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CHINA IKING INDUSTRIAL GROUP CO.,LTD 中国艾科实业有限公司







Steel bridge construction

Automobile manufacture





Industrial boiler



中国螺柱焊 天津艾科造 China Stud Welding Made by IKING Group

"艾科"品牌螺柱焊机广泛运用到各类工业项目 IKING stud welding products been used in many fields



Shipbuilding Industry

Steel construction project

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KING Patent KING Twelve No. 1

yristor Stud Welder

ST Series Stud Welder SN Series Stud Welder SM Series Submerged Stud Welder

GBT (Inverter) Stud Welder

----- SN7-D Series Inverter Dual-Gun Arc Stud Welder

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"IKING" is our brand, for over nine major series with several models, our products enjoy good popularity by over dozens of countries and areas.

★《Submerged arc stud welding machine flux hopper》★ utility model patent



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★《Capacitor discharge stud welding machine》★ utility model patent

IKING "TWELVE" CHINA FIRST

- 1. First company to R&D the stud welding machine.
- 2. First company to launch "3150A stud welding machine test bench".
- 3. First company focused on researching the bolt welding process.
- 4. Chief editor for the first issued stud welder standard in China: JB/T8323-96 "Stud Welding Machine".
- 5. Chief editor for the first issued steel metallurgy industry standard in China. YB4353-2013 "Bolt welding technology regulation".
- 6. Chief editor for the first issued construction industry standard in China. JGJ 18-2012 "The reinforcing bar welds and checks and accepts regulations".
- 7. Main compiling company for the first association standards of China engineering construction standardization CECS 226:2007 "Bolt welding technology regulation"
- 8. Exclusive possession for 2 invention patents: "Submerged arc stud welding machine" and " Gun cooling device"
- 9. Exclusive possession for 3 utility model patents: "Lightening protection sud welding machine", "Capacitor discharge stud welding machine" and "Submerged arc stud welding machine flux hopper"
- 10. First company to present the welding technology of M16 stainless stud and 20 chromium zirconium copper plate.
- 11. Firstly establishing the horizontal, over head and all position studs welding technology for 22 bolt and successfully being applied to the manufacturing of "160,000 tons carbon calcining kiln, rotary kiln" and "shield machine".
- 12. First company to mass customization 9 series stud welding machine with dozens of models.

products can be supplied with CE, ISO certificate etc., SWP (UK), CSCEC etc., all the successful experiences would pave the way for our successful cooperation in the future.





- China IKING Group, are the manufacture of stud welding products,
- with almost 30 years outstanding experiences in this field, quality
- Honorable clients of China IKING includes NELSON STUD (CHINA),





Theory: Drawn arc stud welding machine is a series of automatic processe that one end of the stud touch with the surface of the mother board (or the pipe piece), through the process of arc strike-lifting-main arc, and after the contact area is melted, a certain pressure is applied to the stud, then completing the welding.

Features: Drawn arc stud welding machine has the advantages of high welding efficiency, welding fast, simple operation, high welding strength, beautiful appearance, does not affect the material of the mother board and the stud itself, and there's no welding flux or welding materials to be needed neither.

Series: ST series Stud Welding Machine

SN series Stud Welding Machine

SM series Submerged Arc Stud Welding Machine

Application: Steel structure engineering, mechanical engineering, construction industry, tunnel engineering, sheet metal industry, high building engineering, industrial plant building, road, railway, bridge, tower, automobile, energy, transportation facilities, airport, station, power station, pipe bracket, lifting machinery and other steel structure industries.









- ST series stud welding machine is a kind of equipment that generates an arc between the welding end surface of a stud and the surface of another metal workpiece, and quickly applies pressure when the joint surface is melted to complete the welding. This series of equipment can usually weld M3-28 diameter studs on a thicker motherboard.
- Features:

The only manufacture of stud welding machine with welding current, welding time preset function in China, current and time can be digitally displayed. The soldering time can be accurately preset to 0.01 second, and the precise preset of the welding current can reach 1 ampere. This function greatly improves the reliability of the stud welder and the stability of the weld quality, meanwhile reducing the dependence on welding skills.

Special design mis-operation prevention function, it can effectively avoid repeated soldering of the same solder joint.

The power-on protection function has been added. This function can effectively prevent damage to the components such as the chuck and ferrule holder during machine starting.

With short circuit and open circuit protection function, in case of fault elimination, it only needs to be powered off and then turned off/on again to resume normal operation of the machine, which will not cause damage to the main circuit and control circuit board, reduce the failure rate of the machine, improve the welder's durability and extend service life.

- Multi-purpose machine: bolt welding, stud welding and manual arc welding, easy operation.
- Application areas: stud welding in steel structure industry, welding of embedded parts in nuclear power station, bridge and high-speed rail industry, welding of industrial furnace water-cooled nails or Y-shaped nails, welding of wear-resistant nails in mechanical engineering industry, maintenance of chemical plants, etc.

ST Series Stud Welding Machine Technical Data Sheet

Technical Parameter

Model	ST-1600-3	ST-2500-3	ST-3150-3		
Stud Weld Range	Φ6-18mm	Φ10-25mm	Φ10-28mm		
Max Weld Current	1600A	2500A	3150A		
Regulated Output (Stud)	100-1600A	200-2500A	200-3150A		
Regulated Output (MMA)	100-630A	200-800A	200-1000A		
Timing Control		100-2800ms			
Mary World One ad	15pc/16mm/min	15pc/19mm/min	15pc/22mm/min		
Max Weld Speed	20pc/8mm/min	20pc/10mm/min	20pc/13mm/min		
Applied Patent	Invention Patent Gun Cooling Device				
Main Circuit	Full Bridge Controlled Rectifier				
Control Circuit	Micro-processor Controlled				
Repeat Cycle Lock	Automatic				
Power Input	3 phase, 380VAC/50Hz/60Hz (other voltages available)				
Allowable Input Voltage Fluctuation Range	±10%				
Power Cable Spec.	$3 \times 16 \text{mm}^2 + 1 \times 8 \text{mm}^2$	$3 \times 25 \text{mm}^2 + 1 \times 10 \text{mm}^2$	$3 \times 25 \text{mm}^2 + 1 \times 10 \text{mm}^2$		
Control Cable Spec.		4wires(1mm² /pc)			
Max Length of Extension Welding Cable		100m			
Max Length of Earth Lead Cable		20m			
Protection Class		IP23			
Dimension (L x W x H)	950mm*480mm*700mm	1060mm*590mm*740mm	1060mm*590mm*740mm		
Machine Weight	205kg 342kg		350kg		
Multi-Process	Bolt Wel	ding, Stud Welding, MMA			
Gas Shield Arc Welding	Optional				
Standard Stud Gun	SNQ7/SNQ8/SNQ9 SNQ8/SNQ9				















- SN series arc stud welding machine is a kind of equipment that generates an arc between the stud welding end surface and the surface of another metal workpiece, and quickly applies pressure when the joint surface is melted to complete the welding. Arc stud welders can usually weld M3-28 diameter studs on thicker mother boards.
- Features:

The welding efficiency is fast, the welding strength is high, the shape is beautiful, it does not affect the material of the base metal and the stud itself, and there is no need to add any welding materials;

The SCR rectification method is mature in technology, simple in structure, and reliable;

The fifth-generation optimized main power supply can accurately control the welding process and improve the welding quality and stability;

MCU controls welding current and welding time, continuously adjustable, precise and accurate;

- Multi-purpose machine: Stud welding and manual arc welding are easy to convert and easy to use
- Application areas: stud welding in steel structure industry, welding of embedded parts in nuclear power station, bridge and high-speed rail industry, welding of industrial furnace water-cooled nails or Y-shaped nails, welding of wear-resistant nails in mechanical engineering industry, maintenance of chemical plants, etc.

SN Series Arc Stud Welding Machine Technical Data Sheet

Technical Parameter

Model	SN-1600-5	SN-2500-5	SN-3150-5			
Stud Weld Range	Φ6-18mm	Ф10-25mm	Ф13-28mm			
Max Weld Current	1600A	2500A	3150A			
Regulated Output (Stud)	100-1600A	200-2500A	200-3150			
Regulated Output (MMA)	100-630A	200-800A	200-1000A			
Timing Control		100-2800ms				
May World On and	12pc/16mm/min	12pc/19mm/min	12pc/22mm/min			
Max Weld Speed	18pc/8mm/min	18pc/10mm/min	18pc/13mm/min			
Applied Patent	Inventior	Patent Gun Cooling Devic	e			
Main Circuit	Full B	Full Bridge Controlled Rectifier				
Control Circuit	Micro-processor Controlled					
Repeat Cycle Lock	Automatic					
Power Input	3× (2	3×(220-440)V / 50~60Hz				
Allowable I nput Voltage Fluctuation Range		±10%				
Power Cable Spec.	3×16mm ² +1×8mm ²	3×25mm ² +1×10mm ²	$3 \times 25 \text{mm}^2 + 1 \times 10 \text{mm}^2$			
Control Cable Spec.		4×1mm ²				
Max Length of Extension Welding Cable		100m				
Max Length of Earth Lead Cable		20m				
Protection Class		IP23				
Dimension (L x W x H)	950mm*480mm*700mm	1060mm*590mm*740mm	1060mm*590mm*740mm			
Machine Weight	205kg	340kg	350kg			
Multi-Process	S	Stud Welding, MMA				
Gas Shield Arc Welding	Optional					
Standard Stud Gun	SNQ7/SNQ8/SNQ9 SNQ8/SNQ9					











SM Series Submerged Stud Welder

SM series submerged arc stud welding machine





SM series submerged arc stud welding machine is a kind of equipment specially used for stud welding of steel embedded parts; under the protection of flux (replacement of porcelain ring), arc is generated between the end surface of stud and the surface of metal workpiece, and the surface to be joinedAfter melting, apply pressure quickly to complete the welding. The submerged arc stud welding machine can weld M10-32 rebar.

Features:

Rebar with irregular surface can be welded;

Choose flux instead of porcelain ring as stud welding protection material, and the flux can be reused; The welding strength is high, the welding meat is full, and the material of the base metal and the stud itself is not affected:

The SCR rectification method is mature in technology, simple in structure, and reliable;

The fifth-generation optimized main power supply can accurately control the welding process and improve the welding quality and stability;

MCU controls welding current and welding time, continuously adjustable, precise and accurate;

Multi-purpose machine: Submerged arc stud welding, stud welding and manual arc welding are easy to convert and easy to use.

Applicable fields: welding of steel embedded parts in nuclear power plants, bridges and high-speed rail industries, welding of large or super large venues, high-speed railway stations, steel embedded studs, steel structure industry steel embedded studs, etc.

SM Series Submergedd Arc Stud Welding Machine Technical Data Sheet

Technical Parameter

Model	SM-1600-2	SM-2500-2	SM-3150-2		
Stud Weld Range	Φ 8-20mm	Φ10-28mm	Ф14-38mm		
Max Weld Current	1600A	2500A	3150A		
Regulated Output (Stud)	100-1600A	200-2500A	200-3150A		
Regulated Output (MMA)	100-630A	200-800A	200-1000A		
Timing Control		100-16500ms			
	2pc/20mm/min	2pc/28mm/min	2pc/36mm/min		
Max Weld Speed	6pc/8mm/min	6pc/10mm/min	6pc/14mm/min		
Applied Patent	Invention Patent Gun Cooling	Invention Patent Gun Cooling Device/Submerged Arc Stud Welding Machine			
Main Circuit	Full B	Full Bridge Controlled Rectifier			
Control Circuit	Micr	Micro-processor Controlled			
Repeat Cycle Lock		Automatic			
Power Input	3*	3*(220~440)V/50~60Hz			
Allowable Input Voltage Fluctuation Range		± 10%			
Power Cable Spec.	3*16mm ² +1*8mm ²	3*16mm ² +1*8mm ² 3*25mm ² +1*10mm ² 3*25mm ² +1*10mm ²			
Control Cable Spec.		4×1mm ²			
Max Length of Extension Welding Cable		50m			
Max Length of Earth Lead Cable		10m			
Protection Class		IP23			
Dimension (L x W x H)	950mm*480mm*700mm	1060mm*590mm*740mm	1060mm*590mm*740mm		
Machine Weight	205kg	340kg	350kg		
Multi-Process	Stud Welding, MM	Stud Welding, MMA,Bolt Welding,Submerged Welding			
Gas Shield Arc Welding	Optional				
Standard Stud Gun	SNQ6				









Theory: It is designed by the principle of IGBT high frequency inverter technology. The power source consists of core components such as high-power IGBT, high-frequency transformer, fast recovery diode, digital control circuit etc.

Features: The characteristics of inverter drawn arc stud welding machine is light weight, easy maintenance, stable and reliable welding quality, energy saving etc.

Series: SN7 Series Arc Stud Welding Machine SN7-D Series Dual Gun Arc Stud Welding Machine

Application: Steel structure, shipbuilding, chemical, construction, metallurgy, automobile, bridge, industrial boiler etc.



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SN7 Series Arc Wtud Welding Machine



 SN7 series inverter arc stud welding machine is designed based on the principle of IGBT high frequency inverter technology. The power supply is composed of core components such as high-power IGBT, high-frequency transformer, fast recovery diode, and digital control circuit. The M3-25 diameter stud can be welded on a thicker motherboard.

KING

1KSN7-3150

Features:

Using high frequency inverter technology, small size and light weight;

The core control component of the host is a PIC single-chip microcomputer, and the welding current and welding time output are more accurate;

The core components are all selected international first-class brands;

It has the function of preventing repeated welding, which can prevent damage to equipment or or accessories caused by secondary welding;

Multi-purpose machine: Stud welding and manual arc welding are easy to convert and use.

 Application areas: stud welding in steel structure industry, welding of embedded parts in nuclear power station, bridge and high-speed rail industry, welding of industrial furnace water-cooled nails or Y-shaped nails, welding of wear-resistant nails in mechanical engineering industry, maintenance of chemical plants, etc.

SN7 Series Welding Machine Technical Data Sheet

Technical Parameter

Model	SN7-800	SN7-1200	SN7-1600	SN7-2500	SN7-3150	
Stud Weld Range	Φ 3-12mm	Φ 5-16mm	Φ 6-18mm	Ф10-25mm	Φ 10-28mm	
Max Weld Current	800A	1200A	1600A	2500A	3150A	
Regulated Output (Stud)	100-800A	100-1200A	100-1600A	200-2500A	200-3150A	
Regulated Output (MMA)	100-800A	100-1200A	100-1600A	200-2500A	200-3150A	
Timing Control	30-15	500ms		400-3000ms		
Max Weld Speed	16pc/M8/min	16pc/M10/min	16pc/M12/min	16pc/ Ф19/min	16pc/ @22/min	
Main Circuit			IGBT			
Control Circuit			PIC/DSP			
Repeat Cycle Lock		Automatic				
Power Input		3phase, 380~440VAC/50-60Hz				
Allowable Input Voltage Fluctuation Range		± 10%				
Power Cable Spec.	3×16mm ² +1×6mm ² 3×16mm ² +1×8mm ² 3×16mm ² +1×8mm ² 3×25mm ² +1×10mm ² 3×25mm ² +1×10mm ²					
Control Cable Spec.		4×1mm ²				
Max Length of Extension Welding Cable			100m			
Max Length of Earth Lead Cable			20m			
Protection Class			IP23			
Dimension (L x W x H)	640mm*420mm*550mm	640mm*440mm*570mm	640mm*460mm*600mm	700mm*440mm*740mm	700mm*440mm*800mm	
Machine Weight	45kg 55kg 60kg 95kg 105kg					
Multi-Process		Stud Welding, MMA				
Gas Shield Arc Welding	Optional					
Standard Stud Gun	SNQ7 SNQ7/SNQ8 SNQ8/SNQ9				/SNQ9	



18 / 专业 | 专注 | 专长



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SN7-D Series Dual Gun Arc Wtud Welding Machine



- SN7-D series inverter arc stud welding machine is designed based on the principle of IGBT high frequency inverter technology. The power supply is composed of core components such as high-power IGBT, high-frequency transformer, fast recovery diode, and digital control circuit. The M6-25 diameter stud can be welded on a thicker motherboard.
- Features:

One machine equipped with two welding guns, welding at the same time, not affect each other and has stable quality. It is especially suitable for the projects with short-term schedule and large quantity studs, which greatly

improves construction efficiency and save cost.

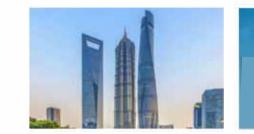
Specially used for stud welding of various sizes of 6-25mm in diameter for all-position welding, especially for Composite Steel deck through welding. Welding current and welding time can be preset, ensure consistent welding effects. With function of automatic detection and identification, prevent damage to equipment and accessories caused by repeat welding.

Applicable fields: stud welding in steel structure industry, welding of embedded parts in nuclear power station, bridge beam and high-speed rail industry, welding of industrial furnace water-cooled nails or Y-shaped nails, welding of wear-resistant nails in mechanical engineering industry, maintenance of chemical plants, etc.

SN7-D Series Dual Gun Arc Stud Welding Machine Technical Data Sheet

Technical Parameter

Model	SN7-1600D SN7-2500D		
Stud Weld Range	Φ 6-19mm Φ10-25mm		
Max Weld Current	1600A 2500A		
Regulated Output (Stud)	100-1600A 200-2500A		
Regulated Output (MMA)	100-1600A	200-2500A	
Timing Control	400-30	000ms	
Max Weld Speed	32pc/M16/min	32pc/ 019/min	
Main Circuit	IG	ВТ	
Control Circuit	PIC	/DSP	
Repeat Cycle Lock	Automatic		
Power Input	3phase, 380~4	40VAC/50-60Hz	
Allowable Input Voltage Fluctuation Range	±1	0%	
Power Cable Spec.	$3 \times 16 \text{mm}^2 + 1 \times 8 \text{mm}^2$	$3 \times 25 \text{mm}^2 + 1 \times 10 \text{mm}^2$	
Control Cable Spec.	4×1	.mm ²	
Max Length of Extension Welding Cable	50	Om	
Max Length of Earth Lead Cable	1	0m	
Protection Class	IF	223	
Dimension (L x W x H)	700mm*440mm*800mm	700mm*440mm*800mm	
Machine Weight	90kg	96kg	
Multi-Process	Stud Weld	ding, MMA	
Gas Shield Arc Welding	Optional		
Standard Stud Gun	SNQ8/SNQ9		







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Theory: The short-cycle arc stud welding machine is to contact one end of the stud with the thinner mother board (or pipe fitting) surface, through a series of automatic processes such as arc ignition-liftingmain arc-upsetting. After the contact surface is melted, the screw The column is inserted into the molten pool with a certain pressure, and is a welding process that is completed in a very short time (usually several milliseconds to tens of milliseconds).

Features: Short-cycle stud welding has the advantages of extremely fast welding time, high welding strength, beautiful shape, less heat impact on the mother board, and does not affect the material of the base material and the stud itself, and does not require any flux or

welding material.

Series: SSC Series Inverter Arc Stud Welder

SCT Series Thyristor Arc Stud Welder

Application: Automotive sheet metal, high-voltage complete sets, special vehicles, power systems, machinery manufacturing, etc.



SSC Series Inverter Arc Stud Welder

SSC Series Inverter Arc Stud Welder

Short Cycle Stud Welder



- SSC series short cycle arc stud welding machine can weld studs below M12 (inclusive) on a relatively thin mother board in a very short time (the thickness of the mother board is greater than 1/8 of the diameter of the stud). There are three modes to choose from: gas protection, porcelain ring protection, and no protection.
- The power supply has a very high load regulation rate, which can output a large welding current in a very short time;
- Very short welding time, welding can be completed within tens of milliseconds;
- The material range of weldable studs is wide, including: carbon steel, stainless steel, aluminum, etc.;
- For the mother board is stainless steel, carbon steel, galvanized sheet or aluminum sheet, it has a relatively good welding effect.
- Using inverter technology, small size, light weight, energy saving and environmental protection;
- Integrated main filter to improve the EMC performance of the machine;
- The arc is stable, the welding strength is high, and the weld meat is beautifully formed.
- Applicable fields: widely used in automobile sheet metal, high-voltage complete sets, special vehicles, machinery manufacturing and other industries.

SSC series Inverter Arc Stud Welder Machine Technical Data Sheet

Technical Parameter

Model	SSC-800i	SSC-1000i			
Circuit topology	Full bridge inverter, full wave rectification				
Power Input	3phase,380~440VAC/50-60Hz				
Allowable Input Voltage Fluctuation Range	±10%				
Power Cable Spec.	3*10m	m²+1*6mm²			
Solderable stud material	Carbon steel, stainle	ss steel, aluminum, etc.			
Main Circuit		IGBT			
Ferrule protection welding range	3-12mm	3-14mm			
Short cycle welding range	3-8mm	3-12mm			
Gas shielded welding range	3-10mm	3-12mm			
Max Weld Current	800A 1000A				
rc ignition current range	30-100A				
Ignition time range	10-100ms				
Aain arc current range	1001000A				
Main arc time rang	5-1000ms				
Nail drop time range	4-50ms				
Jpsetting current range	10	00-1000A			
Jpsetting time range		4-50ms			
Pre-ventilation time range	50	0-2000ms			
Max Weld Speed	25pcs/min(M8)	25pcs/min(M12)			
Control Cable Spec		7*1mm²			
Nax Length of Extension Welding Cable		20mm			
Max Length of Earth Lead Cable	10m				
Cooling Method	Air Cooling				
Protection Class	IP23				
Dimension (L x W x H)	600mm*320mm*400mm 600mm*320mm*400mm				
Machine Weight	35kg 38kg				







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SCT Series Thyristor Arc Stud Welder Short Cycle Stud Welder



 SCT series thyristor short-cycle arc stud welding machine can weld studs made of carbon steel, stainless steel, aluminum and other materials on a relatively thin mother board in a short time (the

thickness of the mother board is greater than 1/ of the stud diameter 8, and the thickness of the motherboard is greater than 0.6mm) There are three modes to choose from: gas protection, porcelain ring protection, and no protection.

- . The power supply has a higher load regulation rate and can output a large welding current in a short time;
- The welding time is short, and the welding can be completed in several to tens of milliseconds;
- Automatically compensate for grid voltage fluctuations;
- Stable arc, high welding strength, beautiful welding meat;
- Compact structure, small size, light weight, and convenient to move;
- The material range of weldable studs is wide, including: carbon steel, stainless steel, aluminum, etc.;
- The unique dual-channel design can realize that two sets of parameters of one device do not interfere with each other, and the economy is high;
- Applicable fields: automotive sheet metal, high-voltage complete sets, special vehicles, power systems, machinery manufacturing and other industries.

SCT Series Thyristor Arc Stud Welder Machine Technical Data Sheet

Technical Parameter

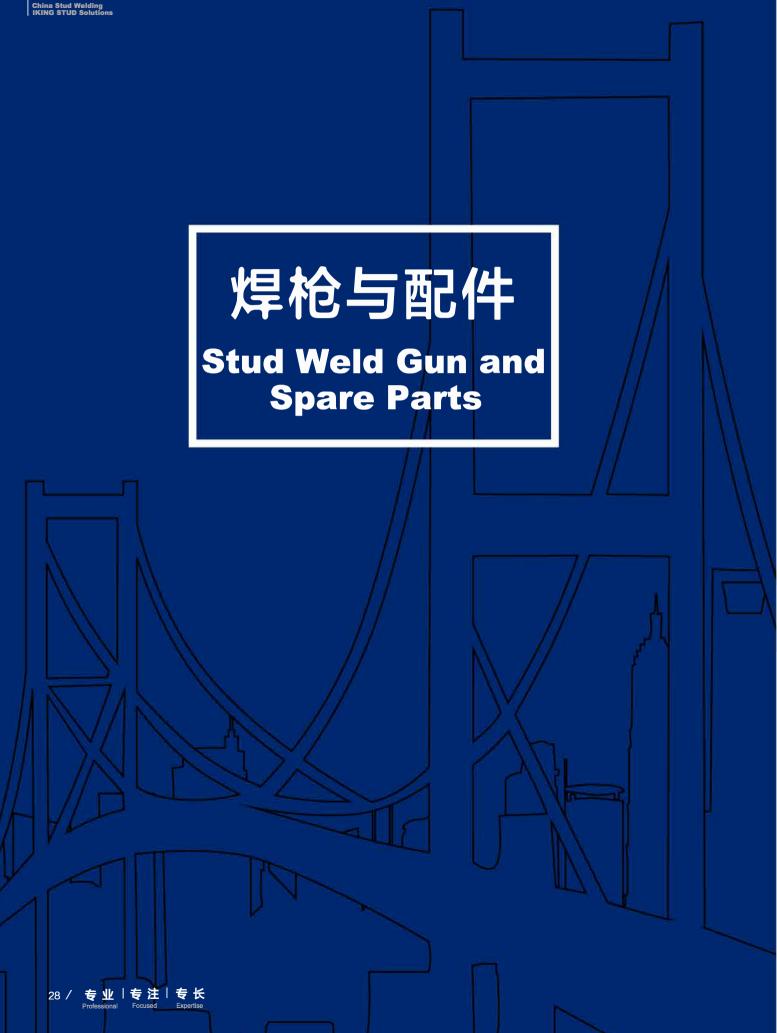
Model	SCT-500	SCT-500D	SCT-800	SCT-800D	SCT-1000	SCT-1000D
Circuit topology	Transformer rectification					
Power Input	3*(220-440)V / 50~60Hz					
Allowable Input Voltage Fluctuation Range	±10%					
Power Cable Spec.			3*10mm ²	+1*6mm²		
Solderable stud material		Carbon	steel, stainles	s steel, aluminu	um, etc.	
Output channel	Single channel	Dual channel	Single channe	Dual channel	Single channel	Dual channel
Industrial control interface			Op	tional		
Porcelain ring protection welding range	3-8	3-8mm 3-12mm 3-14mm				
Short cycle welding range	2-6mm 3-8mm 3-10mm					
Gas shielded welding range	2-8	2-8mm 3-10mm 3-12mm				2mm
Current optional gear	50	A00	8	00A	600/	1000A
Welding time range			5-1	00ms		
Pre-ventilation time range			100-	2000ms		
Max Weld Speed	25pcs/r	min(M6)	25pcs/	min(M8)	25pcs/r	min(M10)
Control Cable Spec			7*1	mm²		
Cooling method	Air cooling					
Protection Class			IF	23		
Dimension (L x W x H)	630mm*330mm*420mm 630mm*330mm*420mm 630mm*330mm*420mm					
Machine Weight	60kg	68kg	63kg	72kg	65kg	75kg













Theory: Use the clamp to clamp the stud to be welded, and complete the lifting action by the torque provided by electromagnetic, motor or cylinder, etc. After the lifting time is over, the stud is inserted into the molten pool by the spring, motor or cylinder.

Features: The arc stud welding torch has the advantages of suitable lifting force, high lifting accuracy, relatively smooth descent speed, consistent reciprocating performance, and good heat dissipation.

Series: SNQ6 arc welding

SNQ7 arc welding SNQ8 arc welding SNQ9 arc welding

Application: Thyristor Stud Welder IGBT (Inverter) Stud Welder SSC Series Inverter Arc Stud Welder SCT Series Thyristor Arc Stud Welder



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g gun			
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arc welding gun



SNQ7 arc welding gun



SNQ8 arc welding gun



- Cooling device been applied on stud weld gun, it is high reliable product.
- Good lift strength, wide range of lift adjustment
- Especially fitted with submerged arc stud welder
- Aluminium alloy material, good performance on solid and heat dispersion.
- Weld control cable with protective cover, with wearability and insulativity, Especially fitted with submerged arc stud welder improve reliability.
- Cooling device been applied on stud weld gun, it is high reliable product.
- Good lift strength, wide range of lift adjustment
- Particularly suitable for short cycle, gas shielded welding, etc.;
- The control cable has a protective sleeve to strengthen the insulation and improve the durability;
- Adopting injection-molded gun shell, the gun body is light in weight, easy to operate, and good in heat dissipation.
- Cooling device been applied on stud weld gun, it is high reliable product.
- Nylon gun shell, light weight and good hand feeling;
- Installed mechanical flexible damping to reduce welding spatter;
- The control cable is equipped with a protective sleeve to increase the wear resistance and insulation performance
- Improve reliability.
- Cooling device been applied on stud weld gun, it is high reliable product.
- Aluminium alloy material, good performance on solid and heat dispersion.
- A damping device is installed to reduce welding spatter;
- Reduce the safety risks of welders. Good welding quality and easy operation;
- The control cable is equipped with a protective sleeve to increase the wear resistance and insulation performance
- Improve reliability.

Arc Series Welding Gun Technical Data Sheet Technical Parameter

Model	SNQ6	SNQ7	SNQ8	SNQ9	
Gun shell material	Cast aluminum	Modified nylon	Nylon	Cast aluminum	
Damping device	1	/	Have	Have	
Welding diameter range	M12-28	M3-12	M10-25	M12-28	
Maximum lifting height	15mm	8mm	15mm	15mm	
Drive way	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	
Cooling device	Have	Have	Have	Have	
Solderable materials	Carbon steel, Stainless steel, Alloy				
Gas protection	/	Can match	/	/	
Short cycle welding	/	Adaptation	/	1	
Long cycle welding		Adap	tation		
Welding cable specification	70/95mm²	35mm²	70/95mm²	70/95mm ²	
Welding cable length	2m	5m	2m	2m	
Control cable specification	4*1mm²	7*1mm²	4*1mm²	4*1mm²	
Control cable length	2m	5m	2m	2m	
Weight (without cable)	2.4kg	1.0kg	2.0kg	2.5kg	
Adapted models	SN/SM/ST/SN7	SSC/SN/SN7	SN/SM/ST/SN7	SN/SM/ST/SN7	







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T-type stud chuck and Ferrule holder



Straight stud chuck and Ferrule holder



Shear studs and Ferrule



Chuck Screw





Bunker of Submerged-arc Welding

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Stainless steel threaded studs





Cooperation Case



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