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抖音

Brand Design 18666372697

Sharp tools make good work

Pulse-MIG-II(IX) • WSM(Pulse TIG-DC) • MIG-X(M)
WSME(Pulse TIG AC-DC) • SAW(AC/DC) • MMA • CUT
Digital high-end inverted welder series

FOSHAN SHUNDE BINGO WELDING EQUIPMENG., LTD

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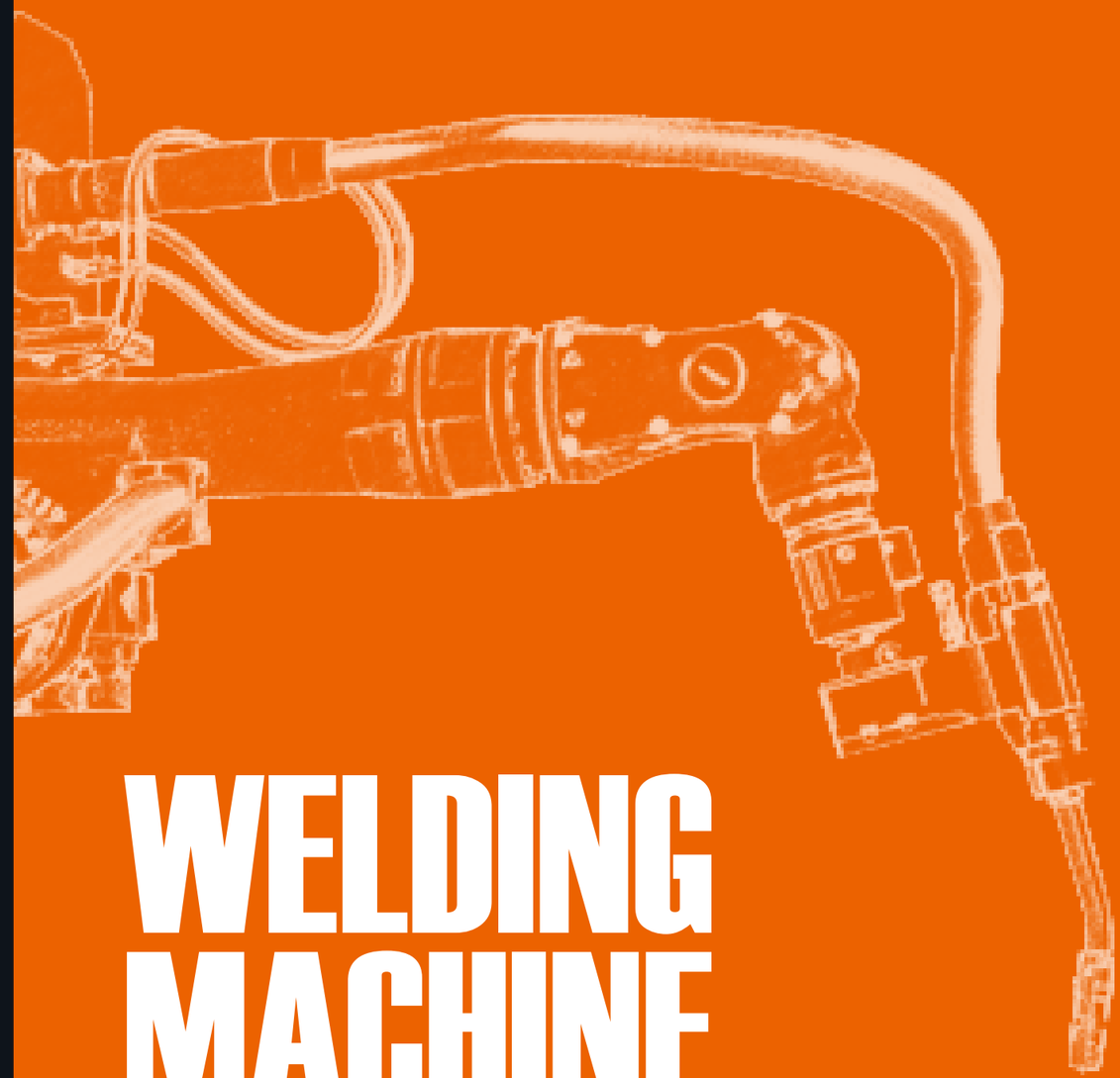


WELDING MACHINE

MIG TIG CUT MZ ARC

series welding machine

ROBOT WELDING • SHARP TOOLS MAKE GOOD WORK •

Smart / high efficiency / precision / stability
Digital high-end inverted welder series

GO FORWARD NEVER STOP

Foshan Shunde BinGo Welding Equipment Co., Ltd Focusing on intelligent welding equipment, Is a professional enterprise engaged in research and development, production, and sales. The company specializes in the production of manual series and supporting robot series of welding equipment. Our products include multifunctional MIG gas shielded welding machines, multifunctional TIG argon arc welding machines, submerged arc welding machines, plasma cutting machines, etc. Our products cover multiple application fields and provide one-stop welding solution services.

ROBOT WELDING
SMART TOOLS MAKE GOOD WORK

Smart / high efficiency / precision / stability

MIG-II-R
MIG-IX-R
MIG-MR
MIG-IIR-TWINS

WELDING ROBOT

WELDING ROBOT

WSME-R
WSME-RM

WELDING ROBOT

CUT-R

CUTTING ROBOT

WSM-R
WSM-RM
WSM-RH

WELDING ROBOT

SAW-R
SAW-ER
SAW-R-TWINS

WELDING ROBOT

BINGO NET

Make connection easier

The digital communication interface of the general international standards

CHAIFU · CROBOTP · KUKA · EFORT · GSK · MOKA · QAEHOAE · FANUC · YASKAWA · BAYKAL · COMAU · ABB · Kawasaki · ESTUN AUTOMATION · DOBOT · SIASUN · igm · YOOHEART · TURIN · QJAR · LBBBD · FAIRINO · BORUNTE · INOVANCE · AUBO · STEP

Device Net	RS485	CANOPEN	Ether NetIP
IO	CAN	Ether CAT	PROFINET

The flexible and versatile interface can be matched with a series of imported and domestic robots such as KUKA, ABB, FANUC, IGM, YASKAWA, COMAU, SIASUN, ESTON, CRP, CHAIFU, BAYKAL, QJAR, YOOHEART, GSK, BORUNTE, TURIN, EFORT, LBBBD, etc.

ROBOT

Arc tracking
HV position-Finding

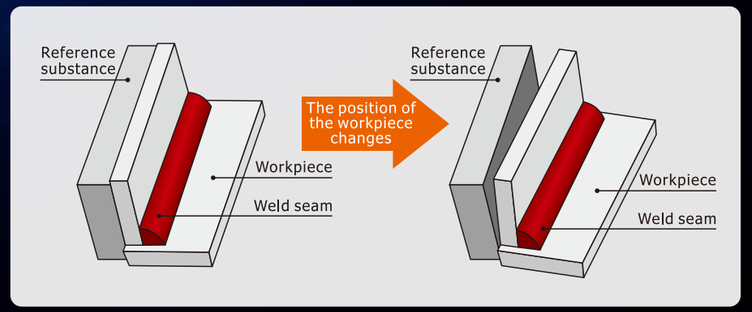
Smart / high efficiency / precision / stability

HIGH-SPEED TRANSMISSION
HIGH-VOLTAGE POSITIONING

The sensor is independently controlled and can be used for seam tracking under different welding conditions. The sensor can be used in conjunction with the BINGO NET robot communication module to track fillet welds, butt welds, lap welds and other types of welds, effectively avoiding the problem of low accuracy of medium and thick plate components and weld deviation caused by welding thermal deformation.

This sensor is suitable for MIG, TIG, CUT, SAW welding/cutting process of real-time acquisition of welding/cutting current, voltage parameters

- Output voltage is 80-200V adjustable, effective breakdown of oil, rust, water marks;
- The response speed is fast, to avoid the problem of communication time delay caused by the complex calculation inside the welding machine;
- At the same time, support nozzle, welding wire positioning.



TIG CUT

Interference isolation

Smart / high efficiency / precision / stability

ISOLATED CONVERSION STABLE RELIABLE

BINGO interference isolation module is mainly to solve the problem of signal isolation and signal conversion caused by the high-frequency and arc-starting moment of TIG welding&plasma cutting, improve the stability and reliability of the equipment, and effectively ensure the accuracy and safety of data transmission, and play an effective role in protecting the welding robot.

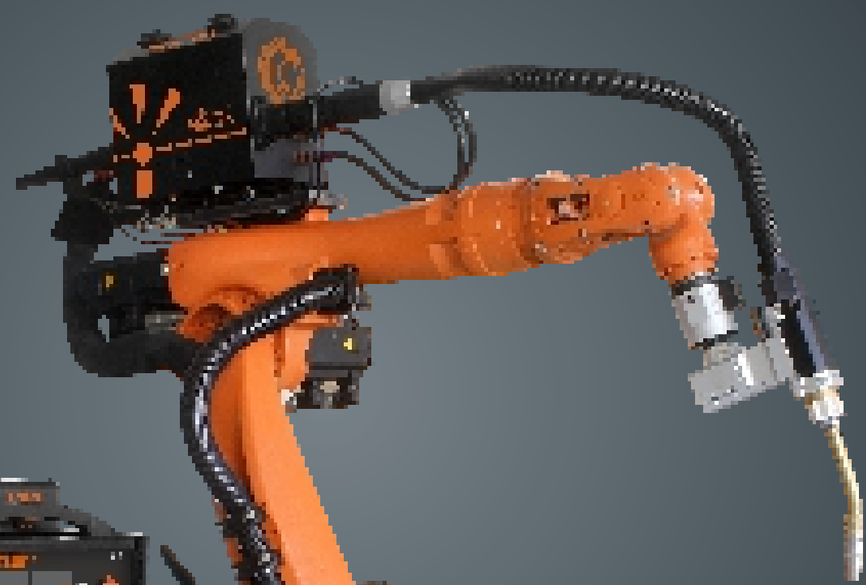
Pulse MIG/MAG -IIR

Inverted double pulse MIG/MAG gas shielded welding machine

MIG/MAG Constant voltage

MIG/MAG Pulse

MIG Robot welding



MULTIFUNCTIONAL DOUBLE PULSE

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Aluminum alloy
- ☑ Copper alloy
- ☑ Flux-cored Solder Wires

Special wire feeder for collaborative robots

ROBOT WELDING · IGBT Insulated Gate Bipolar Transistor · 3

Technical parameters

Model		Pulse MIG-350IIR	Pulse MIG-500IIR
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)		17.1	27.6
Rated input current (A)		26	42
Rated output voltage (V)		31.5	39
Duty cycle (%)		100	100
Output no-load voltage (V)		85	85
Output current range (A)		20~350	20~500
Output voltage range (V)		14~40	14~50
Welding wire diameter (mm)		0.8、1.0、1.2	0.8、1.0、1.2、1.6
Welding wire type	Pulse characteristics	Solid carbon steel/carbon steel flux-core、stainless steel solid/stainless steel flux-core、Al-Mg alloy、pure aluminum and Al - Si alloy、copper and copper alloy	
	Constant voltage characteristic	CO_2 carbon steel、carbon steel、carbon steel flux-core	
Wire feeding type		Push/Push-pull	
Torch cooling mode		Water cooling / Air cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	

Pulse MIG/MAG -IIR-TWINS

Inverted double wire pulse MIG/MAG gas shielded welding machine

MIG
Robot welding

MIG/MAG
Arc twins

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Aluminum alloy
- ☑ Copper alloy

Process characteristics:

1.Two welding wires are mixed back and forth at a certain angle. The welding current of the front wire is relatively high, which is conducive to forming a larger penetration depth. The current of the back wire is slightly small, which plays a role in filling the cover surface.

2.Two welding wires heated each other, fully utilizing the energy of the arc to achieve a higher deposition rate, allowing sufficient fusion of molten metal and base metal in the molten pool, resulting in a beautiful weld formation.

3.Greatly enlargement the size of the molten pool, The gas in the molten pool has sufficient time to precipitate, and the tendency of pores is extremely low.

4.Although this welding method has a high current, the welding speed is fast, so the heat input is actually small and the welding deformation is also very small. Compared with other welding techniques, the deposition speed is faster, higher welding efficiency, better welding quality, and less spatter.

5.The power supply for both arcs is fully digital, with simple operation and flexible setting of the host and slave states. The welding parameters are easy to match, and each parameter of each pulse arc can be accurately adjusted to obtain the best heat input distribution, resulting in good formed welds and stable penetration.

6.For thin plate welding, the main goal is to improve the welding speed. By using high-speed double wire MIG/MAG welding, the distribution of welding Temperature field and arc force has been improved due to changing the arc shape, which can significantly increase the welding speed and improve the weld formation.

Technical parameters

Model		Pulse MIG-500IIR-TWINS
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz
Rated input capacity (KVA)		27.6x2
Rated input current (A)		42x2
Rated output voltage (V)		39
Duty cycle (%)		100
Output no-load voltage (V)		85
Output current range (A)		20~500
Output voltage range (V)		14~50
Welding wire diameter (mm)		0.8、1.0、1.2、1.6
Welding wire type	Pulse characteristics	Solid carbon steel/carbon steel flux-core、stainless steel solid/stainless steel flux-core、copper and copper alloy、Al-Mg alloy、pure aluminum and Al-Si alloy
	Constant voltage characteristic	CO_2 carbon steel、carbon steel、 carbon steel flux-core
Wire feeding type		Push/Push-pull
Torch cooling mode		Water cooling / Air cooling
Enclosure protection grade		IP23S
Insulation grade		H/B

Pulse MIG/MAG -IXR

Inverted single pulse MIG/MAG gas shielded welding machine

MIG/MAG Constant voltage

MIG/MAG Pulse

MIG Robot welding

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Copper alloy
- ☑ Flux-cored Solder Wires

Special wire feeder for collaborative robots

Technical parameters

Model		Pulse MIG-350IXR	Pulse MIG-500IXR
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)		17.1	27.6
Rated input current (A)		26	42
Rated output voltage (V)		31.5	39
Duty cycle (%)		100	100
Output no-load voltage (V)		85	85
Output current range (A)		20~350	20~500
Output voltage range (V)		14~40	14~50
Welding wire diameter (mm)		0.8、1.0、1.2	0.8、1.0、1.2、1.6
Welding wire type	Pulse characteristics	Solid carbon steel/carbon steel flux-core、stainless steel solid/stainless steel flux-core、copper and copper alloy	
	Constant voltage characteristic	CO_2 carbon steel、carbon steel、carbon steel flux-core	
Wire feeding type		Push/Push-pull	
Torch cooling mode		Water cooling / Air cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	

MIG -MR

Inverted CO2 gas shielded welding machine

MIG/MAG

MIG
Robot welding

DUTY CYCLE
100%

- Carbon steel
- Flux-cored Solder Wires

Special wire feeder for collaborative robots

ROBOT WELDING

IGBT
Insulated Gate Bipolar Transistor

Technical parameters

Model	MIG-350MR	MIG-500MR	MIG-630MR
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz		
Rated input capacity (KVA)	17.1	27.6	36
Rated input current (A)	26	42	54
Rated output voltage (V)	31.5	39	44
Duty cycle (%)	100	100	100
Output no-load voltage (V)	70	85	86
Output current range (A)	20~350	20~500	20~630
Output voltage range (V)	14~40	14~50	14~50
Welding wire diameter (mm)	0.8、1.0、1.2	1.0、1.2、1.6	1.2、1.6、2.0
Welding wire type Constant voltage characteristic	CO_2 carbon steel、carbon steel、 carbon steel flux-core		
Wire feeding type	Push/Push-pull		
Torch cooling mode	Water cooling / Air cooling		
Enclosure protection grade	IP23S		
Insulation grade	H/B		

WSME -R/RM

Inverted automatic wire feeding AC/DC pulse argon arc welding machine

TIG
Cold wire welding

TIG
Impulse DC/AC

TIG
Constant current DC/AC

TIG
Robot welding

(R)

- Carbon steel
- Stainless steel
- Aluminum alloy
- Copper alloy
- Titanium alloy

(RM)

Special wire feeder for collaborative robots

(R)

R-Wire feeding machine
RM-Self melting machine

ROBOT WELDING
IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	WSME-315R/RM	WSME-500R/RM
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)	12.1	25.7
Rated input current (A)	18.5	32
Duty cycle (%)	AC60 / DC100	AC60 / DC100
Output no-load voltage (V)	63	79
Output current range (A)	5~315	10~500
Arc starting current (A)	10~315	10~500
Peak current (A)	5~315	10~500
Arc stopping current (A)	5~315	10~500
Time of current-increasing (S)	0.1~10	
Time of current-decreasing (S)	0.1~15	
Advance air supply time (S)	0.1~15	
Lagging time of gas-stopping (S)	0.1~20	
Pulse frequency (Hz)	AC0.2~250 / DC0.2~1000	
Pulse duty (%)	1~100%	
AC frequency (Hz)	20~250	
Clean width moddulation (%)	-40~40	
TIG arc strike method	HF arc	
Torch cooling mode	Water cooling	
Enclosure protection grade	IP23S	
Insulation grade	H/B	

WSM -R/RH/RM

Inverted automatic wire feeding (cold wire / hot wire)
DC pulse argon arc welding machine

TIG Cold (hot) wire welding
TIG Impulse DC
TIG Constant current DC
TIG Robot welding

Support Hot Wire Welding

(RH)

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Copper alloy
- ☑ Titanium alloy

(R) (RM) Hot wire power supply Special wire feeder for collaborative robots

R-Cold wire feeding machine
RH-Hot wire feeding machine
RM-Self melting machine

ROBOT WELDING · IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	WSM-400R/RH/RM	WSM-500RM
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)	17.1	25.7
Rated input current (A)	26	32
Duty cycle (%)	100	100
Output no-load voltage (V)	72	85
Output current range (A)	5~400	5~500
Arc starting current (A)	10~400	5~500
Peak current (A)	5~400	5~500
Arc stopping current (A)	5~400	5~500
Time of current-increasing (S)	0.1~10	
Time of current-decreasing (S)	0.1~15	
Advance air supply time (S)	0.1~15	
Lagging time of gas-stopping (S)	0.1~20	
Pulse frequency (Hz)	0.2~20	
Pulse duty (%)	1~100%	
TIG arc strike method	HF arc	
Torch cooling mode	Water cooling	
Enclosure protection grade	IP23S	
Insulation grade	H/B	

Hot wire parameters
Three-phase380V(+/-)10% 50Hz
2.6
4
100
16
5~200
H

CUT -R

Inverted plasma cutting machine

CUT
Cutting machine

CUT
Robot welding

ROBOT WELDING

IGBT
Insulated Gate Bipolar Transistor

Technical parameters

Model	CUT-100R	CUT-120R	CUT-160R	CUT-200R	CUT-300R	CUT-400R
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz					
Rated input capacity (KVA)	13.7	25.7	32	40	70	95
Rated input current (A)	22	39	43	54	95	132
Rated output voltage (V)	120	128	160	160	200	200
Output current range (A)	40~100	40~120	40~160	40~200	40~300	40~400
Output no-load voltage (V)	345	345	380	380	380	380
Duty cycle (%)	100					
Matching cutting torch	Air cooling	Air cooling	Water cooling	Water cooling	Water cooling	Water cooling
Air pressure of welding machine (MPa)	0.45~0.55					
Maximum cutting thickness of carbon steel (mm)	25	35	45	55	80	90
Optimal cutting thickness of carbon steel (mm)	1~12	1~18	1~25	1~30	1~40	1~50
TIG arc strike method	HF arc					
Enclosure protection grade	IP23S					
Insulation grade	H/B					

SAW-R

Inverted DC submerged arc welding machine
(double characteristics)

SAW(DC) constant -voltage SAW
SAW(DC) constant -current SAW
CAC-A Gouging
MMA Manual metal -arc welding
SAW Robot welding

DUTY CYCLE
100%

ROBOT WELDING
IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	SAW-630R	SAW-1000R	SAW-1250R	SAW-1500R
Rated input voltage / frequency	Three-phase380V(+/-)10% 50HZ			
Rated input capacity (KVA)	34	55	69	89
Rated input current (A)	51	83	115	140
Rated output voltage (V)	44	44	44	44
Duty cycle (%)	100	100	100	100
Output no-load voltage (V)	Submerged arc welding 87；hand arc welding 84			
Current regulation range (A)	50~630	50~1000	50~1250	50~1500
Voltage regulation range (V)	20~50			
Power factor	⩾0.88			
Welding wire diameter (mm)	1.6~3.0	1.6~5.0	1.6~6.0	1.6~6.0
Enclosure protection grade	IP23S			
Insulation grade	H/B			

SAW -ER

Inverted AC/DC submerged arc welding machine
(double characteristics)

SAW(AC/DC) constant -voltage SAW
SAW(AC/DC) constant -current SAW
CAC-A Gouging
MMA Manual metal -arc welding
SAW Robot welding

ROBOT WELDING
IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	SAW-1000ER
Rated input voltage / frequency	Three-phase380V(+/-)10% 50HZ
Rated input capacity (KVA)	55
Rated input current (A)	83
Rated output voltage (V)	44
Duty cycle (%)	100
Output no-load voltage (V)	90
Current regulation range (A)	50~1000
Voltage regulation range (V)	20~50
Power factor	≥0.88
Welding wire diameter (mm)	1.6~5.0
Enclosure protection grade	IP23S
Insulation grade	H/B

SAW -R-TWINS

Inverted AC/DC double-wire submerged arc welding machine
(double characteristics)

SAW(AC/DC)
Twin-wire SAW

CAC-A
Gouging

MMA
Manual metal
-arc welding

SAW
Robot welding

Support
Arc
Twins Welding

ROBOT WELDING · IGBT Insulated Gate Bipolar Transistor · 3

Technical parameters

Model	SAW-1000R-TWINS (SAW-1000+SAW-1000E)	SAW-1250R-TWINS (SAW-1250+SAW-1000E)	SAW-1500R-TWINS (SAW-1500+SAW-1000E)
Rated input voltage / frequency		Three-phase380V(+/-)10% 50HZ	
Rated input capacity (KVA)	55+55	69+55	89+55
Rated input current (A)	83+83	115+83	140+83
Rated output voltage (V)	44 / (44)	44 / (44)	44 / (44)
Duty cycle (%)	100 / (100)	100 / (100)	100 / (100)
Output no-load voltage (V)		Submerged arc welding 87；hand arc welding 84	
Current regulation range (A)	50~1000 / (50~1000)	50~1250 / (50~1000)	50~1500 / (50~1000)
Voltage regulation range (V)		20~50	
Power factor		≥0.88	
Welding wire diameter (mm)	1.6~5.0 / (1.6~5.0)	1.6~6.0 / (1.6~5.0)	1.6~6.0 / (1.6~5.0)
Enclosure protection grade		IP23S	
Insulation grade		H/B	

BINGO

MIG-II
MIG-IX
MIG-M
MIG-X

MANUAL WELDING

WELDING MACHINE

Pulse MIG/MAG 350/500II

Inverted double pulse MIG/MAG gas shielded welding machine

MMA
Manual metal -arc welding

CAC-A
Gouging

MIG/MAG
Constant voltage

MIG/MAG
Pulse

⎓ TIG
Constant current DC

Functions:

Pulse MIG/MAG, general MIG/MAG, manual metal-arc welding, lifting arc striking TIG and gouging.

Application industry:

High speed train, pressure vessel, automobile repacking, yacht, high-voltage switch and space division.

Features:

- CPU+DSP full digital high-precision control system precisely controls the waveform and realizes the perfect transition of one droplet per pulse, with the stable arc of welding, the lower spatter, good appearance of weld and high welding quality;
- The built-in welding expert database includes the precised parameters of welding waveform control, the parameters in the welding process and the arc striking and suppression parameters. It's convenient to adjust parameters and automatically match with the optimal parameters;
- The full digital CPU control high-precision control system of wire feeding and the two-drive and two-driven full digital control device of the wire feeding with the encoder ensure the stable wire feeding when the load of wire feeding changes or the net voltage fluctuates in the process of welding;
- The unified/separate adjustment is convenient to meet different using habits;
- It has four operation modes of two-step, four-step, special four-step and spot welding. In the welding of large specification long welding seams, the four-step or special four-step function reduces the labor strength of welders and improves the quality of welding joint;
- It rapidly meets the users' needs for special welding process. The full digital control technique can flexibly meet the special needs via modifying and upgrading of the software, without modifying the hardware;
- Users can store the self-defined parameters of welding process and manage the welding process and provide convenience for the varied welding of the same station through memorizing and using the parameters of the welding process;
- Protection functions: It includes short-circuit protection, overheating protection, protection of power grid, wire plugging protection and starting protection. The reasons of warning is recognized through the fault code, in order to guarantee the reliability of the welder and the safety of operator.

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Aluminum alloy
- ☑ Copper alloy
- ☑ Flux-cored Solder Wires

(Jap style)

(Eur style)

Digital display welding torch

MIG-II
Remote control box

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model		Pulse MIG-350II	Pulse MIG-500II
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)		17.1	27.6
Rated input current (A)		26	42
Rated output voltage (V)		31.5	39
Duty cycle (%)		MIG100 / MMA60	MIG100 / MMA60
Output no-load voltage (V)		85	85
Output current range (A)		20~350	20~500
Output voltage range (V)		14~40	14~50
Welding wire diameter (mm)		0.8、1.0、1.2	0.8、1.0、1.2、1.6、(2.0)
Welding wire type	Pulse characteristics	Solid carbon steel/carbon steel flux-core、stainless steel solid/stainless steel flux-core、Al-Mg alloy、pure aluminum and Al - Si alloy、copper and copper alloy	
	Constant voltage characteristic	Co_2 carbon steel、carbon steel、 carbon steel flux-core	
Wire feeding type		Push / Push-pull	
Gas flow (L/min)		15~20	
Hand arc welding	Welding current (A)	60~350	60~500
Welding torch cooling mode		Water cooling / Air cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	

Pulse MIG/MAG 350/500IX

Inverted single pulse MIG/MAG gas shielded welding machine

MIG/MAG Constant voltage

MIG/MAG Pulse

Functions:

Pulse MIG/MAG, general MIG/MAG.

Application industry:

High speed train, pressure vessel, automobile repacking, yacht, high-voltage switch and space division.

Features:

- CPU+DSP full digital high-precision control system precisely controls the waveform and realizes the perfect transition of one droplet per pulse, with the stable arc of welding, the lower spatter, good appearance of weld and high welding quality;
- The built-in welding expert database includes the precised parameters of welding waveform control, the parameters in the welding process and the arc striking and suppression parameters. It's convenient to adjust parameters and automatically match with the optimal parameters;
- The unified/separate adjustment is convenient to meet different using habits;
- Four operation modes of two-step, four-step, special four-step and spot welding exist. In the welding of large specification long welding seams, the four-step or special four-step function reduces the labor strength of welders and improves the quality of welding joint;
- It rapidly meets the users' needs for special welding process. The full digital control technique can flexibly meet the special needs via modifying and upgrading of the software, without modifying the hardware;
- Users can store the self-defined parameters of welding process and manage the welding process and provide convenience for the varied welding of the same station through memorizing and using the parameters of the welding process;
- Protection functions: It includes short-circuit protection, overheating protection, protection of power grid, wire plugging protection and starting protection. The reasons of warning is recognized through the fault code, in order to guarantee the reliability of the welder and the safety of operator.

DUTY CYCLE 100%

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Copper alloy
- ☑ Flux-cored Solder Wires

(Eur style)

(Jap style)

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model		Pulse MIG-350IX	Pulse MIG-500IX
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)		17.1	27.6
Rated input current (A)		26	42
Rated output voltage (V)		31.5	39
Duty cycle (%)		100	100
Output no-load voltage (V)		85	85
Output current range (A)		20~350	20~500
Output voltage range (V)		14~40	14~50
Welding wire diameter (mm)		0.8、1.0、1.2	0.8、1.0、1.2、1.6
Welding wire type	Pulse characteristics	Solid carbon steel/carbon steel flux-core、stainless steel solid/stainless steel flux-core、copper and copper alloy	
	Constant voltage characteristic	Co_2 carbon steel、carbon steel、carbon steel flux-core、stainless steel solid/stainless steel flux-core、copper and copper alloy	
Wire feeding type		Push/Push-pull	
Gas flow (L/min)		15~20	
Welding torch cooling mode		Water cooling / Air cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	

MIG-M 350/500/630

Inverted CO2 gas shielded welding machine

MIG/MAG
Constant voltage

Functions:

MIG/MAG gas shielded welding machine, manual metal-arc welding.

Application industry:

Shipbuilding, container, engineering machinery, petrochemical industry and steel structure.

Features:

- It has the stable arc of welding, the lower spatter, good appearance of weld and high welding quality;
- It has the precised parameters of welding waveform control, the parameters in the welding process and the arc striking and suppression parameters. It's convenient to adjust parameters and automatically match with the optimal parameters;
- The unified/separate adjustment is convenient to meet different using habits;
- Four operation modes of two-step, four-step, special four-step and spot welding exist. In the welding of large specification long welding seams, the four-step or special four-step function reduces the labor strength of welders and improves the quality of welding joint;
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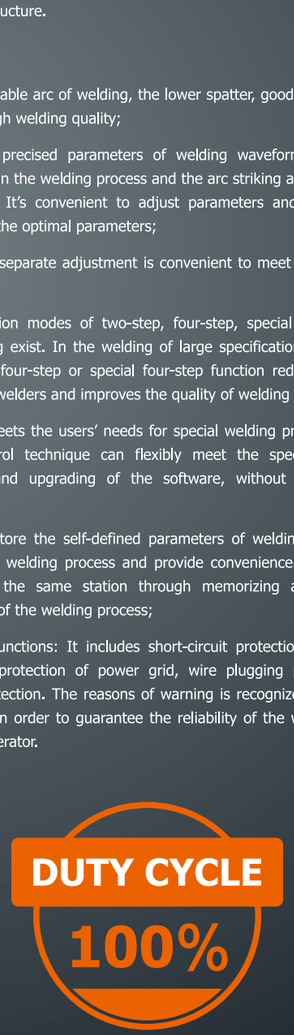
- Users can store the self-defined parameters of welding process and manage the welding process and provide convenience for the varied welding of the same station through memorizing and using the parameters of the welding process;
- Protection functions: It includes short-circuit protection, overheating protection, protection of power grid, wire plugging protection and starting protection. The reasons of warning is recognized through the fault code, in order to guarantee the reliability of the welder and the safety of operator.



☑ Carbon steel

☑ Flux-cored Solder Wires

(Jap style)

(Eur style)

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	MIG-350M	MIG-500M	MIG-630M
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz		
Rated input power (KVA)	16.5	27.6	36
Rated input current (A)	25	42	54
Rated output voltage (V)	31.5	39	44
Duty cycle (%)	100	100	100
Output no-load voltage (V)	68	68	86
Output current range (A)	60~350	60~500	60~630
Output voltage range (V)	15~40	15~50	15~50
Welding wire diameter (mm)	0.8、1.0、1.2	1.0、1.2、1.6	1.2、1.6、2.0
Wire feeding type	Push		
Welding torch cooling mode	Water cooling / Air cooling		
Enclosure protection grade	IP23S		
Insulation grade	H/B		

MIG-X 350/500/630

Inverted CO2 gas shielded welding machine

MMA
Manual metal -arc welding

MIG/MAG
Constant voltage

CAC-A
Gouging

Functions:

MIG/MAG gas shielded welding machine, manual metal-arc welding.

Application industry:

Shipbuilding, container, engineering machinery, petrochemical industry and steel structure.

Features:

- It has simple operation:
- It has digital display, easy matching of current and voltage and the wide applicable range;
- It has the auto-lock function, reducing the labor strength of welders in welding the long welding seams;
- It has an excellent performance:
- It has the technique to control the waveform, with a small welding spatter and beautiful shaping;
- It can extinguish the arc, making the arc striking smooth and rapid;
- It has a strong ability to prevent the fluctuation of network voltage;
- It is small and light, economic and durable, with a high overall efficiency and energy conservation as well as power saving;
- It has abundant peripheral interfaces to match with special machines.

☑ Carbon steel

☑ Flux-cored Solder Wires

(Eur style)

(Jap style)

IGBT
Insulated Gate Bipolar Transistor

Technical parameters

Model	MIG-350X	MIG-500X	MIG-630X
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	
Rated input power (KVA)	16.5	27.6	36
Rated input current (A)	25	42	54
Rated output voltage (V)	31.5	39	44
Duty cycle (%)	60	60	60
Output no-load voltage (V)	68	68	86
Output current range (A)	60~350	60~500	60~630
Output voltage range (V)	15~40	15~50	15~50
Welding wire diameter (mm)	0.8、1.0、1.2	0.8、1.0、1.2、1.6	0.8、1.0、1.2、1.6、2.0
Wire feeding type		Push	
Welding torch cooling mode		Water cooling / Air cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	
Hand arc welding — Welding current (A)	35~350	50~500	63~630

BINGO

Pulse TIG
DYNAMIC WIRE FEEDING

WSM
WSM-S
WSM-YS
WSM-SZ
WSM-YSZ
WSME-DSZ
WSME
WSME-D
WSME-DS

MANUAL WELDING

WELDING MACHINE

BINGO

Dynamic wire feeding control handle

Suitable for automatic wire feeding series of TIG welding

- Designed ergonomically, efficient and fast
- With multi-function automatic wire feeding control
- Suitable for demanding welding positions, narrow clearance applications

WSM 315/400/500

Inverted DC pulse argon arc welding machine

TIG
Impulse DC

TIG
Constant current DC

MMA
Manual metal -arc welding

Functions:

DC constant current TIG, DC pulse TIG, manual metal-arc welding.

Application industry:

Petrochemical industry, pressure vessel, electric power construction, vessel, bicycle, nuclear power and pipe laying.

Features:

- The operation panel with reasonable layout, rich functions and convenient operation;
- Parameters such as the slow rise and slow descent of electric current, impulse frequency, duty ratio, the time of advanced gas supply and lagged gas supply can be preset precisely;
- The manual metal-arc welding can adjust the electric current of the arc striking and thrust, with an easier striking of arc and preventing the adhesion of welding rod;
- The argon arc welding can protect the welding gun from water depletion;
- It has two-step and four-step welding control modes;
- It is smaller and lighter and convenient for movement;
- The current and the voltage can be displayed simultaneously. The welding current can be preset precisely;
- TIG can choose the way of the high frequency lifting of arc striking.

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Copper alloy
- ☑ Titanium alloy

WSM
Remote control box

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model		WSM-315	WSM-400	WSM-500
Rated input voltage / frequency			Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)		11.2	17.1	23.7
Rated input current (A)		17	26	36
Duty cycle (%)		TIG100 / MMA60	TIG100 / MMA60	TIG100 / MMA60
DC constant current	Welding current (A)	5~315	5~400	5~500
DC pulse	Peak current (A)	5~315	5~400	5~500
	Base current (A)	5~315	5~400	5~500
	Pulse duty cycle (%)		1~100	
	Pulse frequency (Hz)		0.2~20	
TIG	Arc starting current (A)	10~315	10~400	10~500
	Arc stopping current (A)	5~315	5~400	5~500
	Time of current-increasing (S)		0.1~10	
	Time of current-decreasing (S)		0.1~15	
	Advance air supply time (S)		0.1~15	
	Lagging time of gas-stopping (S)		0.1~20	
	Working style of arc stopping current		Two-step、Four-step	
	TIG arc strike method		HF arc	
Hand arc welding	Welding current (A)	30~315	40~400	50~500
Welding torch cooling mode			Water cooling	
Enclosure protection grade			IP23S	
Insulation grade			H/B	

WSM-S/YS/SZ/YSZ 400

Inverted automatic wire feeding (cold wire/hot wire)
DC pulse argon arc welding machine

TIG
Cold (hot) wire welding

TIG
Impulse DC

TIG
Constant current DC

Functions:

DC constant current TIG, DC pulse TIG.

Application industry:

Petrochemical industry, pressure vessel, electric power construction, vessel, bicycle, nuclear power and pipe laying.

Features:

- The operation panel with reasonable layout, rich functions and convenient operation;
- Parameters such as the slow rise and slow descent of electric current, impulse frequency, duty ratio, the time of advanced gas supply and lagged gas supply can be preset precisely;
- The manual metal-arc welding can adjust the electric current of the arc striking and thrust, with an easier striking of arc and preventing the adhesion of welding rod;
- The argon arc welding can protect the welding gun from water depletion;
- It has two-step and four-step welding control modes;

  It is smaller and lighter and convenient for movement;
- The current and the voltage can be displayed simultaneously. The welding current can be preset precisely;
- TIG can choose the way of the high frequency lifting of arc striking;
- The built-in strong wire feed system has a rich function menus of wire feeding, which can meet different process requirement;
- The wire feed rate and pulse current match automatically.

Pulse TIG
DYNAMIC WIRE FEEDING

Support Hot Wire Welding

☑ Carbon steel
☑ Stainless steel
☑ Copper alloy
☑ Titanium alloy

S-cold wire feeding
YS-hot wire feeding
SZ-dynamic cold wire feeding
YSZ-dynamic hot wire feeding

Dynamic wire feed control handle

Hot wire power supply

Integrated TIG welding torch

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model		WSM-400S/YS	Hot wire parameters
Rated input voltage / frequency		Three-phase380V(+/-)10% 50Hz	Three-phase380V(+/-)10% 50Hz
Rated input capacity (KVA)		17.1	2.6
Rated input current (A)		26	4
Duty cycle (%)		100	100
DC constant current	Welding current (A)	5~400	5-200A
DC pulse	Peak current (A)	5~400	
	Base current (A)	5~400	
	Pulse duty cycle (%)	1~100	
	Pulse frequency (Hz)	0.2~20	
TIG	Arc starting current (A)	10~400	
	Arc stopping current (A)	5~400	
	Time of current-increasing (S)	0.1~10	
	Time of current-decreasing (S)	0.1~15	
	Advance air supply time (S)	0.1~15	
	Lagging time of gas-stopping (S)	0.1~20	
	Working style of arc stopping current	Two-step、Four-step	
	TIG arc strike method	HF arc	
Welding torch cooling mode		Water cooling	
Enclosure protection grade		IP23S	
Insulation grade		H/B	H

WSME 315/400/500/630

Inverted AC/DC pulse argon arc welding machine

TIG Impulse DC/AC

TIG Constant current DC/AC

MMA Manual metal -arc welding

Functions:

AC constant current TIG, AC pulse TIG, DC constant current TIG, AC pulse TIG, manual mental-arc welding.

Application industry:

Aerospace, space division, petrochemical industry, heat exchanger, aluminum furniture and bicycle etc.

Features:

- The operation panel with reasonable layout, rich functions and convenient operation;
- The welding parameter can be preset precisely;
- The AC frequency and cleaning width can be adjusted independently to meet the needs of welding process for different aluminium products;
- It has easy arc strike, stable electric arc and easily controlled weld pool;
- The argon arc welding can protect the welding gun from water depletion;
- The welding current can be controlled afar;
- The weld penetration and weld width required by the weld joint and the number of waveform can be obtained through the adjustment of the pulse current, impulse frequency, duty ratio, alternating current, AC frequency, cleaning proportion and AC bias ratio when the AC argon arc welding is used to prolong the service life, specially applicable to the automatic welding and robot welding.

Synchronous mutual welding

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Aluminum alloy
- ☑ Copper alloy
- ☑ Titanium alloy

WSME
Remote control box

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	WSME-315	WSME-400	WSME-500	WSME-630
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz			
Rated input capacity (KVA)	12.1	17.1	25.7	34.7
Rated input current (A)	18.5	26	39	53
Duty cycle (%)	DC100 / AC60	DC100 / AC60	DC100 / AC60	DC100 / AC60
Output no-load voltage (V)	63	70	79	79
Output current range (A)	5~315	5~400	20~500	20~630
Arc starting current (A)	10~315	10~400	20~500	20~630
Peak current (A)	5~315	10~400	20~500	20~630
Arc stopping current (A)	5~315	10~400	20~500	20~630
Time of current-increasing (S)	0.1~10			
Time of current-decreasing (S)	0.1~15			
Advance air supply time (S)	0.1~15			
Lagging time of gas-stopping (S)	0.1~20			
Pulse frequency (Hz)	0.2~20			
Pulse duty cycle (%)	1~100%			
AC frequency (Hz)	20~200	20~200	20~100	20~100
Adjustment of cleaning area (%)	-40~40			
TIG arc strike method	HF arc			
Thrust current (A)	30-315	50-400	50-500	50-630
Welding torch cooling mode	Water cooling			
Enclosure protection grade	IP23S			
Insulation grade	H/B			

WSME-D/DS/DSZ 315/500

Inverted automatic wire feeding AC/DC pulse argon arc welding machine

TIG
Cold wire welding

TIG
Impulse DC/AC

TIG
Constant current DC/AC

Functions:

Constant current TIG, AC pulse TIG, DC constant current TIG, AC pulse TIG, manual mental-arc welding.

Application industry:

Aerospace, space division, petrochemical industry, heat exchanger, aluminum furniture and bicycle etc.

Features:

- The operation panel with reasonable layout, rich functions and convenient operation;
- The welding parameter can be preset precisely;
- The AC frequency and cleaning width can be adjusted independently to meet the needs of welding process for different aluminium products;
- It has easy arc strike, stable electric arc and easily controlled weld pool;
- The argon arc welding can protect the welding gun from water depletion;
- The welding current can be controlled afar;
- The weld penetration and weld width required by the weld joint and the number of waveform can be obtained through the adjustment of the pulse current, impulse frequency, duty ratio, alternating current, AC frequency, cleaning proportion and AC bias ratio when the AC argon arc welding is used to prolong the service life, specially applicable to the automatic welding and robot welding;
- The built-in strong wire feed system has a rich function menus of wire feeding, which can meet different process requirement;
- The wire feed speed automatically matches with the pulse current, which is convenient for the adjustment;
- Multi-waveforms are provided for selection, including the standard square wave, nonstandard square wave, sine wave, triangular wave and mixed wave.

(DSZ)

Pulse TIG
DYNAMIC WIRE FEEDING

PULSE FREQUENCY
1000Hz

- ☑ Carbon steel
- ☑ Stainless steel
- ☑ Aluminum alloy
- ☑ Copper alloy
- ☑ Titanium alloy

D–Ordinary models
DS–Wire feeding model
DSZ–Dynamic wire feeding

Dynamic wire feed control handle

Integrated TIG welding torch

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	WSME-315D/DS	WSME-500D/DS
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz	
Rated input capacity (KVA)	12.1	25.7
Rated input current (A)	18.5	39
Duty cycle (%)	DC100 / AC60	DC100 / AC60
Output no-load voltage (V)	63	79
Output current range (A)	5~315	10~500
Arc starting current (A)	10~315	10~500
Peak current (A)	5~315	10~500
Arc stopping current (A)	5~315	10~500
Time of current-increasing (S)	0.1~10	
Time of current-decreasing (S)	0.1~15	
Advance air supply time (S)	0.1~15	
Lagging time of gas-stopping (S)	0.1~20	
Pulse frequency (Hz)	AC0.2~250 / DC0.2~1000	
Pulse duty cycle (%)	1~100%	
AC frequency (Hz)	20~250	
Adjustment of cleaning area (%)	-40~40	
TIG arc strike method	HF arc	
Welding torch cooling mode	Water cooling	
Enclosure protection grade	IP23S	
Insulation grade	H/B	

BiNGo

SAW

SUBMERGED ARC

WELDING MACHINE

SAW 630/1000/1250/1500

Inverted submerged arc welding machine (double characteristics)

SAW(DC) constant -voltage SAW

SAW(DC) constant -current SAW

CAC-A Gouging

MMA Manual metal -arc welding

Functions:

Submerged-arc welding, carbon arc gouging and manual metal-arc welding.

Application industry:

Shipbuilding, boiler, bridge, steel structure and wind tower.

Features:

- It has the invert technology of soft switching, which is energy-saving and reliable;
- It has the constant-current characteristic, and the diameter of welding wire ranges from 3.0mm to 6.0mm;
- The wire feeder is driven by double rounds, and the elastic wire pressing guarantees the stable and reliable wire feed;
- Various trolleys are matched to meet the different needs for welding;
- It is light and small, so it is convenient for movement;
- It has the characteristics of the constant current and voltage, realizing the welding of thick wire, thin wire, power core,strip electrode and double-wire single-arc;
- It enables the parallel connection of several welding machines to realize the high-current output;
- It has the functions of overheating protection, turnoff protection and short-circuit protection;
- It has abundant peripheral interfaces, which are convenient to compose the special welding machine.

DUTY CYCLE
100%

SAW
Remote control box

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	SAW-630	SAW-1000	SAW-1250	SAW-1500
Rated input voltage / frequency	Three-phase380V(+/-)10% 50HZ			
Rated input capacity (KVA)	34	55	69	89
Rated input current (A)	51	83	115	140
Rated output voltage (V)	44	44	44	44
Duty cycle (%)	100	100	100	100
Output no-load voltage (V)	Submerged arc welding 87；hand arc welding 84			
Current regulation range (A)	50~630	50~1000	50~1250	50~1500
Voltage regulation range (V)	20~50			
Power factor	⩾0.88			
Welding wire diameter (mm)	1.6~3.0	1.6~5.0	1.6~6.0	1.6~6.0
Enclosure protection grade	IP23S			
Insulation grade	H/B			

SAW 1000E

Inverted AC/DC submerged arc welding machine
(double characteristics)

SAW(AC/DC) constant -voltage SAW

SAW(AC/DC) constant -current SAW

CAC-A Gouging

MMA Manual metal -arc welding

Functions:

Submerge Arc Welding, Carbon arc gouging, Manual metal arc welding.

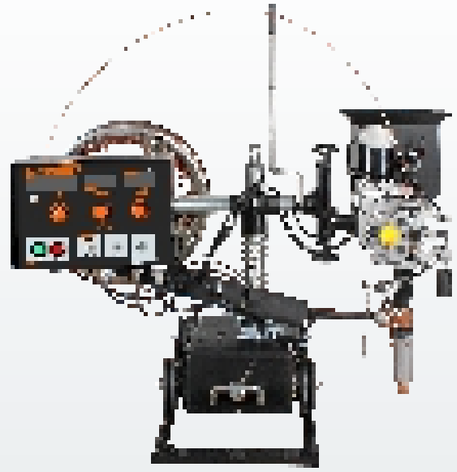
Application industry:

Shipbuilding, boilers, bridges, steel structures, wind towers, etc.

Features:

- The main circuit adopts high-power single inverter technology, with both AC and DC load rates reaching 100%, and the overall performance is better than that of ordinary AC transformers;
- Selecting a grating motor with accurate wire feeding speed, fast motor response speed, stable AC forming, and good weld forming;
- Using internal IGBT to switch output polarity, the success rate of AC arc starting is higher than that of ordinary AC transformers;
- Precise control of AC commutation, fast and smooth arc starting, stable AC arc compared to ordinary AC transformers, without arc breaking phenomenon;
- The AC duty cycle, AC frequency, and DC bias can be continuously adjusted. Customers can flexibly set welding parameters according to on-site requirements, and different penetration depths, widths, and deposition rates can be obtained.

AC/DC SAW



SAW
Remote control box

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	SAW-1000E
Rated input voltage / frequency	Three-phase380V(+/-)10% 50HZ
Rated input capacity (KVA)	55
Rated input current (A)	83
Rated output voltage (V)	44
Duty cycle (%)	100
Output no-load voltage (V)	Submerged arc welding 87；hand arc welding 84
Current regulation range (A)	50~1000
Voltage regulation range (V)	20~50
AC frequency	10~100
AC duty cycle	25~75
DC bias	-25~25
Power factor	≥0.88
Welding wire diameter (mm)	1.6~5.0
Enclosure protection grade	IP23S
Insulation grade	H/B

SAW -TWINS

Inverted AC/DC double-wire submerged arc welding machine
(double characteristics)

SAW(AC/DC)
Twin-wire SAW

CAC-A
Gouging

MMA
Manual metal
-arc welding

Functions:

Submerge arc welding, carbon arc gouging, Manual metal arc welding.

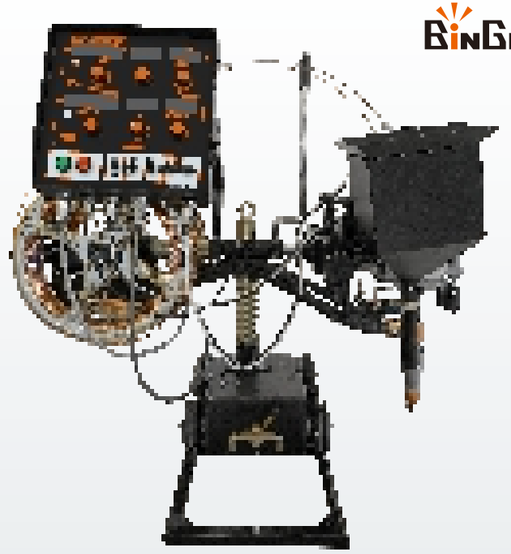
Application industry:

Shipbuilding, Boiler, Bridge, Steel Member, Wind Tower.

Features:

- This system consists of a DC power supply MZ-1000/1250/1500, an AC power supply MZ-1000E, and a double wire trolley. It adopts a forward direct and backward alternating welding method, with DC arc controlling the penetration depth and AC arc controlling the cover surface. It is applied to the thick plate welding industry such as shipbuilding, boilers, bridges, steel structures, and wind towers;
- High welding efficiency, with a deposition rate of more than 2.5 times that of DC single wire;
- Suitable for thick wire welding, such as Ø3, Ø4, Ø5;
- Independent adjustment parameters for AC and DC power supplies, Welding parameters can be preset and displayed;
- The distance and angle adjustment between the front and rear wires of the trolley are convenient, and can be used in conjunction with specialized machines such as gantry frames to achieve automated welding;
- DC and AC can work simultaneously, It can also work with only DC or only AC.

DUTY CYCLE
100%



IGBT
Insulated Gate Bipolar Transistor

Technical parameters

Model	SAW-1000-TWINS (SAW-1000+SAW-1000E)	SAW-1250-TWINS (SAW-1250+SAW-1000E)	SAW-1500-TWINS (SAW-1500+SAW-1000E)
Rated input voltage / frequency		Three-phase380V(+/-)10% 50HZ	
Rated input capacity (KVA)	55+55	69+55	89+55
Rated input current (A)	83 / (83)	115 / (83)	140 / (83)
Rated output voltage (V)	44 / (44)	44 / (44)	44 / (44)
Duty cycle (%)	100 / (100)	100 / (100)	100 / (100)
Output no-load voltage (V)		Submerged arc welding 87；hand arc welding 84	
Current regulation range (A)	50~1000 / (50~1000)	50~1250 / (50~1000)	50~1500 / (50~1000)
Voltage regulation range (V)		20~50	
Power factor		≥0.88	
Welding wire diameter (mm)	1.6~5.0 / (1.6~5.0)	1.6~6.0 / (1.6~5.0)	1.6~6.0 / (1.6~5.0)
Enclosure protection grade		IP23S	
Insulation grade		H/B	

BiNGo

CUT

CUTTING MACHINE

WELDING MACHINE

CUT 100/120/160/200/300/400

Inverted plasma cutting machine

CUT
Cutting machine

Functions:

Plasma cutting.

Application industry:

Low-carbon steel, stainless steel, aluminum and other non-ferrous metals.

Features:

- The IGBT soft switch inverter is small and light and convenient for movement;
- Self-locking/non-self-locking function;
- The arc energy is highly centralized, with a narrow cutting mouth, little adhering slag and straight cutting plane;
- It is an efficient and energy-saving equipment with the high power factor;
- It has the rich numerical control and robot connection port and has the ports of short-circuit, gas shortage, water shortage and successful arc striking and arc voltage;
- The remote control and close control can be selected haphazard.

DUTY CYCLE
100%

IGBT
Insulated Gate Bipolar Transistor

Technical parameters

Model	CUT-100	CUT-120	CUT-160	CUT-200	CUT-300	CUT-400
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz					
Rated input capacity (KVA)	13.7	25.7	32	40	70	95
Rated input current (A)	22	39	43	54	95	132
Rated output voltage (V)	120	128	160	160	200	200
Output current range (A)	40~100	40~120	40~160	40~200	40~300	40~400
Output no-load voltage (V)	345	345	380	380	380	380
Duty cycle (%)	100					
Ancillary cutting torch	Air cooling	Air cooling	Water cooling	Water cooling	Water cooling	Water cooling
Air pressure of cutting torch (Mpa)	0.45~0.55					
Maximum cutting thickness of carbon steel (mm)	25	35	45	55	80	90
Optimal cutting thickness of carbon steel (mm)	1~12	1~18	1~25	1~30	1~40	1~50
Arc strike method	HF arc					
Enclosure protection grade	IP23S					
Insulation grade	H/B					

BiNGo

ARC

AIR GOUGING

WELDING MACHINE

ARC 630/1000/1250/1500

Inverted DC arc welding machine

MMA
Manual metal -arc welding

CAC-A
Gouging

Functions:

Manual metal-arc welding.

Weldable metals:

Carbon steel and cast iron.

Features:

- The control panel has a optimal design and digital display, and the welding current can be adjusted precisely;
- The arc striking current can be adjusted separately, and it has an excellent arc striking performance;
- The arc thrust current can be adjusted separately;
- It has safety protection functions like the temperature protection, over-current protection and short-circuit protection.

CAC-A SPECIAL USE

IGBT Insulated Gate Bipolar Transistor

Technical parameters

Model	ARC-630	ARC-1000	ARC-1250	ARC-1500
Rated input voltage / frequency	Three-phase380V(+/-)10% 50Hz			
Rated input capacity (KVA)	31.6	55	70	89
Rated input current (A)	52	83	115	140
Rated output voltage (V)	44	60	70	70
Duty cycle (%)	100			
Output no-load voltage (V)	86	86	86	86
Output current range (A)	63~630	63~1000	63~1250	63~1500
Enclosure protection grade	IP23S			
Insulation grade	H/B			
cooling mode	Air cooling			

BINGO

COOLING WATER TANK

WELDING MACHINE

BINGO

294-10/314-10/334-10/318-20/334-20

Inner circulation water chiller series

Functions:

Cooling welding torch.

Types of cooling welding gun:

Gas shielded welding torch and argon arc welding torch.

Features:

- It uses the high quality special water pump for the lift of welder, which has a long service life, leakage-proof and reliable;
- It ensures the water cycle pressure of the welding torch;
- It has an independent design and is convenient for use;
- The independent water information socket of welder effectively guarantees the information exchange between the water tank and the welding machine;
- The large radiator adopts the copper tube with a good heat dissipation effect, in order to improve the production efficiency.

Technical parameters

Model	BINGO-294-10	BINGO-314-10	BINGO-334-10	BINGO-318-20	BINGO-334-20
Rated input voltage / frequency	Two-phase380V(+/-)10% 50HZ				
Rated input capacity (KVA)	0.37	0.37	0.37	0.37	0.37
Rated input current (A)	1	1	1	1	1
Cooling capacity (W)	4000	4000	4000	6000	6000
Duty cycle (%)	100	100	100	100	100
Max water flow	8L/MIN	8L/MIN	8L/MIN	10L/MIN	10L/MIN
Minimum water flow	3L/MIN				
Capacity	10L	10L	10L	20L	20L
Pump lift	30M	30M	30M	50M	50M
Cooling mode	Forced air cooling				
Cooling water circulation	Internal circulation				
Enclosure protection grade	IP23S				
Collocation model	WSM-314/400 MIG-350	MIG-II/IX MIG-M CUT-160 WSM-500	WSME-315/400/500	CUT-200 MIG-II/IX MIG-M CUT-160 WSM-500	WSME-500/630 CUT-300/400

DEEPENING THE MARKET

QUALITY FIRST

Moving towards the global welding industry

BINGO

continuously researches and develops

intelligent welding technology

let more welding equipment

go global

now it has been affected and favored

by many countries

in the future

we will invest more resources in

continuous r & d and production

go forward

never stop