm}$), and multi-layer composites. Used in hardware, home appliance sinks, auto fuel tanks, steel cages, and aerospace parts—fits all kinds of welding needs.
- 5

High durability

High power, fast welding speed, short time consumption, high welding efficiency.
- 6

Intelligent and easy to use

It features a PLC intelligent system, storing 95 welding parameter sets. For product changeovers, one-click parameter recall; built-in fault self-diagnosis with real-time alerts lowers downtime, and its intuitive interface lets new operators learn quickly.

Features: A high-efficiency industrial welding tool, the Medium-Frequency Inverter Roll Welder uses a medium-frequency inverter power supply – +30% thermal efficiency, -80% spatter, dense neat welds, and 10-80x control precision vs. traditional models (ideal for thin sheets/high-conductivity metals). It saves 25%-30% energy vs. power-frequency welders, achieves >1,000 welds/min, and has 2x longer-life wear-resistant copper electrodes. It works with steel/aluminum, for hardware/automotive fields. Equipped with a smart PLC (stores parameters, self-diagnosis) for easy operation, cutting costs while boosting quality.

Cooling system for spot welder

Stainless steel water tank and pump (optional)

Large capacity water tank, stainless steel shell for heat dissipation, combined with high-power using waterpump,room circulation cooling. This temperature water standard cooling component can meet welding operations with general strength. Maintaining the spot welding machine at the optimal working temperature can improve welding quality and accuracy, and extend the service life of the machine. It's recommended to use spot projection welding machine with power less than 160KVA for optional.

When the temperature is lower than 0°C, use antifreeze.



Industrial chiller (optional)

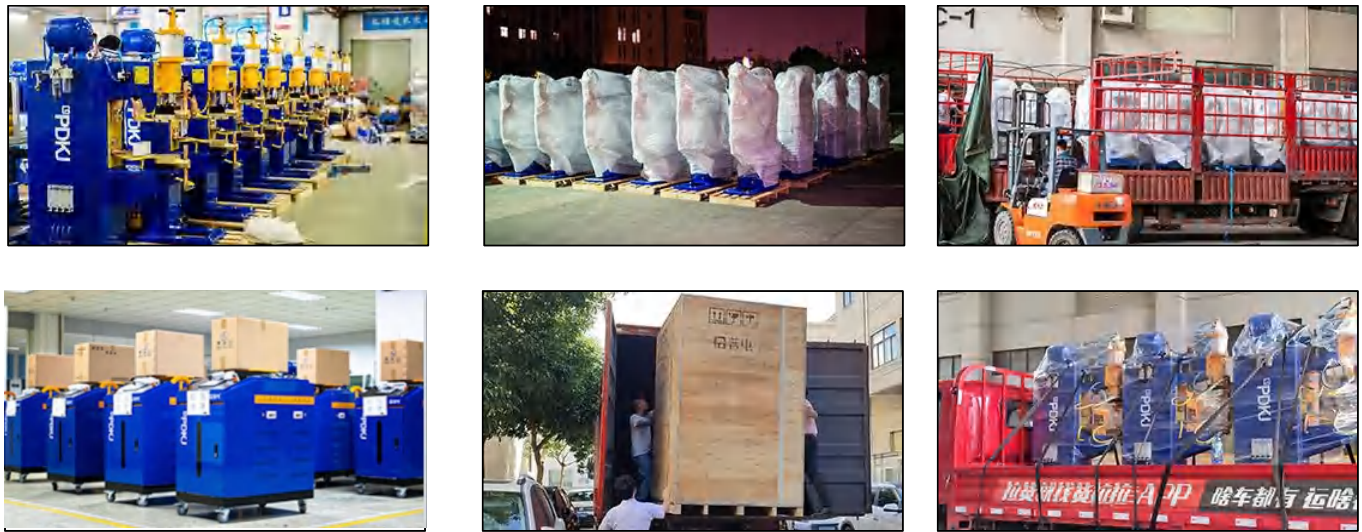
- 1. Vertical top outlet design, easy installation and maintenance;
- 2. High quality brand refrigeration components, control accuracy of +1.00% to +3.0%;
- 3. Stainless steel multistage centrifugal pump and stainless steel water tank, PVC connection material, not afraid of rust;
- 4. With a variety of alarm protection functions and provide passive signal output;
- 5. Independently develop and produce bilingual intelligent temperature controller in Chinese and English, with various Settings and fault warning functions, easy to operate;
- 6, pure water filtration protection device to ensure the safe operation of the equipment; This advanced cooling component can be used for ultra-high strength welding work. Keeping the spot welding machine at the best working temperature can improve the welding quality and accuracy, and extend the service life of the machine.

When the temperature is lower than 0°C, use antifreeze.

Configuration list/Delivery process



	Project name	Qty.	Unit	Remarks
1	PDKJ spot welding machine	1	Unit	Std. config
2	Water tank and water pump/Water Chiller	1	Set	Optional
3	Installation tool	1	Set	Std. config
4	Standard electrode head (Flat & Pointed)	1	Set	Std. config
5	Certificate of conformity	1	Copy	
6	Packing list	1	Copy	File
7	Acceptance Form	1	Copy	File
8	Warranty bill	1	Copy	File
9	Delivery note	1	Copy	File
10	Operating instruction	1	Copy	File



Hand-held laser welding machine



The handheld laser welding machine is designed as an integrated structure, using the latest generation of laser generator, integrated double drive automatic wire feeding system, and equipped with the double swing head welding head independently developed by our company. Welding: flexible and convenient, good beam quality, small deformation, beautiful welding, high reliability. It is suitable for spot welding and full welding of various metal frame structural parts, sheet metal parts and other complex shaped inner corners, outer corners, joints, etc., with simple operation, beautiful solder joints, fast welding speed and other advantages, suitable for aluminum alloy plate, stainless steel plate, galvanized metal material welding, can perfectly replace the traditional arc welding, arc welding and other processes.

Characteristics



Languages: Simplified Chinese, English, Korean, Russian, Traditional Chinese, Japanese, German, French, Italian, Spanish, Portuguese, Turkish, Greek, Czech, Slovak, Polish, Thai, Vietnamese, Romanian

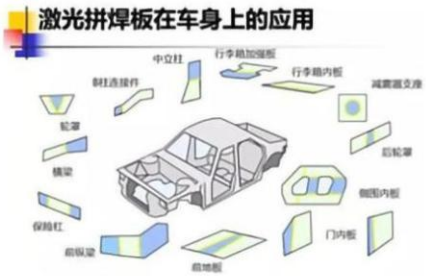


Universal wheel for flexible movement

Item	Parameter
Device name	Hand-held laser welding machine
Laser power	1500W/2000W/3000W
Fiber length	Standard configuration of 10 meters (customizable length up to 15 meters)
Cooling system	Thermostatic water tank
Operating temperature range	15-35℃
Operating humidity range	<70% without condensation
consumable	Protective lenses

Advantages

- 1. Simple and easy to understand control interface, easy to operate, novice can also weld beautiful products.
- 2. The welding speed is 3-5 times faster than the traditional welding speed, and a device can save at least 3-5 welders per year.
- 3. Laser welding material consumption is less, long life.
- 4.The weld is smooth and beautiful, the deformation is small, the processing range is wide, reducing subsequent polishing processes, saving time and cost.
- 5. No deformation, no welding marks, solid welding.
- 6. The self-developed double swing welding head makes up for the shortcomings of small laser spot, expands the tolerance range of the workpiece and the width of the weld, and obtains a better weld forming effect.
- 7. Widely suitable for most robots on the market. It can be installed on robots and multi-axis automation equipment to achieve complex automatic welding.



Machine parameter

Parameter	LWM1500	LWM2000	LWM3000
Laser machine power	1500W	2000W	3000W
Input power	220V 50/60Hz	220V 50/60Hz	380V 50/60Hz
Protective gas Placement	Argon/Nitrogen	Argon/Nitrogen	Argon/Nitrogen
environment	Flat, vibration and impact free		
Working environment temperature	10-40	10-40	10-40
Working environment humidity (%)	< 70	< 70	< 70
Automatic wire feeding	Yes	Yes	Yes
Welding gun model	A/B/C Optional	A/B/C Optional	A/B/C Optional
Laser wave length	1064nm	1064nm	1080nm
Overall power	2500W	3000W	4500W
Welding interval requirements	<0.5mm	<0.5mm	<1.0mm
Aiming and positioning	Infrared	Infrared	Infrared
Robot automatic welding interface	Yes	Yes	Yes
Welding capacity / aluminum	0.2-3.0mm	0.2-4.0mm	0.2-6.0mm
Welding capacity / carbon steel	0.2-4.0mm	0.2-5.0mm	0.2-7.0mm
Welding capacity / stainless steel	0.2-4.0mm	0.2-5.0mm	0.2-7.0mm
Welding capacity / galvanized sheet	0.2-3.0mm	0.2-4.0mm	0.2-6.0mm
Welding speed	0-120 cm/Min	0-120 cm/Min	0-120 cm/Min
Weight	252kg	274kg	208kg+88kg
Overall dimension	1050*750*1170mm	1050*750*1170mm	1050x750x1170mm +650x540x1060mm

Laser welding machine accessories

(1) Welder main engine



(2) Laser welding gun

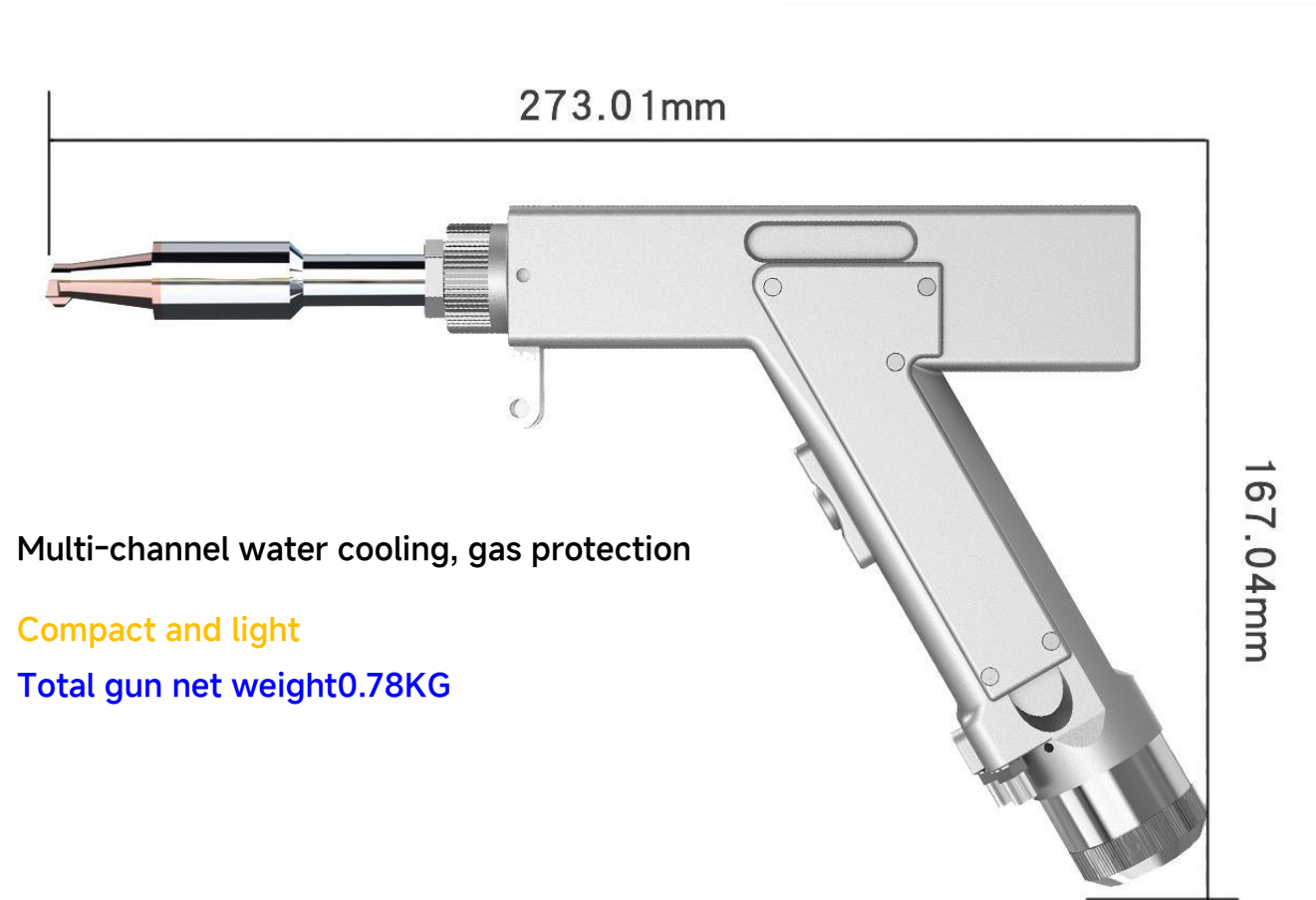


Aluminum alloy welding gun

Plastic welding gun

3-in-1 welding gun

PDKJ Aluminum alloy laser welding gun



Multi-channel water cooling, gas protection

Compact and light

Total gun net weight0.78KG

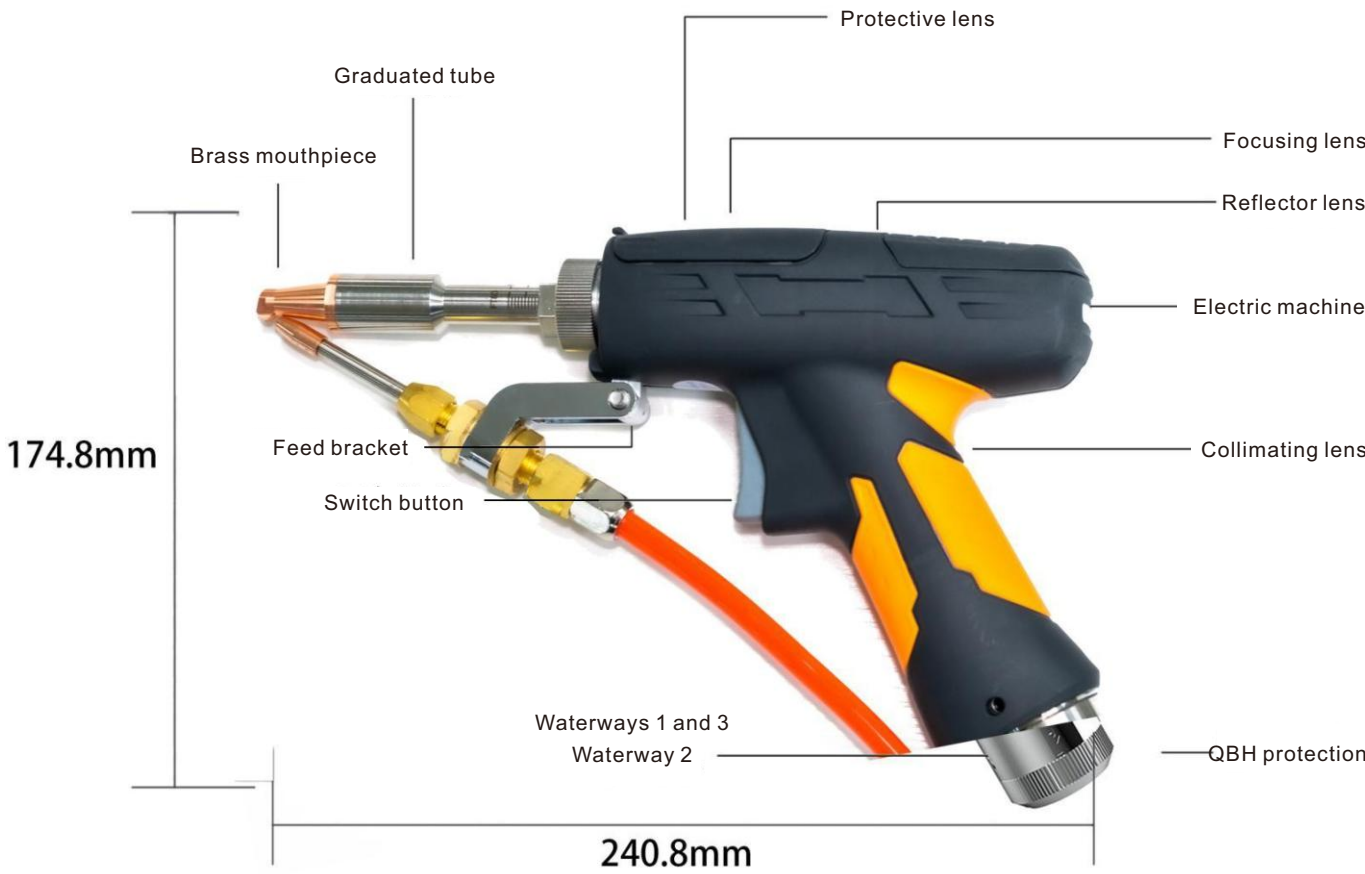
- 1, multi-point temperature measurement, real-time monitoring independent research and development of safety detection system, fuselage multi-point temperature real-time monitoring.
- 2, dust and wear-resistant, anti-interference fuselage dust, anti-interference performance is different, work efficiency to a higher level.
- 3, efficient and convenient focusing mirror, protective mirror drawer, easy to replace.
- 4, smart lock, safety protection contact metal laser, remove the automatic lock light.

Welding torch	PDKJ welding gun
Power class	=<3000W
Collimation Distance	60nm
Focus distance	150mm
Max atmosphere	15Bar
Vertical focusing	±10mm
Spot regulation	Line 0-5mm
Optical wavelength	1070nm
weight	0.78Kg

PDKJ plastic welding gun

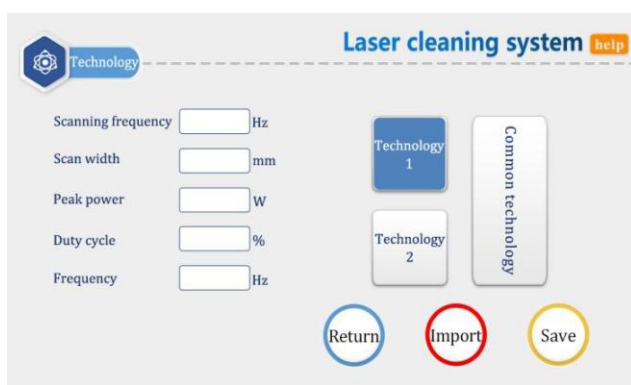
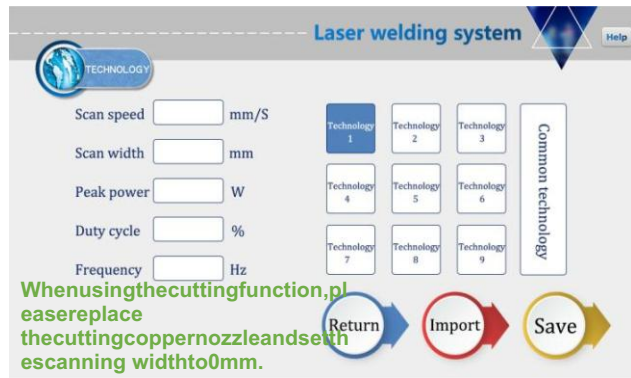
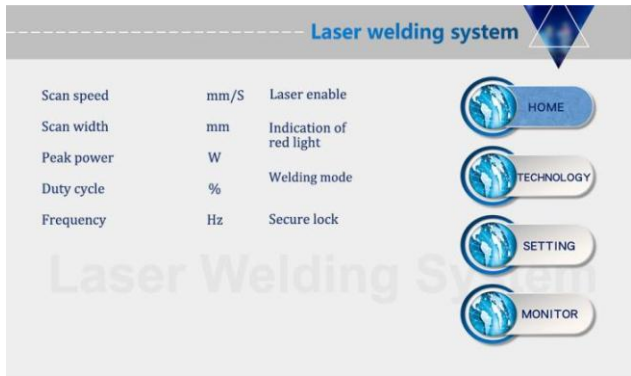
- 1、 Multi-point temperature measurement, real-time monitoring independent research and development of safety detection system, fuselage multi-point temperature real-time monitoring.
- 2、 Dust and wear-resistant, anti-interference body dust, excellent anti-interference performance, work efficiency to a higher level.
- 3、 Efficient and convenient focusing lenses, protective lenses drawer, easy to replace, collimator and QBH integrated, easy to replace on site.
- 4、 Intelligent protection system does not touch the workpiece, no loop, no ignition, improve production safety.

Product model	Ultra lightweight welding gun
Power level	=<2000W
Collimating focal length	60nm
Focusing focal length	150mm
Max. air pressure	15Bar
Vertical focusing range	±10mm
Spot adjustment range	Line 0-5mm
Applicable wavelength	1070nm
Weight	0.68Kg



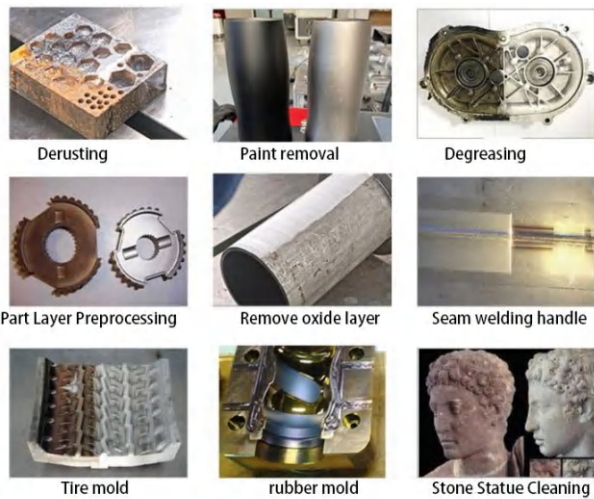
PDKJ Multi-functional 3-in-1 welding gun

Welding, cutting, rust removal

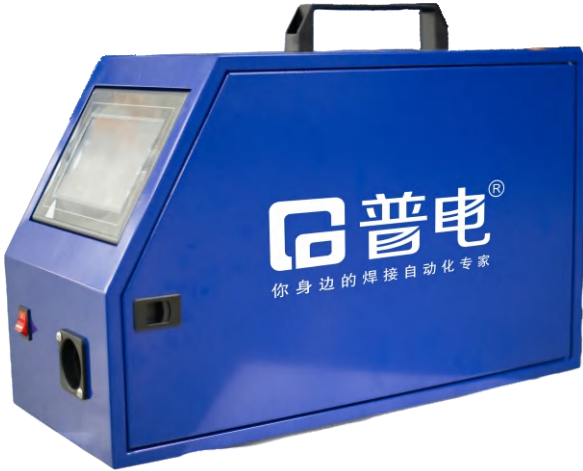


Main functions of cleaning mode :

Rust removal, oil removal, paint removal and oxidation layer removal. Application scope: Metal rust and oil removal, mechanical component cleaning, pipeline and pipe fitting cleaning, mold cleaning, automotive component cleaning, welding seams, building exterior wall stone statue cleaning, electronics industry cleaning and aircraft old paint cleaning, etc.



PDKJ Wire feeding system



- 1、 Fool setting, simple and powerful.
- 2、 To meet the diversified welding process needs.
- 3、 Perfect filling of various welding gaps, the effect is stable.
- 4、 With automatic wire feeding, the welding gun automatically follows the welding, and the worker only needs to control the direction and time.
- 5、 Welding wire specifications adjusted 0.8, 1.0, 1.2, 1.6, 2.0mm. Welding wire material, according to the welding of carbon steel and aluminum plate is different.



Dual water tank intelligent IoT cooling system

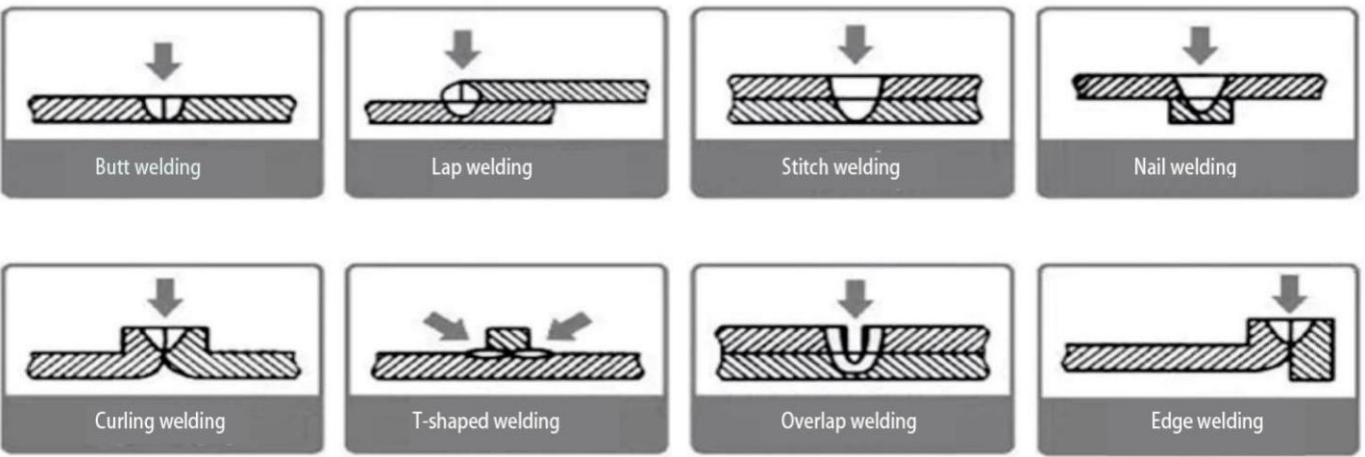
- 1. Large chassis, industrial chiller, designed for high strength and stable operation;
- 2. Everything interconnection temperature control system: LCD display, with 485 communication function, remote control, can be used for mass production monitoring;
- 3. Double water tank circulation cooling: chilled water temperature control accuracy +0.2-0.5°C; normal temperature water temperature control accuracy +0.5-1°C;
- 4. Cooling system bilingual, easy to operate;



Comparison of welding processes

Project	Traditional argon arc welding	Laser welding machine	Handheld Fiber Optic Welding
Heat input to the workpiece	Very high	Low	Low
Deformation and undercut of the workpiece	Large	Small	Small
Bond strength with base metal	Average	Good	Very good
Subsequent processing	Polish	No or minimal polishing	No or minimal polishing
Welding speed	Average	More than twice that of argon arc welding	More than twice that of argon arc welding
Applicable materials	Stainless steel/carbon steel/galvanized sheet/aluminum alloy/copper material	Stainless steel/carbon steel/galvanized sheet/aluminum alloy/copper material	Stainless steel/carbon steel/galvanized sheet/aluminum alloy Gold/copper material
Consumables	More	Less	Less
Operational difficulty	Complex	Average	Simple
Operator safety	Unsafe	Safe	Safe
Environmental Protection Impact	Not environmentally friendly	Environmentally friendly	Environmentally friendly
Welding fault tolerance	Good	Average	Good
Double pendulum hand holding head	No	No	Yes
Adjustable spot brightness	No	No	Yes
Welding quality	Poor	Average	Good

The welding head can weld the workpiece at any angle, suitable for various complex weld seams and various devices.



Basic configuration

No.	Name	Specifications	Qty	Unit	Notes
1	Laser welding host	Integrated	1	Set	PDKJ
2	Continuous fiber laser	1500W	1	Unit	Raycus
3	Industrial water chiller	constant temperature	1	Unit	PDKJ
4	Intelligent laser control system	Touching screen	1	Set	PDKJ
5	Single pendulum automatic handheld welding gun	Type	1	Unit	
6	Dual drive multifunctional wire feeder	0.8-1.6	1	Unit	
7	ISO robot connection supporting control system	PDKJ-PW353	1	Set	PDKJ
8	Inner/outer corner self fusion welding nozzle		8	Unit	Random configuration
9	Copper clamp		1	Unit	PDKJ
10	Lenses		10	Pcs	Random configuration
11	Packing list		1	Copy	File
12	Warranty card		1	Copy	File
13	Certificate of conformity		1	Copy	File

Main configuration

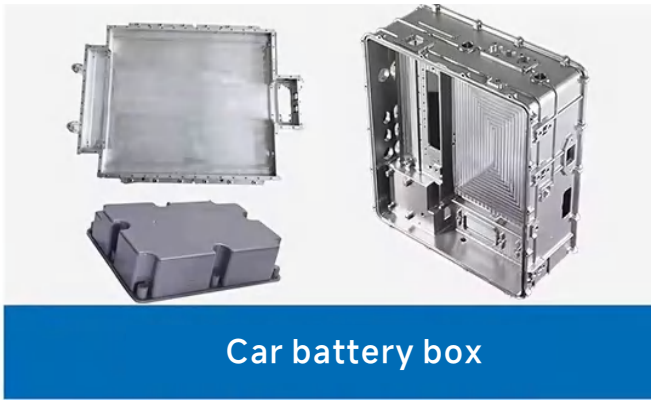
Main fittings	Configuration description
Fiber laser	High photoelectric conversion efficiency, good beam quality, maintenance-free
Thermostatic refrigerator	High efficiency compressor, water pump, flow protection
Laser control system	8 inch touch screen, adjustable laser control mode and laser power
Fiber optic hand torch	QBH interface mode, simple structure, security configuration
Double swing welding torch	Suitable for T welding, spot welding, patch welding, lap welding, butt welding, seam welding, fillet welding, overlap welding, etc
Robot supporting system	Realize seamless connection with robot automatic welding system

Laser welding samples

It is suitable for the welding of stainless steel plate, aluminum alloy plate, galvanized plate, carbon steel and other metal materials, and can replace the traditional argon arc welding, arc welding and other processes.



Furniture shutter



Car battery box



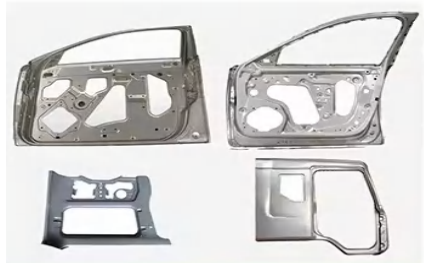
Electrical cabinet



Car fuel tank



Golf club



Car door



Car water tank



Stainless steel drum

Platform type laser spot welding machine



The platform-type laser spot welding machine is designed with an integrated structure, incorporating the latest generation of laser generators and equipped with our company's independently developed dual-swing welding head. The welding process is flexible and convenient, featuring a small beam spot, minimal thermal deformation, aesthetically pleasing weld seams, and high reliability. It is suitable for spot welding various metal frame structural components and sheet metal parts, offering advantages such as simple operation, refined weld spots, and high-speed welding. Ideal for welding materials like aluminum alloy sheets, stainless steel sheets, and galvanized sheets, it achieves mark-free welding with visually superior results.

Platform type laser spot welding machine



Equipment advantage

- 1.User-Friendly Operation: Platform type laser spot welding machine adopts microcomputer single-chip technology with a Chinese LCD display, enabling operators to easily use it without requiring specialized skills or prior experience.
- 2.Enhanced Welding Efficiency: Compared to traditional spot welding machines, the platform laser spot welding machine increases work efficiency by more than three times, significantly saving labor and time.
- 3.Guaranteed Aesthetic Quality: The welded workpiece exhibits no marks on the back, ensuring superior appearance quality. This eliminates subsequent processes like grinding and polishing, boosting economic efficiency.
- 4.Flexibility and Versatility: The welding gun can be designed with horizontal or vertical structural configurations, allowing easy extension into deep cavity areas for welding, thereby meeting diverse directional requirements.
- 5.Expanded Welding Range: The multi-joint arm structure and parallel joint design ensure agile movement and a broader welding range, enabling access to every welding position on the worktable.
- 6.Improved Product Quality: When welding components such as iron cabinets or control consoles, the machine leaves no welding pits on the external surfaces of the parts, enhancing overall product quality.

Equipment parameter

Model	LSW1500	LSW2000	LSW3000
Input power/power	220V/1500W	220V/2000W	380V/3000W
Intensity	Fine	Fine	Fine
Type of welding gun	Double swing welding torch	Double swing welding torch	Double swing welding torch
Laser wavelength	1064nm	1064nm	1084nm
Power consumption	2000W	2500W	3500W
Aiming and positioning	Infrared ray	Infrared ray	Infrared ray
Welded aluminium	0.2 - 2mm	0.2 - 3mm	0.2 - 4mm
Welded carbon steel	0.2 - 3mm	0.2 - 4mm	0.2 - 5mm
Welded stainless steel	0.2 - 3mm	0.2 - 4mm	0.2 - 5mm
Welding galvanized sheet	0.2 - 2mm	0.2 - 3mm	0.2 - 4mm
Weight	256+60kg	256+60kg	256+80kg
Table size	Standard size: 1000x600 / 1200x800		
Overall dimension	1000x600x800 (Can be customezied 1200x800x800mm)		

Welding sample

Application Scope Primarily suitable for industries such as mobile phones, computers, battery tabs and terminals, microelectronic components, precision parts, smart terminal product assemblies, and medical devices. It supports laser welding between various metal materials, including carbon steel, stainless steel, copper, aluminum, galvanized steel, and more.

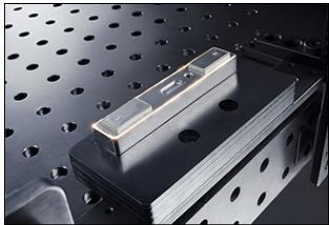
It is widely used in automotive and auto parts manufacturing, new energy power batteries, optoelectronic communications, lighting fixtures, compressors, hardware, furniture, kitchen and bathroom appliances, and other metal product welding applications.



Battery cell



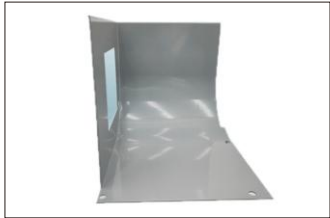
Battery busbar



Battery cover



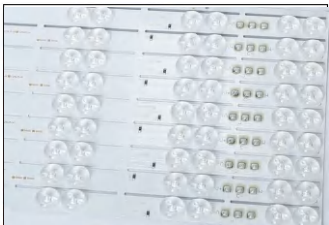
Stainless steel piece



Stainless steel water tank shell



Battery cylinder busbar



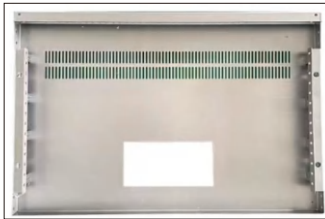
Tin solder



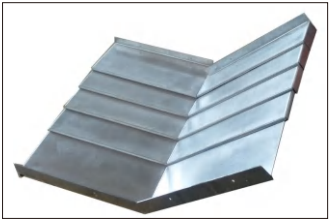
Battery pole



Door panel reinforcing ribs



Chassis and cabinet



Stainless steel protective cover



Galvanized sheet distribution box

Application industry



New energy lithium battery



Hardware 3c



Medical equipment



Furniture kitchenware

Inductive terminal high-frequency micro arcwelding machine



Welding sample

In the Electronics Industry : High-frequency micro-arc welding machines for inductor terminals are widely used to weld terminals of inductor components in various electronic devices, such as power adapters, chargers, and electronic transformers. They are also employed in automotive electronics to weld inductor terminals in equipment such as electronic control systems and sensors.



Customized Non-standard welding equipment



Dual-Station Automatic Welding Workstation for Computer Cases



Double-Sided Projection Welding Machine for Automotive Shock Absorber Brackets



Automatic Welding Equipment for Automobile Steering Gears



Dual-Head Projection Welding Machine for Automotive Subframes



Automated Multi-Point Welding Machine for Oil Heater Fins



Circumferential Welding Machine for Oil Radiator Heater Fins



Automatic Roll Welding Machine for Oil Radiator Heater Fins



Automatic XY-Axis Spot Welding Machine for Computer Cases



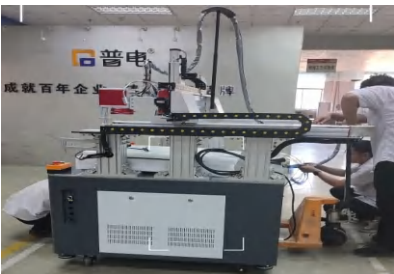
CNC-Controlled Triple-Gun Automatic Stud Welder



Dedicated Automatic Projection Welding Machine for Door Panel Hinges



Automatic Spot Welding Machine for U-shaped Clips on Door Panel Reinforcements



Multi-Axis Platform Laser Welding Machine



Double-Sided Spot Welding Machine for Automotive Brackets

Customized Non-standard welding equipment

Since its establishment in 2006, PDKJ Technology has specialized in laser welding and resistance welding technologies, delivering metal welding solutions to over 3,000 high-end clients globally. We provide customized non-standard automated equipment tailored to specific client requirements, extensively applied across industries including rail transit, automotive manufacturing, hardware processing, sheet metal fabrication, home appliances, and electronics manufacturing. Our solutions empower clients to achieve high-efficiency automated welding processes.

Section on Classic Automation Cases



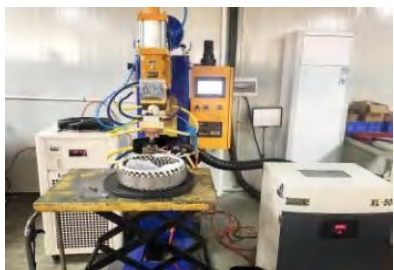
Dedicated Spot Welding Machine for Range Hood Oil Nozzles



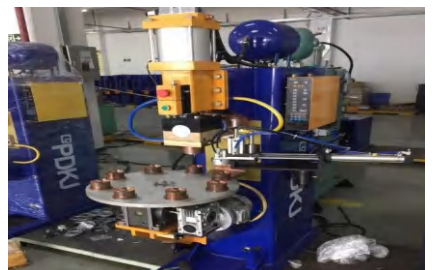
Customized Automatic Spot Welding Machine for Automotive Parts



Automatic Spot Welding Machine for MOSFET Spring Clips



Customized Automatic Medium-Frequency Spot Welding Machine for Copper Terminal Wires



Automatic Welding Machine for Automotive Filters



Circumferential Welding Machine for Oil Radiator Heater Fins



Automatic Multi-Spot Welding Machine for Oil Radiator Heater Fins



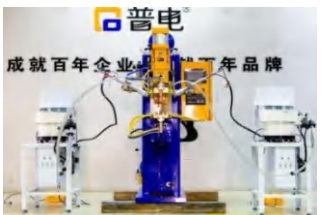
Dedicated Medium-Frequency Welding System for Extended/Heightened Telecom Cabinets



Dedicated Automatic Projection Welding Machine for Door Panel Hinges



Automated Dual-Head Gantry Spot Welding Machine for Door Stiffening Ribs



Automatic Nut Feeding Welding Machine



Four-Point Welding Machine for Automobile Shock Absorber Connecting Rods



Automatic Welding Machine for Fan Blades



Automatic Welding Machine for Microwave Oven Frames

Customer Witnessing



Welding Applications of Vertical Spot Welding Machines in Sheet Metal Fabrication Plants



Welding Applications of Precision Spot Welding Machines in Electronic Manufacturing Plants



Precision Spot Welding Machines Utilized in Electronic Manufacturing Plants



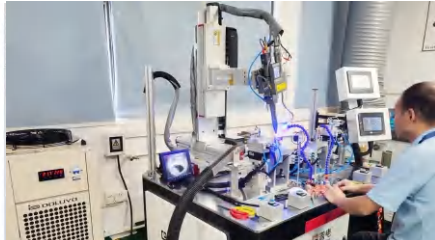
Application site of the traceless spot welding machine on the platform



Indian Clients Conduct On-Site Business Negotiations and Factory Inspections



Welding Applications of Robotic Laser Welding Workstations



Welding Applications of Multi-Axis Laser Welding Machines



Applications of Dual-Gun Platform-Type Spot Welding Machines in Sheet Metal Fabrication Plants



Korea clients factory inspections



On-Site Business Negotiations and Factory Inspections by Clients



Welding Applications of Stationary Spot Welding Machines in Automotive Manufacturing Plants



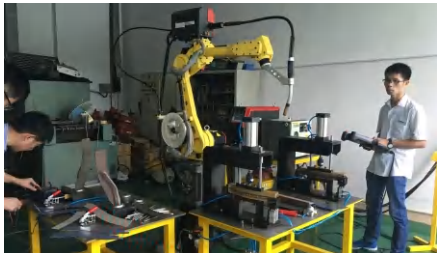
Customer Applications of Handheld Laser Welding Machines



On-Site Implementation of Robotic Laser Welding Systems



Platform-Type Spot Welding Machine Witnessing at Exhibition



Operational Deployment of Robotic Laser Welding Systems

Customers use on-site/after-sales service

Application scene/Service

As an original welding machine manufacturer with nearly 20 years of experience in R&D, production, sales, and welding services, we have established a team of highly skilled and professional welding experts. We provide comprehensive pre-sales, in-sales, and after-sales services, including but not limited to:Free welding process consultationWelding solution design and technical supportFree sample prototyping and trial productionWelding quality inspection and validationOn-site/remote installation, commissioning, and operator trainingMaintenance guidance and regular follow-up servicesTroubleshooting, diagnostics, and remote technical assistance.



The pre-sale, in-sale and after-sale sites of customers



Non-standard customized welding equipment

Non-standard customized welding equipment



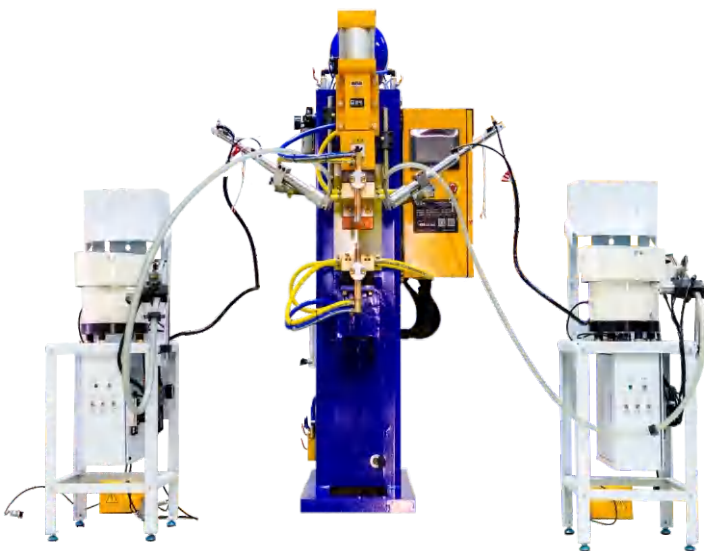
Double - gun platform type medium frequency inverter spot welding machine



Desktop medium frequency spot welding machine



Galvanometer laser welding machine



Automatic nut feeding and welding machine



Vertical medium - frequency extended spot welding machine



Car filter end cap projection welding machine

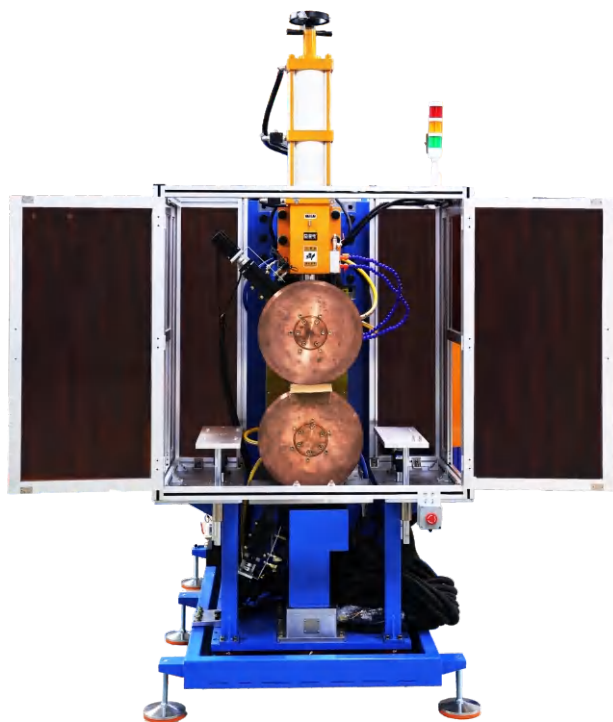


Multi-axis combined laser welding machine



Flat gantry welding machine

Non-standard customized welding equipment



Medium-frequency inverter roller welding machine



Medium-frequency extended inverter roller welding machine

Non-standard customized welding equipment



Automotive oil and gas injection welding special machine



Automotive shock absorber bracket welding special machine



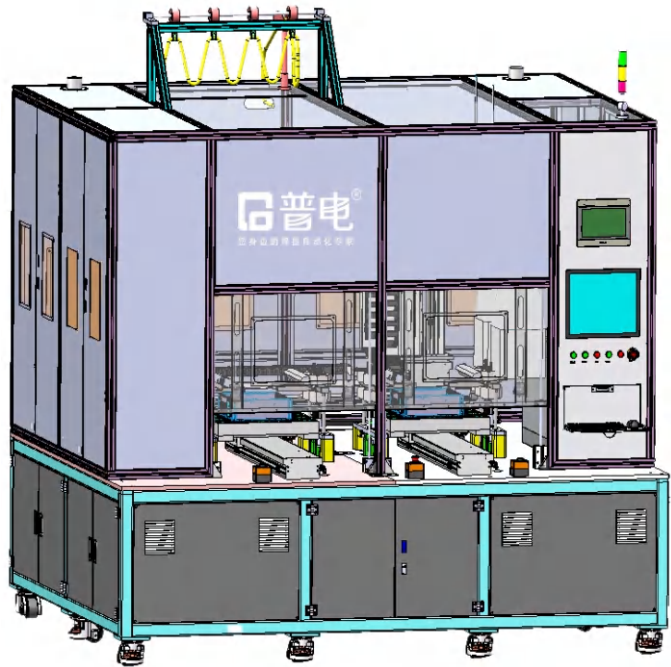
Automated projection welding machine for automotive door panel hinges



Extended-length and height medium frequency spot-convex welder for cabinet welding

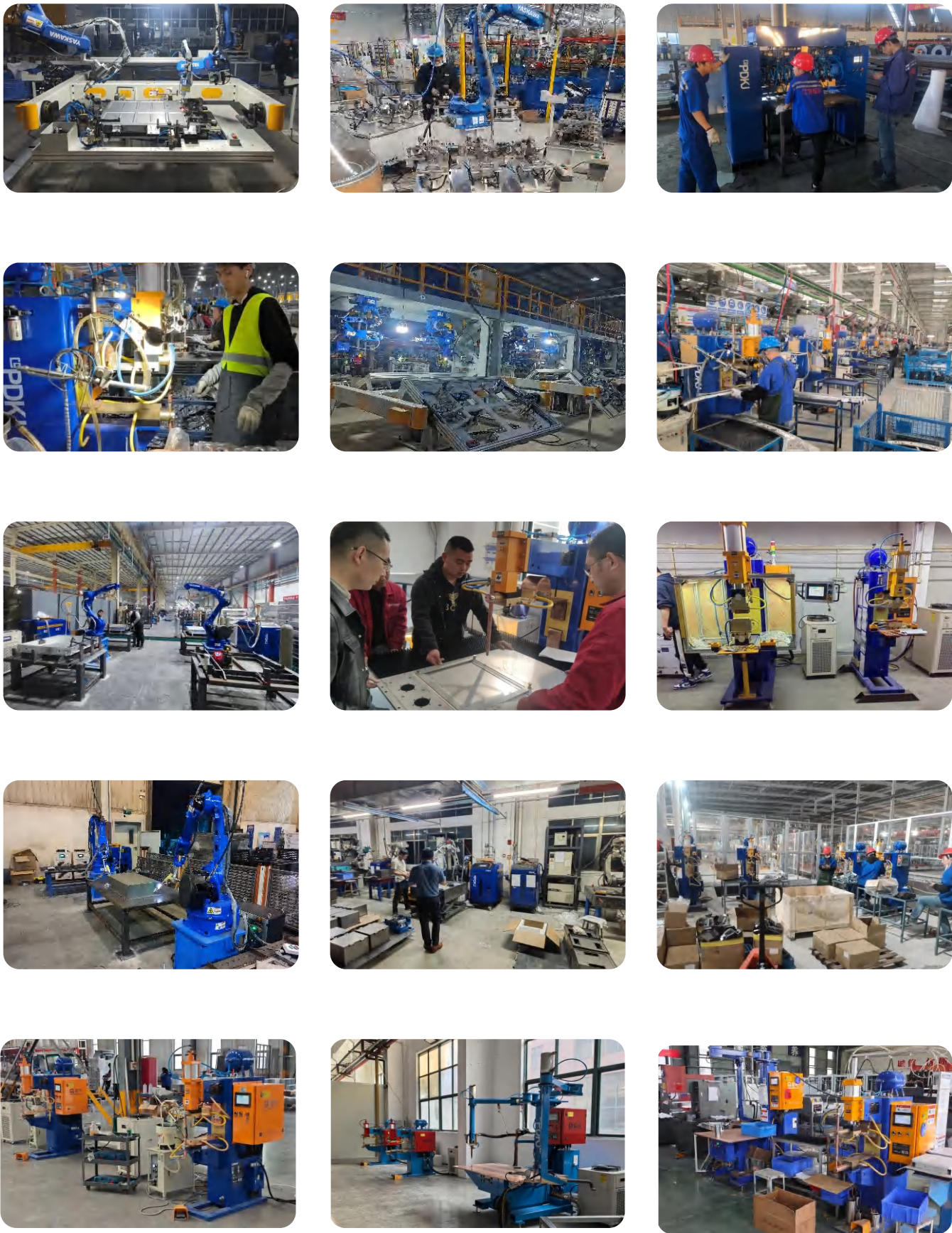


Automatic welding equipment for automotive steering gears



Dual-station laser welding workstation

Automobile manufacturing industry

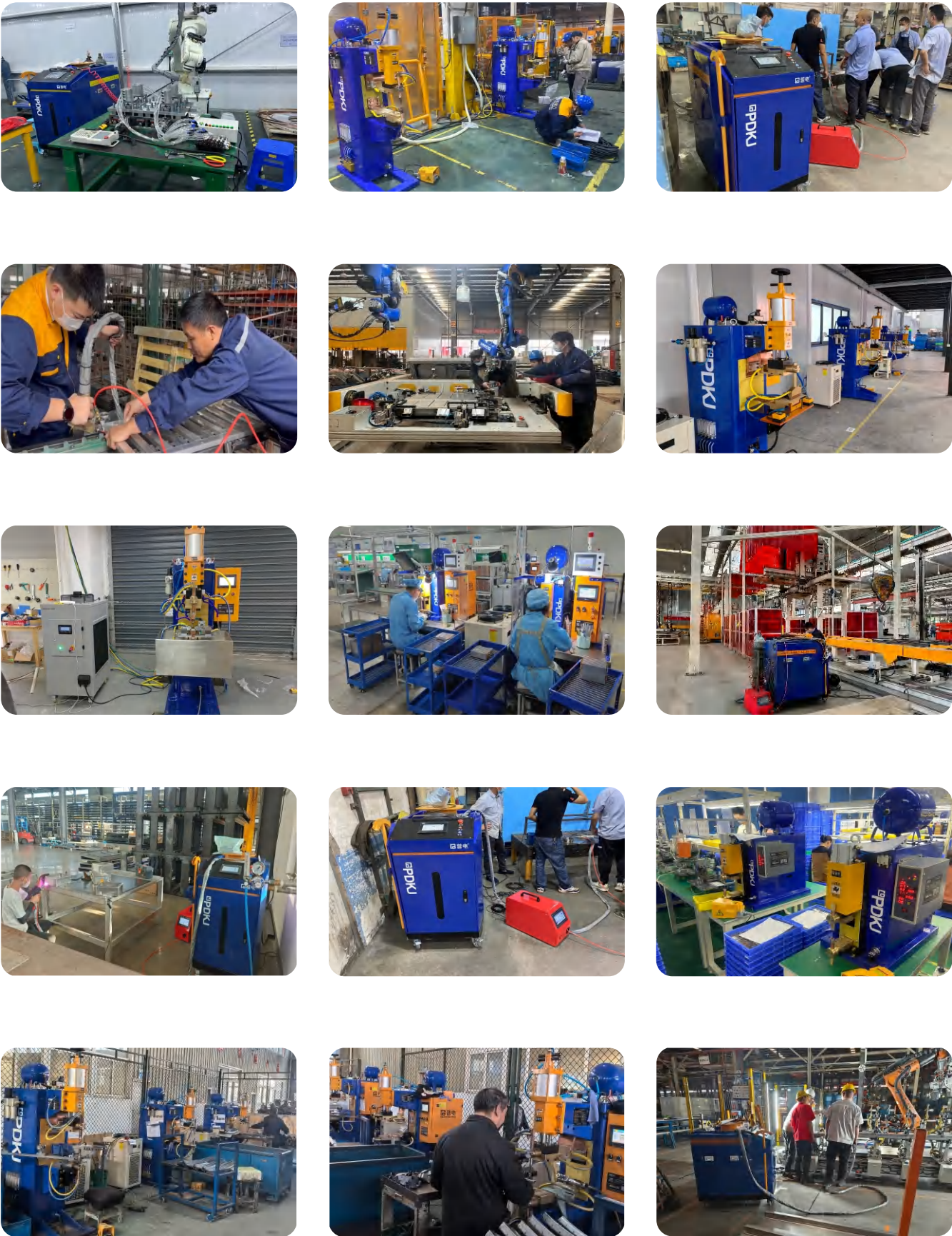


Welding samples of automotive parts

Welding samples of automotive partsOver the past decade, PKDJ has established in - depth collaborations with clients in the automotive and auto - component manufacturing industry, accumulating rich and professional welding application cases and experience in this field.



Hardware manufacturing industry



Welding samples for the hardware industry



Intelligent manufacturing industry

The welding path of the robot is precise, the weld seam is uniform, the appearance is good, and the welding quality is stable. It can work continuously for a long time, with high working efficiency, cost savings and high safety. This equipment is mainly composed of industrial robots, laser welding machines, workbench fixtures, safety protection devices and control systems, and is capable of precisely performing welding tasks.

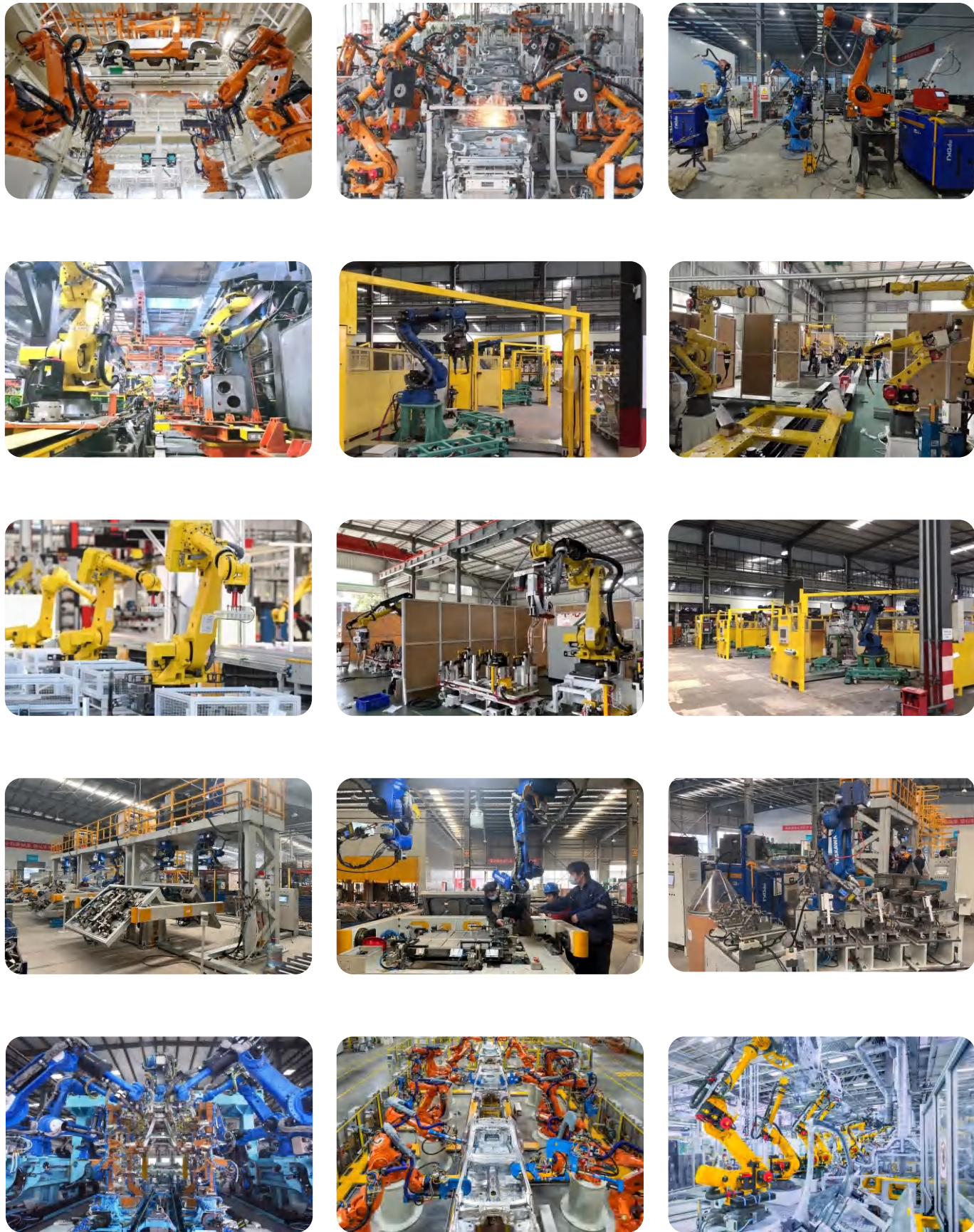


It is mainly applicable to the welding of metal materials such as vehicle body frames and battery boxes. It is widely applied in numerous industries such as aerospace, automotive manufacturing, mechanical processing, electronics, energy storage, and medical devices.

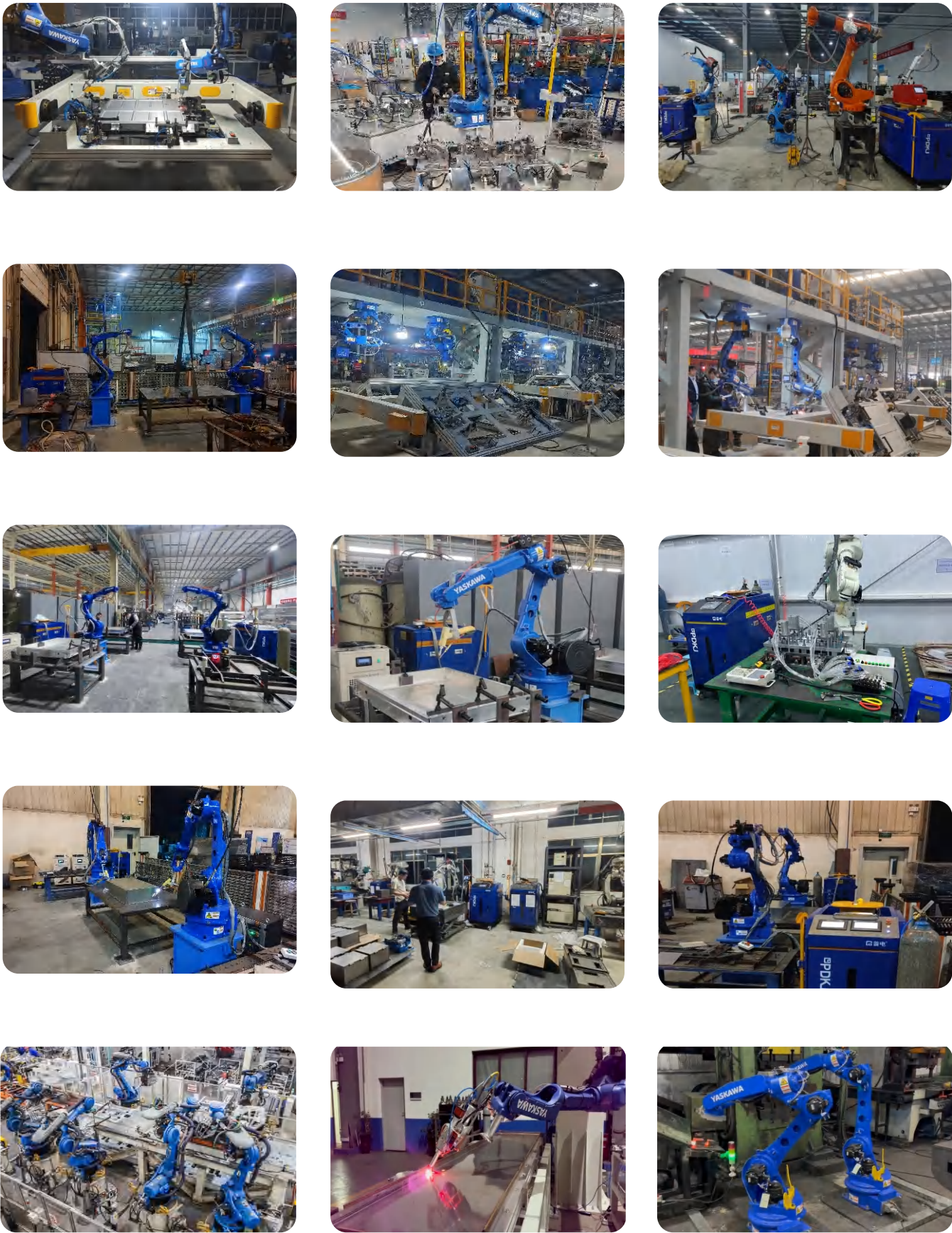
Power: 1500W-3000W

Robot six-axis laser welding machine

Intelligent manufacturing industry



Intelligent manufacturing industry



PDKJ Robotic welding system Samples

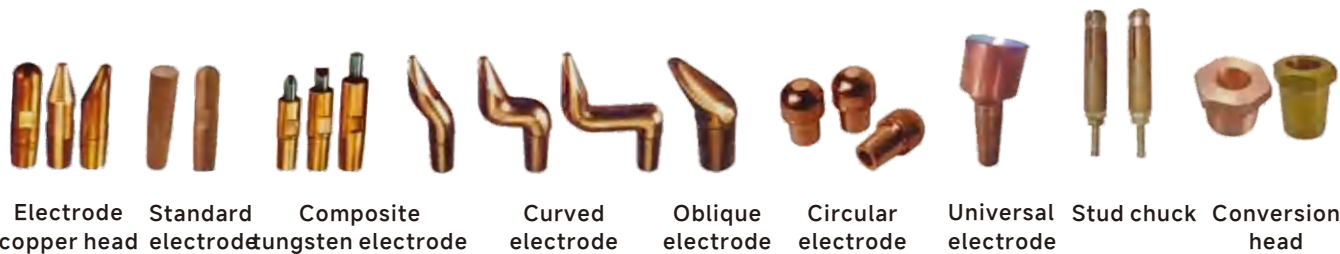


Accessories for spot welding machine

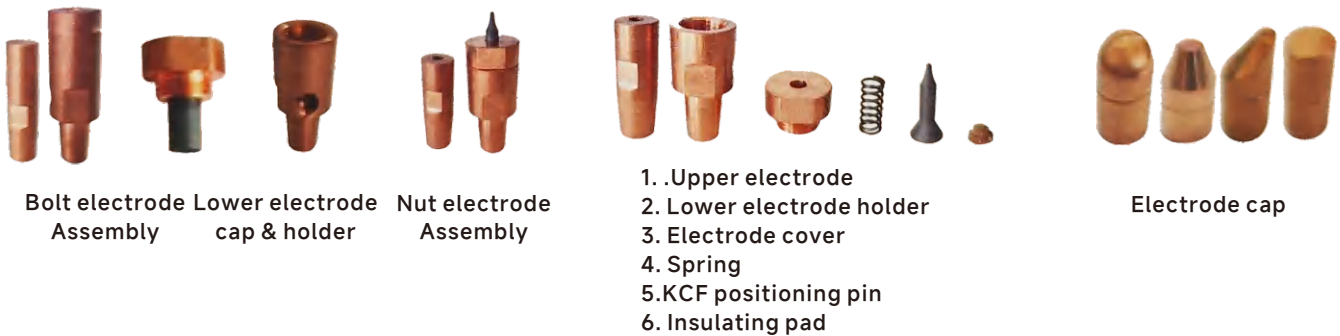
▶ Materials for electrode customization



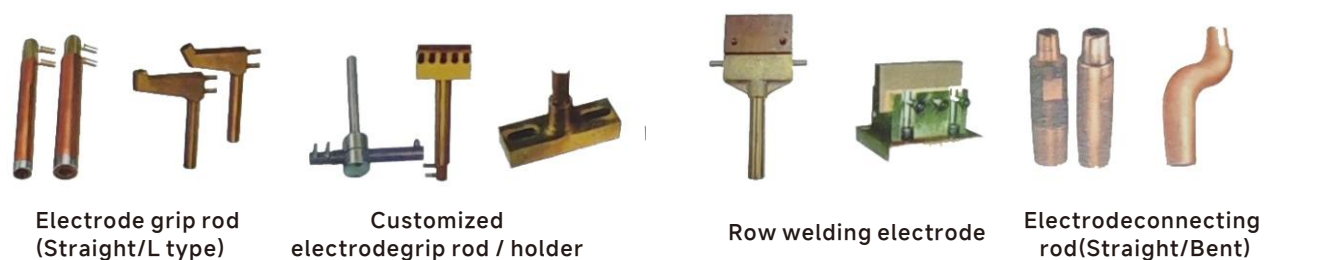
▶ Electrode head



▶ Electrode for bolt welding ▶ Electrode for nut welding ▶ Electrode cap



▶ Electrode grip rod

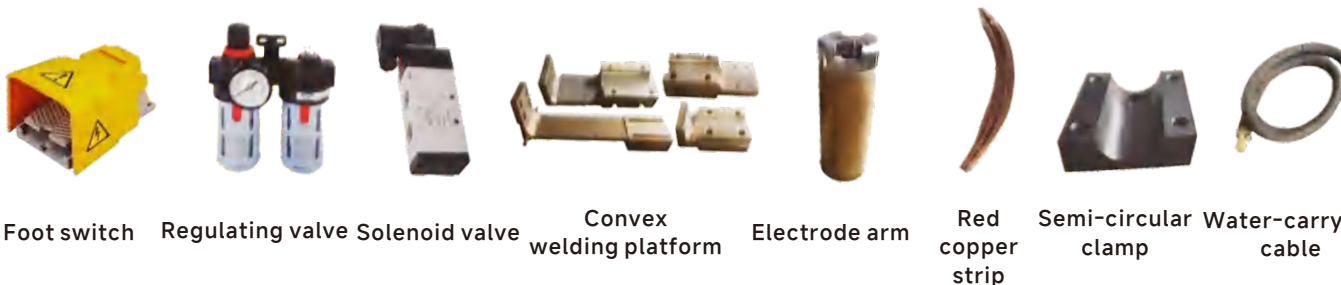


Accessories for spot welding machine

▶ Positioning pin ▶ Tool class



▶ Related accessories



▶ Essential components of the entire machine

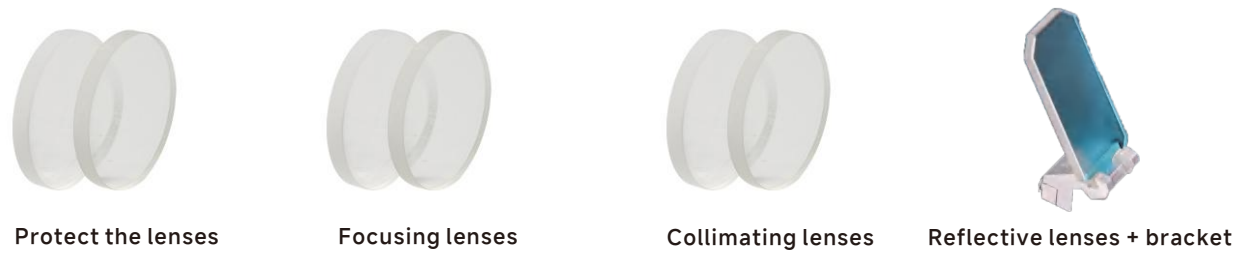


▶ Transformer



Accessories for laser welding machine

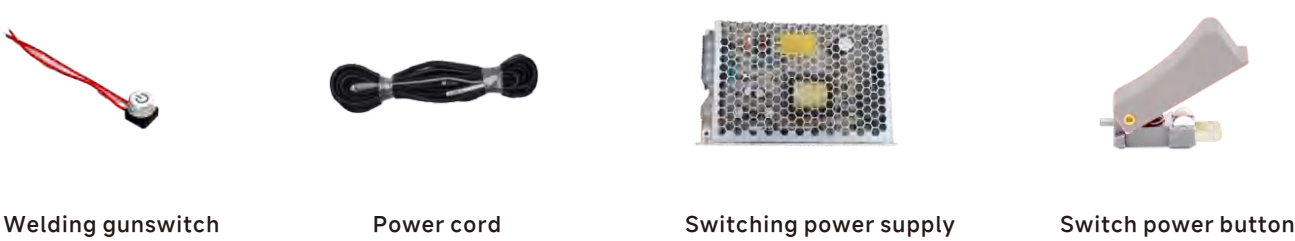
▶ Laser welding lenses



▶ Welding Gun Copper Nozzle



▶ Power supply unit



▶ Screen control panel ▶ Welding gun accessories

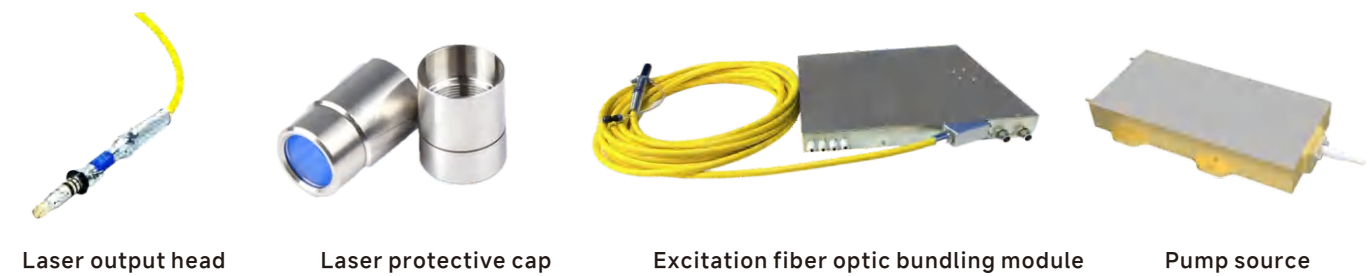


Accessories for laser welding machine

▶ Chiller accessories



▶ Other accessories



▶ Welding gun



▶ Laser generator

