

TIG/GTAW

In TIG welding (tungsten inert gas), the welding arc is formed between a non-consumable tungsten electrode and the base material. Argon, which is most commonly used as the shielding gas, is fed through the TIG torch to shield the electrode and molten weld pool. The current is either alternating or direct current, which can be pulsed as necessary.

DC TIG welding

The direct-current TIG welding process is suitable for welding unalloyed and low-alloy steels, stainless steels and titanium.

AC TIG welding

Alternating-current TIG, or AC TIG welding is particularly suitable for welding aluminium and aluminium alloys. The primary area of application for AC TIG welding is use with materials, but the process is also used frequently in repair welding for thicker aluminium pieces.





TIG SERIES

DC INVERTER TIG WELDER

- < Especially for welding stainless steel.
- < Light weight and easy to carry.
- < HF arc-starting.
- < Smooth and beautiful welding appearance.

INVERTER TIG
PROFESSIONAL
1 PHASE
50/60 Hz
HF
CE



Item	TIG-160	TIG-200	TIG-160	TIG-200
Power Voltage(v)	230	230	120	120/230
Rated Input Power(kva)	3.2	4.5	3.2	4.5
Input Voltage Frequency(hz)	50/60	50/60	50/60	50/60
No-load Voltage(v)	43	43	43	43
Output Current Range(a)	10-160	10-200	10-150	10-150/10-200
Rated Output Voltage(v)	16.4	18	16	18
Rated Duty Cycle(%)	60%	60%	60%	80%/60%
Weight(kg)	11	11	11	11
Measurement(mm)	460x270x345	460x270x345	460x270x345	460x270x345
Cod.(no)	880001	880002	880003	880004



TIG-C SERIES

DC INVERTER TIG/MMA WELDER

- < Adopting MOSFET inverter technology, advanced electrical circuit design and energy saving.
- < Automatic compensation for power voltage fluctuation.
- < Easy to start arc, stable welding current, low welding noise and little spatter, good and smooth welding appearance.
- < Applicable for welding stainless steel and carbon steel.

INVERTER TIG
INVERTER MMA
PROFESSIONAL
1 PHASE
50/60 Hz
ANTI STICK
ARC FORCE
HOT START
CE



RUTILE
 BASIC
 INOX
 CASTIRON

Item	TIG-160C	TIG-200C
Power Voltage(v)	230	230
Rated Input Power(kva)	3.2	4.5
Input Voltage Frequency(hz)	50/60	50/60
No-load Voltage(v)	56	56
Output Current Range(a)	10-160	10-200
Duty Cycle(%)	60%	60%
Efficiency(%)	85	85
Insulation Class	F	F
Weight(kg)	12	12
Measurement(mm)	460x270x345	460x270x345
Protection Class	IP21s	IP21s
Usable Electrode(mm)	1.6-4.0	1.6-4.0
Cod.(no)	880011	880013





TIG-C SERIES

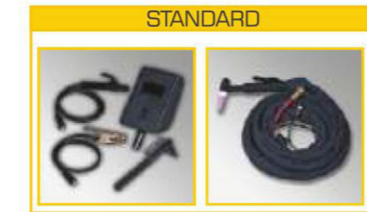
DC INVERTER TIG/MMA WELDER

- < Adopting MOSFET inverter technology, advanced electrical circuit design and energy saving.
- < Stable and reliable welding current with digital display.
- < Automatic compensation for power voltage fluctuation.
- < Advanced inverter technology. Multi functions.
- < Easy to start arc, stable welding current, low welding noise and little spatter, good and smooth welding appearance.

INVERTER TIG
INVERTER MMA
PROFESSIONAL

3PHASE
50/60 Hz
ANTI STICK
ARC FORCE
HF
888 A

TIG DC
MMA DC
HOT START



■ RUTILE
■ BASIC
■ INOX
■ CASTIRON

Item	5.0 TIG-250C	6.0 TIG-315C
Power Voltage(v)(3ph)	380	380
Rated Input Power(kva)	6.3	8.8
Input Voltage Frequency(hz)	50/60	50/60
No-load Voltage(v)	54	54
Output Current Range(a)	20-250	20-290
Duty Cycle(%)	60	60
Efficiency(%)	85	85
Insulation Class	F	F
Weight(kg)	15	15
Measurement(mm)	585x320x420	585x320x420
Protection Class	IP21s	IP21s
Usable Electrode(mm)	1.6-5.0	1.6-6.0
Cod.(no)	880023	880024



TIG-C SERIES

DC INVERTER TIG/MMA WELDER

- < MMA and TIG welding, two combination type, it is for doing quality welding of any metal.
- < Adopting IGBT technology.
- < Output current is sufficient.
- < Three protection design (waterproof, dustproof and anti-erosion functions), on one hand it can improve inside electrical components working efficiency, on the other hand fan cooling can reach 100%, greatly improving duty cycle.
- < Under 40°C high temperature working environment, the duty cycle can reach more than 60%.
- < TIG400C machine can weld Φ 5mm electrode continuously.
- < Arc force current and current declining time can be freely set.
- < Supplied with water cooling welding torch.

INVERTER TIG
INVERTER MMA
PROFESSIONAL

3PHASE
50/60 Hz
ANTI STICK
ARC FORCE
HF
888 A

TIG DC
MMA DC
HOT START
IGBT INVERTER



■ RUTILE
■ BASIC
■ INOX
■ CASTIRON

Item	5.0 TIG-315C	6.0 TIG-400C
Power Voltage(v)(3ph)	380	380
Rated Input Power(kva)	9.8	14.3
Input Voltage Frequency(hz)	50/60	50/60
No-load Voltage(v)	60	60
Output Current Range(a)	10-315	15-400
Duty Cycle(%)	60	60
Efficiency(%)	85	85
Insulation Class	F	F
Weight(kg)	27.5	28
Measurement(mm)	630x370x500	630x370x500
Protection Class	IP21s	IP21s
Usable Electrode(mm)	1.6-5.0	1.6-6.0
Cod.(no)	880025	880026



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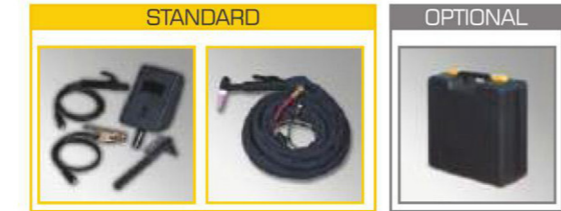
TIG-M SERIES

DC INVERTER TIG/MMA PULSE WELDER

- < Adopting MOSFET inverter technology, advanced electrical circuit design and energy saving.
- < Stable and reliable welding current.
- < Automatic compensation for power voltage fluctuation.
- < Advanced inverter technology. Multi functions.
- < Easy to start arc, stable welding current, low welding noise and little spatter, good and smooth welding appearance.
- < Pulse function, specially for welding thin metal plates.

INVERTER TIG
INVERTER MMA
PROFESSIONAL

1 PHASE
50/60 Hz
ANTI STICK
ARC FORCE
HF
HOT START
PULSE
CE



Item	TIG-160M	TIG-200M
Power Voltage(v)	230	230
Rated Input Power(kva)	3.2	4.5
Output Current Range(a)	20-160	20-200
Rated Duty Cycle(%)	60	60
Protection Class	IP21s	IP21s
Measurement(mm)	460x270x345	460x270x345
Weight(kg)	12	12
Usable Electrode(mm)	1.6-4.0	1.6-4.0
Cod.(no)	880030	880032

Item	WSM-160	WSM-200
Power Voltage(v)	230	230
Rated Input Power(kva)	3.2	4.5
Output Current Range(a)	20-160	20-200
Rated Duty Cycle(%)	60	60
Protection Class	IP21s	IP21s
Measurement(mm)	525x320x390	525x320x390
Weight(kg)	15	15
Usable Electrode(mm)	1.6-4.0	1.6-4.0
Cod.(no)	880033	880035

■ RUTILE
■ BASIC
■ INOX
■ CASTIRON



inverter
inside

TIG AC/DC SERIES

AC/DC INVERTER TIG WELDER

- < Square wave output, stable arc, HF.
- < AC/DC TIG welding, especially for aluminum material welding.
- < Foot pedal controller can be added as extra function.
- < Built-in alarming and protective circuits are provided to prevent over current, over heat, over voltage, low voltage, etc and ensure safe operation;
- < High duty cycle.
- < Suitable for welding of various metallic materials such as aluminum, aluminum alloy, carbon steel, stainless steel, copper, etc.

INVERTER TIG
INVERTER MMA
PROFESSIONAL

1 PHASE
50/60 Hz
ANTI STICK
ARC FORCE
HF
HOT START
CE



Item	WSE-200	WSE-250	WSE-200S
Power Voltage(v)	230	230	230
Input Voltage Frequency(hz)	50/60	50/60	50/60
Output Current Range(a)	10-200	10-250	10-200
Arc Strike Way	HF	HF	HF
No-load Voltage(v)	56	56	56
Duty Cycle(%)	60	60	40
Insulation Class	F	F	F
Efficiency(%)	80	80	80
Weight(kg)	22	23	17
Measurement (mm)	600x440x415	600x440x415	585x320x420
Protection Class	IP21s	IP21s	IP21s
Usable Electrode(mm)	/	1.6-4.0	16.-4.0
Cod.(no)	880038	880039	880040





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TIG AC/DC SERIES

AC/DC INVERTER TIG/MMA PULSE WELDER

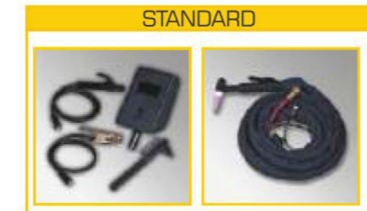
- < Multi-functions:AC/DC MMA,AC/DC pulse TIG.
- < Quality square wave power supply,stable arc.
- < Super cleaning ability of oxide film,continuously adjustable cleaning width, bright and beautiful weld seam.Especially adapted to weld aluminum, magnesium and its alloy materials.
- < Easy to start arc,stable welding current,quick dynamic response,focused arc.
- < AC welding without bias and beautiful welding forming.
- < Comprehensive protection functions of over-current,over-heat,over-voltage and under-voltage.Safe and reliable.
- < Panel with remote control,optional to be equipped with foot switch.
- < TIG220P is added with a function of gas supplying before welding.Its time is able to be adjusted by the related knob.

INVERTER TIG

INVERTER MMA

PROFESSIONAL

- 1 PHASE
- 3 PHASE
- 50/60 Hz
- ANTI STICK
- ARC FORCE
- HF
- 888 A
- CE
- PULSE
- TIG DC
- TIG AC
- MMA DC
- HOT START



■ RUTILE
■ BASIC
■ INOX
■ CASTIRON

Item	4.0 TIG-200P	4.0 TIG-220P	5.0 WSME-315
Power Voltage(v)	230	230	380
Input Voltage Frequency(hz)	50/60	50/60	50/60
Output Current Range(a)	10~200	10~220	10~315
Arc Strike Way	HF	HF	HF
No-load Voltage(v)	56	56	60
Duty Cycle(%)	40	40	60
Insulation Class	F	F	F
Efficiency(%)	80	80	80
Weight(kg)	22	22	22
Measurement (mm)	600x440x415	600x440x415	630x340x680
Protection Class	IP21s	IP21s	IP21s
Usable Electrode(mm)	1.6-4.0	1.6-4.0	1.6-5.0
Cod.(no)	880041	880042	880043



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inverter inside



■ RUTILE
■ BASIC
■ INOX
■ CASTIRON

CT SERIES

MULTI-FUNCTION INVERTER WELDER

- < Multi-functions:TIG,MMA,PLASMA CUT.
- < Automatically identify and switch welding/cutting status.
- < The operation is simple and reliable.Economic and practical.
- < TIG:good arc striking,stable current and focused arc,able to weld any metal materials.
MMA:Easy to strike arc and arc is stable.
- < Small size,light weight,Easy to install and convenient to carry.
- < Perfect circuit design,simple structure,good technics,safe and reliable.



Item	3.2 CT-312			4.0 CT-416		
	TIG	MMA	CUT	TIG	MMA	CUT
Input Voltage(v)	230			230		
Frequency (hz)	50/60			50/60		
Input Power(kva)	4			6		
Duty Cycle(%)	60			60		
Power Factor	0.73			0.73		
Efficiency(%)	80			80		
Insulation Class	F			F		
Protection Class	IP21s			IP21s		
Weight(kg)	9			14		
Measurement(mm)	460x270x345			525x320x390		
Input Current(a)	13.8	23.2	14	26.4	34	31
Rated Output Current(a)	120	120	30	160	160	40
Current Adjustment(a)	10-120	10-120	15-30	10-160	10-160	20-40
No-load Voltage(v)	55	55	220	62	62	260
Welding Voltage(v)	15	25	92	16	25	96
Air Pressure(mpa)	/	/	0.4	/	/	0.4
Gas Flow(l/min)	2-5	/	80	2-5	/	80
Max. Cutting Thickness(mm)	/	/	1-8	/	/	1-12
Arc Strike	HF	Scratching	HF	HF	Scratching	HF
Cod.(no)	880036			880037		

- INVERTER TIG
- INVERTER MMA
- INVERTER PAC
- PROFESSIONAL
- 1 PHASE
- 50/60 Hz
- ANTI STICK
- ARC FORCE
- 888 A
- CE
- MMA DC
- TIG DC
- CUT DC
- ANTI STICK
- ARC FORCE
- HOT START

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MIG/MAG/GMAW

MIG/MAG welding is a semiautomatic welding process where the welding arc is formed between the material being welded and the welding wire fed through the welding gun. The filler wire is fed mechanically by the wire feeder.

To protect the molten weld pool, shielding gas is also fed through the welding gun. The MIG process uses inert shielding gas (metal inert gas welding). Usually the shielding gas contains active carbon dioxide or oxygen, and therefore the most commonly used type of MIG/MAG is MAG welding.

MIG/MAG is the most common welding method in today's welding industry, but it is also becoming more and more popular with hobby users. Benefits of this method include high weld deposition rate and welding speed, easy mechanisation and automation and wide range of uses.





inverter
inside

MIG SERIES

MINI MIG/MAG/MMA WELDER

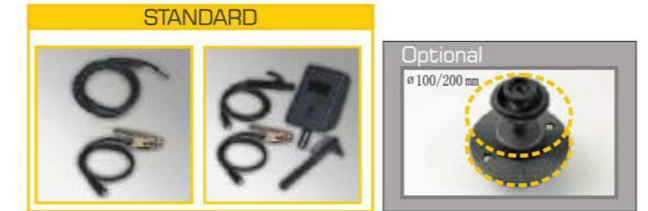
- < With one more MMA function.
- < Single-phase, portable, fan-cooling and wire welding machine for flux(no gas) and MIG/MAG(gas)welding
- < With thermal protection, complete with MIG welding accessories.
- < For welding different types of materials such as steel, stainless steel.
- < Steel and aluminum is available on request.

STANDARD

- RUTILE
- BASIC
- INOX
- CASTIRON

Optional

- GASLESS
- STEEL
- ALUMINIUM
- INOX



INVERTER MIG

INVERTER MMA

PROFESSIONAL

- 1 PHASE
- 50/60 Hz
- MIG DC
- MMA DC
- ANTI STICK
- ARC FORCE
- HOT START
- IGBT INVERTER

Item	3.2 MIG-160S	4.0 MIG-180S	4.0 MIG-200B
Power Voltage(v)	230	230	230
Input Voltage Frequency(hz)	50/60	50/60	50/60
Output Current Range(a)	40-160	40-180	40-200
No-load Voltage(v)	55	55	55
Duty Cycle(%)	35	35	35
Insulation Class	F	F	F
Efficiency(%)	85	85	85
Weight(kg)	17	17	18
Measurement (mm)	540x335x440	540x335x440	560x365x480
Protection Class	IP21s	IP21s	IP21s
Welding wire dia(mm)	0.8-1.0	0.8-1.0	0.8-1.0
Usable Electrode(mm)	1.6-3.2	1.6-4.0	1.6-4.0
Cod.(no)	870004	870005	870006



GAS NO GAS



inverter
inside

MIG SERIES

INVERTER MIG/MAG WELDER

- < Suitable for welding plates over 0.8mm
- < Adopt IGBT technology, high duty cycle.
- < Easy to operate, fast wire feeding speed.
- < Automatic compensation function for input voltage fluctuation.
- < Suitable for welding carbon steel, alloy steel, etc.
- < Little spatter, good welding appearance.



STANDARD

- STEEL
- ALUMINIUM
- INOX

INVERTER MIG

PROFESSIONAL

- 1 PHASE
- 3 PHASE
- 50/60 Hz
- MIG DC
- IGBT INVERTER
- CE
- ANTI STICK
- ARC FORCE
- HOT START
- IGBT INVERTER
- 888 A

Item	MIG-200I	MIG-250I	MIG-280I	4.0 MIG-200S	4.0 MIG-250S
Power Voltage(v)	220	380	380	220	380
Input Voltage Frequency(hz)	50/60	50/60	50/60	50/60	50/60
Output Current Range(a)	50-200	50-250	50-280	50-200	50-250
No-load Voltage(v)	52	53	53	52	53
Insulation Class	F	F	F	F	F
Efficiency(%)	85	85	85	85	85
Duty Cycle(%)	60	60	60	60	60
Wire Diameter(mm)	0.8-1.0	0.8-1.0	0.8-1.2	0.8-1.0	0.8-1.0
Weight(kg)	45	45	45	24	24
Measurement(mm)	860x450x685	860x450x685	860x450x685	630x390x540	630x390x540
Usable Electrode(mm)	/	/	/	1.6-4.0	1.6-4.0
Cod.(no)	870013	870014	870015	870010	870011



GAS



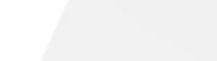
MIG SERIES

MIG/MAG WELDER

- < Single phase, flux wire welding machine for flux(no gas)welding.
- < With thermal protection, complete with welding accessories.
- < For welding different types of materials such as steel, stainless steel.



LIGHT DUTY



STANDARD



Item	MIG-100	MIG-130	MIG-150	MIG-175	MIG-195
Type	No gas		Gas/No gas		
Power Voltage(v)	230	230	230	230	230
Frequency(hz)	50/60	50/60	50/60	50/60	50/60
Input Power(kva)	2.5	3.6	3.7	5.2	6
Fuse(a)	10	13	16	16	16
Power Factor	0.9	0.9	0.9	0.9	0.9
Max no-load voltage output(V)	33	37	34.2	35.8	37
Current Range (a)	50-80	50-120	60-140	60-160	60-180
Duty Cycle(%)	80@10%	105@15%	115@15%	140@15%	140@20%
Adjustment Positions	4	4	4	4	4
Insulation Class	H	H	H	H	H
Protection Class	IP21s	IP21s	IP21s	IP21s	IP21s
Measurement(mm)	450x240x410	450x240x410	595x340x410	595x340x410	595x340x410
Welding wire dia(mm)	0.6-0.9	0.6-0.9	0.6-1.0	0.6-1.0	0.6-1.0
Weight(kgs)	17	18.5	35	37	38
Cod.(no)	870017	870018	870019	870020	870021

NO GAS TYPE GAS/NO GAS TYPE



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MIG SERIES

MIG/MAG WELDER

- < Single-phase, portable, fan-cooled wire welding machine for MIG/MAG gas welding.
- < With thermal protection, complete with welding accessories for welding different types of material such as steel, stainless steel.
- < Adopts thyristor stepless adjusting system.



PROFESSIONAL



STANDARD



Item	MIG-138
Power Voltage(v)	115
Frequency(hz)	50/60
Input Power(kva)	4
Power Factor	0.7
Max No-load Voltage In Dc(v)	28
Current Range Input Dc(a)	25-135
Duty Cycle(%)	90a@20%
Welding Wire Diameter(mm)	0.6-0.8
Insulation Class	H
Measurement(mm)	650x350x500
Weight(kgs)	35
Cod.(no)	870022

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MIG SERIES

MIG/MAG WELDER

- < Single-phase, fan-cooling, wire welding machine on wheels for MIG welding.
- < Designed for continuous and spot welding.
- < Electrical control of spot welding time.
- < Be able to weld a wide range of materials such as steel, stainless steel.
- < Complete with MIG-MAG welding accessories.



PROFESSIONAL



STANDARD



Item	MIG-200	MIG-250	MIG-280
Power Voltage(v)	230	230	230
Frequency(hz)	50/60	50/60	50/60
Input Power(kva)	7	7.7	9.5
Fuse(a)	20	25	30
Power Factor	0.9	0.9	0.9
Max No-load Voltage In Dc(v)	38	40	42
Current Range Input Dc(a)	50-200	50-240	50-270
Duty Cycle(%)	180@15%	200@15%	230@20%
Welding Wire Diameter(mm)	0.8-1.0	0.8-1.0	0.8-1.0
Insulation Class	H	H	H
Measurement(mm)	860x425x570	860x425x570	860x425x570
Weight(kgs)	53	74	75
Cod.(no)	870023	870024	870025



NBC SERIES

MIG/MAG WELDER

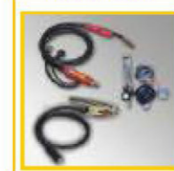
- < Single-phase, fan-cooling, wire welding machine on wheels for MIG welding.
- < Designed for continuous and spot welding.
- < Electrical control of spot welding time.
- < Be able to weld a wide range of materials such as steel, stainless steel.
- < Complete with MIG-MAG welding accessories.



PROFESSIONAL



STANDARD



Item	NBC-250	NBC-315	NBC-250F	NBC-315F
Power Voltage(v)	380	380	380	380
Frequency(hz)	50/60	50/60	50/60	50/60
Input Power(kva)	9.8	14.2	9.8	14.2
Max No-load Voltage In Dc(v)	18-34	18-36	18-34	18-36
Current Range Input Dc(a)	60-250	70-315	60-250	70-315
Duty Cycle(%)	35	35	35	35
Welding Wire Diameter(mm)	0.8-1.2	0.8-1.2	0.8-1.2	0.8-1.2
Insulation Class	H	H	H	H
Measurement(mm)	760x440x730	760x440x730	770x440x1030	770x440x1030
Weight(kgs)	105	110	116	120
Cod.(no)	870026	870027	870032	870033

NBC-F TYPE





KR SERIES

THYRISTOR-CONTROLLED MIG/MAG WELDER

- < Little spatter,nice welding appearance.
- < Separate adjust of welding current and voltage.
- < Suitable for CO2/MIG welding.

THYRISTOR CONTROLLED



Item	KR-350	KR-500
Power Voltage(v)	380	380
Frequency(hz)	50	50
Rated Welding Current(a)	350	500
No-load Voltage(v)	53	68
Current Range(a)	60-350	80-500
Rated Input Power(kva)	18.1	32
Rated Duty Cycle(%)	60	60
Weight(kg)	160	206
Measurement(mm)	720x410x1040	770x450x1050
Wire Diameter(mm)	0.8~1.2	0.8~1.6
Cod.(no)	870028	870029

MIG
INDUSTRIAL



NB-S SERIES

IGBT SOFT-SWITCHING MIG/MAG WELDER

- < IGBT soft switch makes it high reliable
- < With arc adjustable
- < Little spatter,nice welding appearance.
- < Separate adjust of welding current and voltage.
- < Suitable for CO2/MIG welding.



Item	8.0 NB-350S	8.0 NB-500S
Power Voltage(v)	380	380
Frequency(hz)	50	50
Rated Welding Current(a)	350	500
No-load Voltage(v)	55	66
Current Range(a)	60-350	80-500
Rated Input Power(kva)	16	28
Rated Duty Cycle(%)	60	60
Weight(kg)	82	93
Measurement(mm)	690x430x1010	690x430x1010
Wire Diameter(mm)	0.8~1.2	0.8~1.6
Usable Electrode(mm)	1.6-8.0	1.6-8.0
Cod.(no)	870030	870031

INVERTER MIG
INVERTER MMA
INDUSTRIAL

ANTI STICK
ARC FORCE
HOT START
IGBT INVERTER

JIMSOAR

PLASMA CUTTING

Air plasma cutting machine is a new type of thermal cutting equipment, and its working principle is based on compressed air as working gas, to high-temperature high-speed plasma arc as heat source, while melting partial cutting metal, the high-speed airflow would blow off melted metal, forming a narrow kerf.

The device can be used for stainless steel, aluminum, copper, cast iron, carbon steel and other metal cutting, not only the cutting speed, kerf, narrow incision formation, heat-affected zone is small, but also the workpiece is not easy to get deformed. It's of simple operation, and also has significant energy-saving effect. The device is applicable to all kinds of machinery, metal structures manufacturing, installation and maintenance, for medium, thin sheet cutting, drilling, Wabu, open groove cutting, etc.





CUT SERIES

DC INVERTER PLASMA CUTTER

- < Cutting capacity increases 1.8 times higher in cutting speed comparing with flame cutter.
- < Thick metal plate can be cut easily and quickly.
- < Suitable for cutting stainless steel, copper, iron and aluminum metal etc.
- < Simple operation and smooth cutting surface.
- < HF untouched Arc-starting cutting(100)
- < HF touched Arc-starting cutting(30,40,60)



PROFESSIONAL



Item	CUT-30I	CUT-40I	CUT-60I
Power Voltage(v)	230	230	380(3PH)
Rated Input Power(kva)	3.5	4.8	7.9
No-load Voltage(v)	230	230	236
Current Range(a)	20-30	20-40	20-60
Rated Output Voltage(v)	92	96	104
Rated Duty Cycle(%)	60	60	60
Efficiency(%)	85	85	85
Insulation Class	F	F	F
Protection Class	IP21s	IP21s	IP21s
Weight(kg)	11	11	19
Measurement(mm)	460x270x345	460x270x345	585x320x420
Max.cutting Thickness(mm)	8	12	18
Cod.(no)	860001	860002	860016



CUT SERIES

DC INVERTER PLASMA CUTTER

- < Cutting capacity increases 1.8 times higher in cutting speed comparing with flame cutter.
- < Thick metal plate can be cut easily and quickly.
- < Suitable for cutting stainless steel, copper, iron and aluminum metal etc.
- < Simple operation and smooth cutting surface.
- < HF untouched Arc-starting cutting(100)
- < HF touched Arc-starting cutting(30,40,60)



PROFESSIONAL



Item	CUT-30	CUT-40	CUT-40N
Power Voltage(v)	230	230	120/230
Rated Input Power(kva)	3.5	4.8	4.8
No-load Voltage(v)	230	230	230
Current Range(a)	20-30	20-40	20-30/20-40
Rated Output Voltage(v)	92	96	96
Rated Duty Cycle(%)	60	60	60
Efficiency(%)	85	85	85
Insulation Class	F	F	F
Protection Class	IP21s	IP21s	IP21s
Weight(kg)	11	11	11
Measurement(mm)	460x270x345	460x270x345	510x250x375
Max.cutting Thickness(mm)	8	12	12
Cod.(no)	860003	860004	860006





CUT SERIES

DC INVERTER PLASMA CUTTER

- < Cutting capacity increases 1.8 times higher in cutting speed comparing with flame cutter.
- < Thick metal plate can be cut easily and quickly.
- < Suitable for cutting stainless steel, copper, iron and aluminum metal etc.
- < Simple operation and smooth cutting surface.
- < HF untouched Arc-starting cutting(100)
- < HF touched Arc-starting cutting(30,40,60)



Item	CUT-60	CUT-80	CUT-100
Power Voltage(v)	220(1PH)/380(3PH)	380	380
Rated Input Power(kva)	7.9	12	15
No-load Voltage(v)	236	270	270
Current Range(a)	20-60	20-80	20-100
Rated Output Voltage(v)	104	112	120
Rated Duty Cycle(%)	60	60	60
Efficiency(%)	85	85	85
Insulation Class	F	F	F
Protection Class	IP21s	IP21s	IP21s
Weight(kg)	19	25	35
Measurement(mm)	585x320x420	630X370X500	620x325x560
Max.cutting Thickness(mm)	18	25	30
Cod.(no)	860010	860011	860012

CUT-100 TYPE



INDUSTRIAL



LGK SERIES

AIR PLASMA CUTTER

- < Use compressed air.
- < High duty cycle, transformer type.
- < Suitable for cutting stainless steel, carbon steel, aluminum, copper and etc.
- < Simple circuit and easy maintenance.



Item	LGK-40	LGK-63	LGK-100
Power Voltage(v) (3ph)	380	380	380
Rated Cutting Current(a)	40	63	100
Air Pressure(mpa)	0.5	0.5	0.5
Maximum Cutting Thickness(mm)	15	20	30
Rated Input Current(a)	17	26	45
Rated Input Power(kva)	11	17	26
Rated Duty Cycle(%)	60	60	60
Weight(kg)	106	121	140
Measurement(mm)	760x490x750	800x850x550	840x570x810
Cod.(no)	860013	860014	860015



INDUSTRIAL





DN SERIES

SPOT WELDER

- < Low power consumption of main transformer.
- < Water-cooling structure.
- < Easy operation and maintenance with foot pedal type.
- < Adjustable welding time, easy welding,
- < Suitable for welding low carbon steel, stainless steel plate etc.



PROFESSIONAL



Item	DN-10	DN-16	DN-25
Input Voltage(v)	220/380	220/380	220/380
Rated Input Power(kva)	10	16	25
Adjusting Steps	7	7	7
Rated Duty Cycle(%)	20	20	20
Arm Stretch Length(mm)	180	180	200
Electrode Pressure(kg)	120	135	155
Welding Thickness(mm)	0.3+0.3~2+2	1+1~2.5+2.5	1+1~4+4
Dimension(mm)	1070x320x990	1070x320x990	1070x320x990
Weight(kg)	81	83	94
Cod.(no)	850001	850002	850003

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ACCESSORIES



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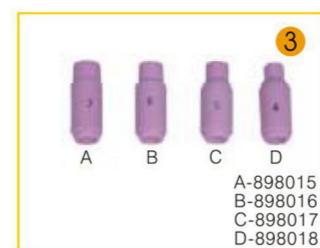
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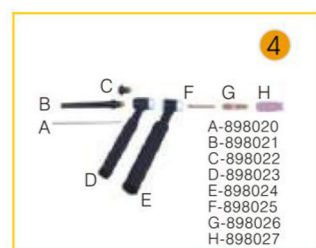
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ACCESSORIES



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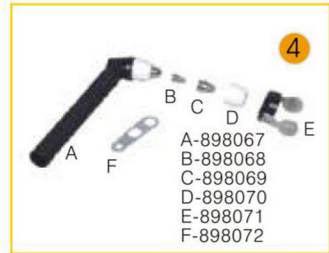


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ACCESSORIES PLUG



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