



KeyGree

2021 CATLOGUE

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CHENGDU KEYGREE TECHNOLOGY CO.,LTD.



KeyGree

We persist for a long
term target.
We believe hard work will
lead to success.

Excellence\continued beyond

We will always maintain a sense of urgency, sense of self-reflection, learning awareness, never satisfied, constantly new demands of their own, continue to pursue a high goal, and surpass themselves, to enhance the enterprise's core competitiveness.

Healthy development\sustainable

We should be sustainable, stable operation, to achieve sustainable development.

Group's employees are partners

Every employee is equal, sincere and friendly, trust and respect of our employees throughout the firm belief is the basis for enterprises to grow, employees are bound to give us in return a sense of responsibility and creativity.

Technology
Changes The Future





COMPANY PROFILE

Chengdu KEYGREE Technology Co.,Ltd. is a foreign-funded enterprise invested by British KEYGREE in China in 2009. The company specialized in developing and manufacturing digital welding and cutting power equipment. It is located at Chengdu European Industrialcity,Which is nearby China-European express train station, only 15 days from chengdu across Eastern European,Central European, and desitination to England.

Business in Central and South Asia,Europe, the Americas, the Middle East and more than 30 countries and regions.

At present,We have a plant area of more than 12000 squan meters . Supply quality and european technology devices more then 250000sets per year. Supply quality and european technology devices more then 250000sets per year. All product series are certified national mandatory CCC, EU CE safety certification, ISO9001: 2000 international quality system.

KEYGREE Technology is growing up with its unique business strategy, strict quality policy and reliable product characteristics, standing in the welding equipment industry. Its products are widely used in aviation, shipbuilding, automotive, chemical, mining, construction, steel, machinery, steel structure, hardware processing and other industries, committed to technological innovation and market development to the world's brands and make unremitting efforts.



SALES NETWORK

Customers'satisfaction is our target

To keep leading position in technology and service, and also in the market.

We set-up sales network all over the country,,

We obtain the success constantly.....

We work hard again and again.....

Our sales are expanding continuously

Enterprise objective

Rigorous management
advocation science ang technology
high-quality service/good faith

Enterprise spirit

Unity/professional/offer/high efficiency

Enterprise policy

Innovates strives for
the development
Will e xploring for future

◀ **ARC SERIES**

ARC (MINI)	01
ARC(ECONOMIC)	02
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ARC(LCD)	04
ARC(PFC)	05
ARC(1/2P 140-510V)	06
ARC(1/2P 140-510V)	07
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◀ **MIG SERIES**

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MIG(SEMI-PROFESSIONAL)	13
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MZ(ARC SUBEMERGE)	31
RSN(STUD WELDING MACHINE)	32



- MMA / TIG (LIFT)
- Advanced igbt inverter technology
- Built-in hot start/anti stick
- Accept electrode :1.6-3.2mm (6013 , 7018 , 6011, 6010)

MODEL	ARC-200MINI	ARC-220MINI	ARC-240MINI
Rated Input Voltage(V)	1P 220V(1P 110/220V)		
Frequency(Hz)	50/60		
Rated Input Current(A)	13.6	15.5	20.1
Input Capacity(KVA)	3.0	3.4	4.6
No-Load Voltage(V)	68		
Current Range(A)	20-200	20-200	30-240
Rated Work Voltage(V)	24.2	25	25.6
Duty Cycle(%)	30		
Net Weight(KG)	2.1	2.2	2.3
Machine Dimension(MM)	240×90×130		



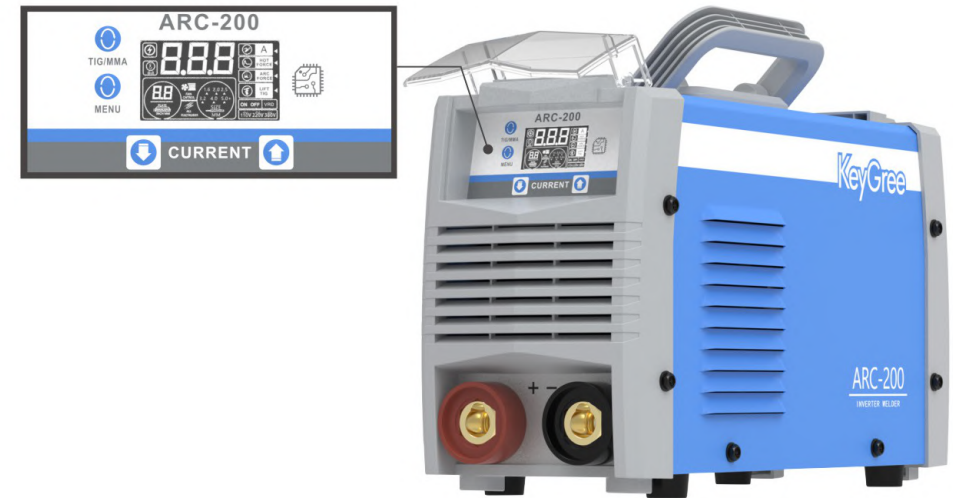
- MMA / TIG (LIFT)
- Advanced igbt inverter technology
- Built-in hot start/anti stick/arc force
- Accept electrode :1.6-4.0mm (6013,7018,6011)

MODEL	ARC-100	ARC-120	ARC-140	ARC-160	ARC-180	ARC-200	ARC-200
Rated Input Voltage(V)	1P 220V						1P 110V/220V
Frequency(Hz)	50/60						
Rated Input Current(A)	13.6	15.5	20.1	26	32	37	74/37
Input Capacity(KVA)	3.0	3.4	4.6	5.5	6.5	7.5	7.5
No-Load Voltage(V)	60						
Current Range(A)	20-100	20-120	30-140	30-160	30-180	30-200	30-200
Rated Work Voltage(V)	24.2	25	25.6	26.4	27.2	28	28
Duty Cycle(%)	35						
Net Weight(KG)	3.2	3.2	3.5	3.6	3.8	4	4.2
Machine Dimension(MM)	272×120×190				307×120×190		330×125×210



- MMA / TIG (LIFT)
- Advanced igbt inverter technology
- Digital display for precise adjustment
- Built-in hot start/anti stick/arc force
- Accept electrode: 1.6-4.0mm (6013, 7018, 6011)

MODEL	ARC-PRO165
Rated Input Voltage(V)	1P 110/220V
Frequency(Hz)	50/60
Rated Input Current(A)	20.1
Input Capacity(KVA)	4.6
No-Load Voltage(V)	60
Current Range(A)	30-160
Rated Work Voltage(V)	25.6
Duty Cycle(%)	35
Net Weight(KG)	4.65
Machine Dimension(MM)	272×120×190



- MMA / TIG (LIFT)
- Advanced igbt inverter technology
- Built-in hot start/anti stick/arc force
- Accept electrode: 1.6-4.0mm(6013, 7018, 6011)

MODEL	ARC-120	ARC-140	ARC-160	ARC-180	ARC-200	ARC-200
Rated Input Voltage(V)	1P 220V					1P 110V/220V
Frequency(Hz)	50/60					
Rated Input Current(A)	15.5	20.1	26	32	37	74/37
Input Capacity(KVA)	3.4	4.6	5.5	6.5	7.5	7.5
No-Load Voltage(V)	60					
Current Range(A)	20-120	30-140	30-160	30-180	30-200	30-200
Rated Work Voltage(V)	25	25.6	26.4	27.2	28	28
Duty Cycle(%)	35					
Net Weight(KG)	3.2	3.5	3.6	3.8	4	4.2
Machine Dimension(MM)	272×120×190			307×120×190		307×120×190

PFC TECHNOLOGY

Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage, works with 110V and 220V.



- MMA / TIG (LIFT)
- Advanced IGBT inverter technology
- Built-in hot start/anti stick/arc force
- Accept electrode :1.6-5.0mm(6010, 6013,7018,6011)

MODEL	ARC200-PFC	ARC250-PFC
Main Voltage(V)	96-265	
Frequency(Hz)	50/60	
Input Capacity(KVA)	6.6	8.9
Recommended fuse capacity (A)	30	30
Rated output (A/V)	200/28	250/30
Duty cycle (40C 10MIN)	40@200A	40@250A
	60@140A	60@175A
	100@110A	100@130A
No-load voltage (V)	9(VRD)/68(NO VRD)	
Welding current range (A)	10-200	10-250
Arc force current (A)	50	
Insulation class	F	
cooling method	AIR	
Enclosure rating	IP21S	
Power factor	0.998	
Net Weight (KG)	6.4	6.5



- WIDE VOLTAGE:1P 200-440V
- Compact design with 3PCB,only 5.3kg,300×160×280mm
- Electrode:1.6-5.0mm, weld 4.0mm continuously

Model	ARC-318K		ARC-418K	
Input Power Source	AC220V±15%	AC380V±15%	AC220V±15%	AC380V±15%
Frequency(Hz)	50/60			
Rated Input Current(A)	37	28	42	32
Rated Input Capacity(KVA)	8.2	10.6	9.3	12
No-Load Voltage(V)	74	64	74	64
Current Range(A)	30-318	30-318	30-418	30-418
Rated working Voltage(V)	27.6	27.6	28.4	28.4
Duty Cycle(%)	40			
Efficiency(%)	85			
Power Factor	0.8			
Insulation level	F			
Shell protection level	IP21			
Electrode Type	Carbon Steel,Stainless Steel,Iron			
Sheet material	Stainless Steel, Alloy Steel, Carbon Steel, Iron			
Electrode Diameter(MM)	2.5-4.0 Electrode		2.5-5.0 Electrode	
Machine Dimension(MM)	410×205×370		410×205×370	
Weight(KG)	5.5		6	



- Wide voltage 1P 160-540V
- Easily with extend welding cable more than 100meters
- Electrode:1.6-5.0mm, weld 4.0mm continuously
- Generator welcome
- Built-in hot start,anti-stick,adjustable arc force

MODEL	ARC-250K		ARC-315K		ARC-350K		ARC-400K	
Input Power Source	1P-220V	1P-380V	1P-220V	1P-380V	1P-220V	1P-380V	1P-220V	1P-380V
Frequency(Hz)	50Hz/60Hz							
Rated Input Current(A)	30	23.1	34.8	28.3	39.8	34	39.8	38
Rated Input Capacity(KVA)	6.6	8.8	7.7	10.8	8.8	12.9	8.8	14.4
No-Load Voltage(V)	90	85	90	75	90	75	90	75
Real Rated output(A/V)	160/26.4	170/26.8	180/27.2	200/28	200/28	230/29.2	200/28	250/30
Real Current Range(A)	30-160	30-170	30-180	30-200	30-200	30-230	30-200	30-250
Arc Force Current Range(A)	0-50		0-60		0-65		0-70	
Duty Cycle(%)	60							
Efficiency(%)	80							
Electrode Diameter(MM)	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0
Machine Dimension(MM)	355×190×310		410×205×370		410×205×370		410×205×370	
Weight(KG)	5.9		8.7		10		11	



- Multi-voltage,1/3P 200-440V
- Easily with extend welding cable that more than 100meters
- Electrode:1.6~5.0mm, weld 4.0mm continuously
- Generator welcome
- Built-in hot start, manti-stick,adjustable arc force

MODEL	ARC-400Q			
Rated Input Voltage(V)	1P 220V	3P 220V	3P 380V	3P 440V
Frequency(Hz)	50/60			
Rated Input Current(A)	30	17	16.5	13.5
Rated Input Capacity(KVA)	6.6	6.6	10.8	10.8
No-Load Voltage(V)	71			
Output Current Range(A)	30-400			
Rated Working Voltage(V)	28	28	31.6	31.6
Thrust Current Range(A)	0-80	0-80	0-80	0-80
Duty Cycle(%)	60			
Efficiency(%)	85			
Electrode Diameter(MM)	4	4	5	5
Net Weight(KG)	16			
Machine Dimension(MM)	520×300×450			



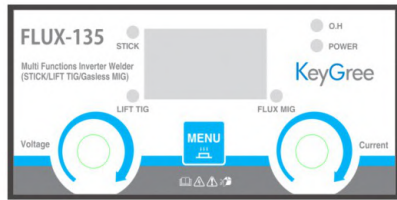
- Easily with extend welding cable More than 100meters
- Accept electrode :1.6-5.0mm
- Generator welcome
- Built-in hot start,anti-stick,adjustable arc force

MODEL	ARC-400T	ARC-500T
Input Power Source	3P AC380V±15%	3P AC380V±15%
Frequency(Hz)	50/60	
Rated Input Current(A)	14A	16.5A
Rated Input Capacity(KVA)	8.8KVA	10.8KVA
No-Load Voltage (V)	68V	68V
Current Range(A)	40-250A	50-290A
Rated working Voltage(V)	30V	31.6V
Arc Force Current Range	0-80A	0-80A
Duty Cycle(%)	60	
Efficiency(%)	85	
Power Factor	0.93	
Electrode Type	Carbon Steel,Stainless Steel,Iron	
Sheet material	Carbon Steel,Stainless Steel,Iron, low-alloy steels	
Electrode Diameter(MM)	4.0	5.0
Machine Dimension (MM)	440×220×410	510×245×450
Net Weight(KG)	10.35	13.15



- Dual module
- High duty cycle,24hours continuously work
- Easily with extend welding cable that more than 100meters
- Rod diameter can weld :1.6-12.0mm
- Generator welcome
- Built-in anti-stick,adjustable arc force, hot start

MODEL	ARC-400A	ARC-500A	ARC-630A	ARC-1000A	ARC-1250A
Rated Input Voltage(V)	3P AC380V±15%				
Frequency(Hz)	50/60				
Rated Input Capacity(KVA)	12.1	21.5	39.6	61.1	76.4
Inverting Frequency(KHZ)	18.4	32.6	60.1	92.8	116
Adjustable Current Range(V)	280/31.2	420/36.8	630/44	1000/44	1250/44
Real Output Current(A)	0-65	0-105	400	660	700
No-Load Voltage(V)	66	72	97	72	72
Duty Cycle(%)	60	60	60	80	80
Efficiency(%)	80	80	80	80	80
Rod Diameter(MM)	2.5-4.0	2.5-5.0	6.0-10.0	6.0-12.0	6.0-12.0
Net Weight(KG)	20	25	45	102	102
MachineDimension(MM)	470×230×460	540×260×490	590×290×540	650×310×600	650×310×600



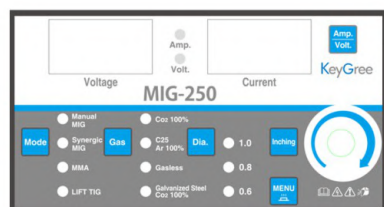
- GASLESS MIG/ARC/TIG LIFT
- Apply to D100 1kg flux core wire built in
- Weld 0.8/0.9mm flux core wire continuously
- Max weld mild steel up to 1/8 inch (4mm) plate.
- Advanced igbt inverter technology

MODEL	FLUX-135
Rated Input Voltage(V)	1P 220V±10%
Frequency(Hz)	50/60
Rated Input Current(A)	13
Rated Input Capacity (KVA)	5.5
No-Load Voltage(V)	60
Rated Working Voltage(V)	20.75
Duty Cycle(%)	40
Welding Wire Diameter(MM)	0.8/1.0
Net Weight(KG)	6.2
Machine Dimension(MM)	390×165×295



- MIG/MAG/ARC/TIG LIFT/GASLESS MIG
- Accept to D100(1kg) / D200(5kg) wire
- Advanced igbt inverter technology
- Compatible with euro connector torch
- Ventilated turbo - high cooling efficiency

MODEL	MIG-160	MIG-180	MIG-200
Rated Input Voltage(V)	1P 220V±10%		
Frequency(Hz)	50/60		
Rated Input Current(A)	16	18	20
Rated Input Capacity(KVA)	6.6	6.9	7.2
No-Load Voltage(V)	62		
Rated Working Voltage(V)	22	23	24
Duty Cycle(%)	40		
Welding Wire Diameter(MM)	0.6/0.8/1.0		
Gross Weight(KG)	13.5	14	15.5
Dimension(MM)	510×310×415		



- MIG/MAG/ARC/TIG LIFT/GASLESS MIG
- Synergic system
- Apply to D100(1kg) / D200(5kg) wire
- Advanced igbt inverter technology
- Thermal protection indicator
- Ventilated turbo - high cooling efficiency

MODEL	MIG-250	MIG-250S	
Rated Input Voltage(V)	1P 220V±10%	1P 110V	1P 220V
Frequency(Hz)	50/60		
Rated Input Capacity(KVA)	7.2	6.9	7.2
Output Current Adjustment Range(V)	MIG:30-250 MMA:30-225	MIG:30-250 MMA:30-225	MIG:30-170 MMA:30-155
No-Load Voltage(V)	65		
Type of Wire Feeder	Built-in 2 roller single drive		
acceptable wire	≤5KG(≤D200)		
Material can weld	stainless steel, carbon steel. Low alloy steel		
Recommand Welding Thickness(MM)	0.9-10		
Efficiency(%)	85		
Power Factor(COS φ)	0.93		
Duty Cycle(%)	60		
Welding Wire Diameter(MM)	0.6/0.8/1.0	0.6/0.8/0.9	
Net Weight(KG)	9.6	10	
Gross Weight(KG)	14.1	14.5	
Machine Dimension(CM)	47×21×34		



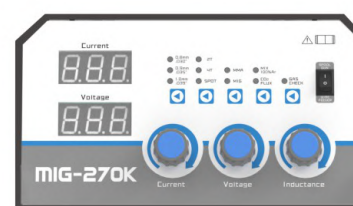
- Synergic system lcd display
- Apply to D100(1kg) / D200(5kg) wire
- Can weld aluminum, stainless steel And carbon steel
- Advanced igbt inverter technology
- Thermal protection indicator
- Ventilated turbo - high cooling efficiency

MODEL	MIG-2500
Rated Input Voltage(V)	1P 220V±10%
Frequency(Hz)	50/60
Rated Input Capacity(KVA)	7.2
Output Current Adjustment Range(V)	MIG:30-250 MMA:30-225
No-Load Voltage(V)	65
Type of Wire Feeder	Built-in 2 roller single drive
acceptable wire	≤5KG(≤D200)
Material can weld	stainless steel ,carbon steel ,Aluminum
Recommend Welding Thickness(MM)	0.9-10
Efficiency(%)	85
Power Factor(COS φ)	0.93
Duty Cycle(%)	60
Welding Wire Diameter(MM)	0.8/1.0/1.2
Net Weight(KG)	10.5
Gross Weight(KG)	15
Machine Dimension(CM)	47x21x34



- MMA/CUT/TIG/MIG 4 in1, the most versatile welders and plasma cutters for DIY home project.
- Quality cut 12 mm metals ,melt 1.0 mm wire ,weld 1.6-4.0mm rod.
- Compact design only 10.5KG

MODEL	TL-520
Input Power Source	1P-AC220±10%
Frequency(Hz)	50/60
Rated Input Current(A)	MIG:43A ARC:42A
Rated Input Capacity(KVA)	4.0-6.3
Rated Output(A/V)	"MIG:160/22 MMA:160/26.4 CUT:40/96"
No-Load Voltage (V)	58@MIG/MMA/LIFT TIG250@CUT
Real Current Range(A)	MIG:30-160 / MMA:20-160 / CUT:20-40 / LIFT TIG:20-160
Duty Cycle(%)	60
Efficiency(%)	85
Wire Diameter(MM)	0.8-1.0
Cutting thickness(MM)	12.0
Efficiency(%)	85
Wire Diameter(MM)	0.8-1.0
Cutting thickness(MM)	12.0
Machine Dimension (MM)	430×200×350
Net Weight(KG)	10.5



- 1 /3P 200-440V
- Apply to D270 15kg wire built in
- Compatible with spool gun
For aluminum welding
- Generator compatible
- Advanced igt inverter technology
- Trolley welcome

MODEL	MIG-270K	MIG-350K
Power Voltage (V)	1P 200-440V 3P 220/380/440	
Frequency (Hz)	50Hz/60Hz	
No Load Voltage (V)	73	
Rated Input Current (Amps)	1/2 Phase 208v 38a 3phase 220/230/240v 17a 3phase 380/415/440v 13a	1 Phase 208v 43a 3phase 220/230/240v 21a 3phase 380/415/440v 16a
Output Current Adjustment (Amps)		
Duty Cycle (%)	Mig 60% @ 270a Lift Tig Mma 60% @ 180a	Mig 60% @ 350a Lift Tig Mma 60% @ 234a
Power Factor	0.73	
Efficiency (%)	80	
Gross Weight(KG)	35	38
Package Dimension(CM)	72×60×34	72×60×34



- MIG/MMA
- Double module igbt
- Close type wire feeder(4-roll drive)
- Apply to D300 20kg wire seperated
- Compatible with euro connection torch
- High duty cycle, 24hours continuously work

MODEL	MIG-350	MIG-500	MIG-630	MIG-1000
Rated Input Voltage(V)	3P 380V±15%			
Frequency(Hz)	50/60			
Rated Input Capacity(KVA)	16.8	23	32	51
Inverting Frquency(KHZ)	20	20	20	20
No-Load Voltage(V)	68	80	80	80
Duty Cycle(%)	60	60	70	80
Voltage Range(V)	14-40	14-50	14-50	14-50
Wire feeder Type	2-roll	4-roll drive(close type)		
Welding Wire Diameter(MM)	0.8-1.2	0.8-1.6	0.8-2.0	0.8-3.2
Machine Weight(KG)	22	40	45	102
Accessory Weight(KG)	21	25	25	/
Machine Dimension(MM)	580×290×540	655×345×600	655×345×600	1080×470×450



- MMA/MIG
- Synergic system
- Close type wire feeder with 4-roll drive
- Apply to D300 20kg wire
- Can weld aluminum, stainless steel, carbon steel, Copper...
- Compatible with water cooler euro torch
- High duty cycle
- Programmable memory

MODEL	NBM-280	NBM-350	NBM-500
Rated Input Voltage(V)	3P 380V±15% 50/60HZ		
Frequency(Hz)	50/60		
Rated Input Current(A)	28	35	51
Rated Input Capacity (KVA)	19	23	33.8
No-Load Voltage(V)	68	73	76
Rated Working Voltage(V)	28	31.5	39
Duty Cycle(%)	60		
Welding Wire Diameter(MM)	0.8/1.0/1.2	0.8/1.0/1.2	1.0/1.2/1.6
Grow Weight(KG)	76	160	170
Package Dimension(MM)	820×495×760	1150×540×1580	1150×540×1580



- MIG/MMA
- Flexible diy power connection, 1/3P 200-440V
- Apply to D300 20kg wire separated
- Compatible with euro connection torch
- Wire feeder separated, extension wire can be up to 50m

MODEL	MIG-350K	
Rated Input Voltage(V)	1/3P 220V	1/3P 380V
Frequency(Hz)	50/60Hz	
Output Current(A)	220	350
Rated Input Current(A)	35	29
Rated Input Capacity (KVA)	23	19
No-Load Voltage(V)	60	
Rated Working Voltage(V)	31.5	
Duty Cycle(%)	60	
Welding Wire Diameter(MM)	0.8/1.0/1.2	
Net Weight(KG)	19.5	
Machine Dimension(MM)	540x270x490	



- MIG/MMA
- Flexible diy power connection, 1/3P 200-440V
- Apply to D300 20kg wire built in
- Compatible with euro connection torch

MODEL	MIG-270K	
Rated Input Voltage(V)	1/3P 220V	1/3P 380V
Frequency(Hz)	50/60Hz	
Output Current(A)	180	250
Rated Input Current(A)	24	19
Rated Input Capacity (KVA)	18	13
No-Load Voltage(V)	55	
Rated Working Voltage(V)	27.5	
Duty Cycle(%)	60	
Welding Wire Diameter(MM)	0.8/1.0	
Net Weight(KG)	14	
Machine Dimension(MM)	470x230x460	



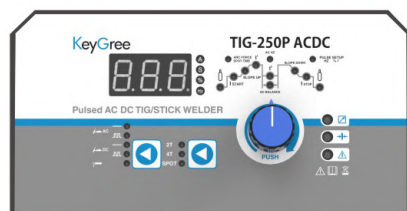
- TIG/MMA
- Advanced igbt inverter technology
- Thermal protection indicator
- Ventilated turbo

MODEL		TIG-200	TIG-250	TIG-300	TIG-315	TIG-400
Rated Input Voltage(V)		1P AC220V±15%			3P AC380V±15 50/60Hz	
Input Frequency(Hz)		50/60				
Rated Input Current(A)		17	35	47	16	20
Rated Input Power(KVA)	MMA	40-140	40-160	40-220	40-250	40-290
	TIG	10-160	10-190	10-300	10-300	10-345
No-Load Voltage(V)	MMA	25	27.2	28.8	30	31.6
	TIG	16	18	22	22	23.6
Rated Input Power(KVA)		3.8	5.6	10.3	9.2	11.1
No-Load Voltage(V)		45	65	65	65	68
Duty Cycle(%)		40		60	60	
Gross Weight(KG)		8.3	8.4	27	27	45
Package Dimension(MM)		475×220×345	475×220×345	615×345×565	615×345×565	710×375×630



- MMA/DC TIG/DC PULSE TIG
- Advanced igbt inverter technology
- Thermal protection indicator
- Ventilated turbo - high cooling efficiency
- Foot control can be used

MODEL		TIG-200P	TIG-300P	TIG-315P	TIG-500P
Rated Input Voltage(V)		1P AC230V±15% 50/60Hz			3P AC380V±15% 50/60Hz (3P 220V can customize)
Input Frequency(Hz)		50/60			
Rated Input Current(A)		36	47	29	39
Rated Input Power(KVA)	MMA	40-175	40-220	40-250	40-350
	TIG	10-200	10-300	10-300	10-400
No-Load Voltage(V)	MMA	25	28.8	30	31.6
	TIG	16	22	22	23.6
Rated Input Power(KVA)		3.8	10.3	9.2	11.1
No-Load Voltage(V)		45	65	65	68
Duty Cycle(%)		40	60		
Gross Weight(KG)		11	27	29	47
Package Dimension(MM)		480x305x430	615x345x565	615x345x565	710x375x630



- MMA/DC TIG/DC PULSE TIG/AC PULSE TIG
- Advanced igbt inverter technology
- Thermal protection indicator
- Ventilated turbo - high cooling efficiency
- Foot control can be used

MODEL		TIG-250P ACDC	TIG-315P ACDC	TIG-500P ACDC
Rated Input Voltage(V)		1P 220V±15%	3P 380V±15%	
Input Frequency(Hz)		50/60		
Rated Input Current(A)		30	39	48
Rated Input Power(KVA)		6	25	27
No-Load Voltage(V)	MMA	9	14	
	TIG	56	75	
AC Output Frequency(Hz)		20-250	20-315	20-500
Duty Cycle(%)		60		
Gross Weight(KG)		16	136	146
Package Dimension(CM)		48×32×43	141×63×130	



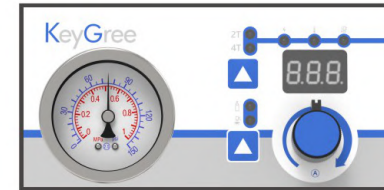
- Cut All Metal

MODEL	CUT-40	CUT-50	CUT-60	CUT-50S
Rated Input Voltage(V)	1P 220V±15%			1P 110/220±15%
Frequency(Hz)	50/60			
Rated Input Power(KVA)	6.6	7.4	7.4	7.4
No-Load Voltage(V)	250	265	265	265
Quality Cutting Thickness(MM)	1-12	1-15	1-18	1-15
Arc Ignition Mode	HF, touch			
Gas Pressure Range(Mpa)	0.45-0.5			
Duty Cycle(%)	40			
Gross Weight(KG)	10.5	11	15	12
Package Dimensions(MM)	475×220×375		560×210×410	490×285×385



- NON-TOUCH PILOT ARC
- Generator welcome
- Air check/cut mode
- Indicate for power over heat, torch protection
- Air pressure flow meter
- 2steps and 4 steps

MODEL	CUT-55 PILOT
Rated Input Voltage(V)	1P 110/220±15%
Frequency(Hz)	50/60
Rated Input Power(KVA)	7.4
No-Load Voltage(V)	265
Quality Cutting Thickness(mm)	1-15
Arc Ignition Mode	HF, unction
Gas Pressure Range(Mpa)	0.4-0.45
Duty Cycle(%)	40
Gross Weight(KG)	12
Package Dimensions(mm)	490×285×385



PFC TECHNOLOGY

Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage, works with 110V and 220V.



- NO HF
- MAX cutting thickness:30mm
- Air check/cut mode

MODEL	CUT-45PFC
Rated Input Voltage(V)	96~276
Frequency(Hz)	50/60
Rated Input Power(KVA)	7.4
No-Load Voltage(V)	280
Range Of Output Current	20-65
Arc Striking Mode	Non-Contact
Working Air Pressure(Mpa)	0.4-0.45
Duty Cycle(%)	60
Power Factor	≥0.7
Efficiency	≥85
Insulation Type	F
Protection Type	IP21S
Net Weight	9
Machine Dimensions(MM)	390×250×290



- Air pressure flow meter
- 2steps and 4 steps
- Indicate for power over heat, torch protection

CAPACITY	THICKNESS	CUT SPEED
Handheld cut		
Recommended	15mm	500mm/min
	30mm	150mm/min
	20mm	250mm/min
Pierce	6mm	
	METAL REMOVAL RATE	GROOVE PROFILE
	Gouge capacity	
	3kg per hour	3.2mm×6.8mm



- HF
- MMA/CUT
- Air compressor built in
- Non-touch pilot arc

MODEL	CUT-65AIR	CUT-100T	CUT-120T	CUT-130T
Rated Input Voltage(V)	1P 220V	3P 380V±15%		
Frequency(Hz)	50/60			
Rated Input Power(KVA)	8	23	27.6	30.4
No-Load Voltage(V)	280	320	320	320
Output Current(A)	65/CUT 170/MMA	100/CUT 250/MMA	120/CUT 300/MMA	130/CUT 350/MMA
Quality manual Cutting Thickness(MM)	"7/stainless steel 15/carbon steel"	10/stainless steel 20/carbon steel	12/stainless steel 25/carbon steel	12/stainless steel 25/carbon steel
MAX manual Cutting Thickness(MM)	20	40	50	50
Arc Ignition Mode	HF			
Gas Pressure Range(Mpa)	0.4-0.45	0.45	0.45	0.45
Duty Cycle(%)	60			
Net Weight(KG)	17	63	66	70
Machine Dimensions(MM)	503×304×480	635×325×650	635×325×650	635×325×650

CUT-65AIR CAPACITY	THICKNESS	CUT SPEED
Recommended	Handheld cut	
	10mm	500mm/min
	20mm	150mm/min
	15mm	400mm/min



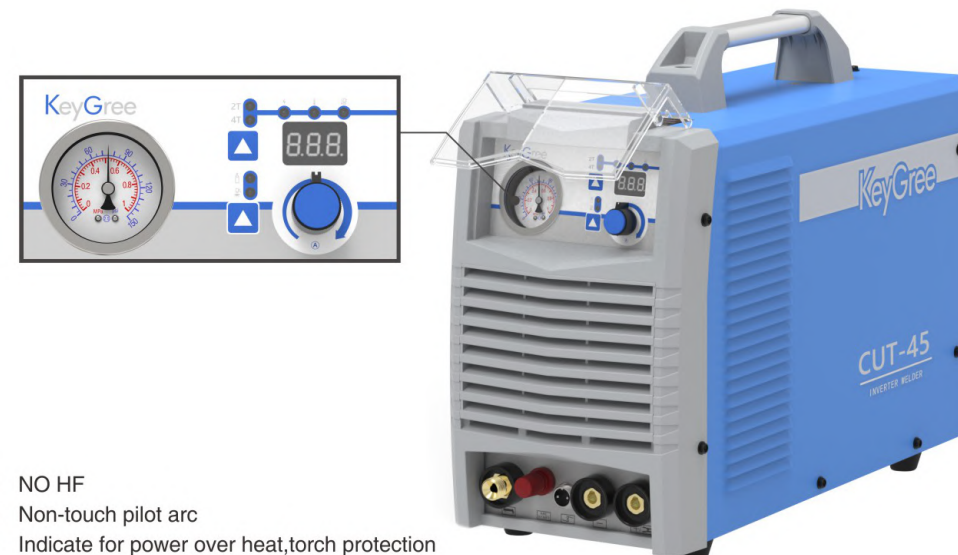
- Three phase plasma cutter
- Upgrade igbt inverter technology
- Pilot arc start, HF.
- Equipped with voltage protection and thermal protection
- Compatible with euro connection torch
- Fan cooling system(can with water cooler)

MODEL	CUT-80	CUT-100	CUT-120
Supply Voltage(VAC)	Three Phase AC380V±15% 50Hz		
Rated Input Power(KVA)	17.8	23	27.6
Rated Output Current(A)	27	35	42
Duty Cycle(%)	60		
No-Load Voltage(V)	310	320	320
Output Current Range(A)	30-80	30-100	30-120
Arc Ignition Mode	HF,no touch		
Gas Pressure Range(Mpa)	0.4-0.5		
Quality manual Cutting Thickness(MM)	7/stainless steel 15/carbon steel	10/stainless steel 20/carbon steel	12/stainless steel 25/carbon steel
Quality CNC Cutting Thickness(MM)	/	/	10/carbon steel 6/stainless steel
MAX Manual Cutting Thickness(MM)	25	40	50
Net Weight(KG)	22.5	27	36
Package Dimensions(MM)	615x345x565		



- Three phase plasma cutter
- Upgrade igbt inverter technology
- Pilot arc start, HF.
- Equipped with voltage protection and thermal protection
- Compatible with euro connection torch
- Fan cooling system(can with water cooler)

MODEL	CUT-130	CUT-160	CUT-200	CUT-300
Supply Voltage(VAC)	Three Phase AC380V±15% 50Hz			
Rated Input Power(KVA)	31	38	52	78
Rated Output Current(A)	47	57	79	118
Duty Cycle(%)	60		80	
No-Load Voltage(V)	330	330	360	360
Output Current Range(A)	30-130	30-160	30-200	30-300
Arc Ignition Mode	HF,no touch			
Gas Pressure Range(Mpa)	0.4-0.5	0.45-0.55	0.45-0.6	
Quality manual Cutting Thickness(MM)	12/stainless steel 25/carbon steel	15/stainless steel 30/carbon steel	17/stainless steel 35/carbon steel	23/stainless steel 45/carbon steel
Quality CNC Cutting Thickness(MM)	16/carbon steel 10/stainless steel	20/carbon steel 16/stainless steel	25/carbon steel 20/stainless steel	32/carbon steel 25/stainless steel
MAX Manual Cutting Thickness(MM)	50	60	70	90
Net Weight(KG)	47	130	130	150
Package Dimensions(MM)	685×360×615	700×380×970		



- NO HF
- Non-touch pilot arc
- Indicate for power over heat,torch protection
- Can customize
- (With air compressor built in, CNC connection , Euro connection , Gouge / CUT 2 in 1)

MODEL	CUT-45	CUT-65	CUT-85	CUT-105	CUT-125
Rated Input Voltage(V)	1P 220	3P 220/380			
Frequency(Hz)	50/60				
Rated Input Power(KVA)	7.4	11.5	12	15	21
No-Load Voltage(V)	280	280	280	280	280
Range Of Output Current(A)	20-45	20-65	20-85	20-105	20-125
ARC Striking Mode	Non-Contact,NO HF				
Maximum Manual Cutting thickness(MM) @150mm/min	20	35	45	50	55
Quality Manual Cutting thickness(MM)@ 250mm/min	15	25	30	35	40
Quality Manual Cutting thickness(MM)@ 500mm/min	10	20	25	30	35
Excellent Cutting Tickness(MM)/CNC	6	10	15	20	25
Working Air Pressure(Mpa)	0.4-0.45				
Duty Cycle(%)	60				
Power Factor	0.8				
Insulation Type	F				
Protection Type	IP21S				



- Adjustable arc force, arc start
- Designed with fully digital control, friendly for user
- With MMA function, can weld all types of electrode
- Multifunctional, can use MMA/GOUGING
- heavy industrial of steel structure, boiler, shipbuilding, power construction, bridge

MODEL	MZ-1000	MZ-1250
Supply Voltage(VAC)	3P 380V±10%	
Input Frequency(Hz)	50/60	
Rated Input Current(A)	103	128
Rated Input Power(KVA)	67.5	84.4
No-Load Voltage(V)	75	
Rated Output Voltage(V)	44	
Duty Cycle(%)	80	
Wire Diameter	3.0/4.0/5.0/6.0	3.0/4.0/5.0/6.0
Package Dimension(CM)	70x38x97(Power source) 102x48x74(Tractor)	76x44x108(Power source) 102x48x74(Tractor)
Package Weight(KG)	105(Power source) 69(Tractor)	120(Power source) 69(Tractor)



- On-Wheels stud welding machine , easy to move
- Can weld 3-25mm stud
- Heavy duty cycle ,can reach to 100% , suitable for heavy industrial of steel structure, boiler, shipbuilding, power construction, bridge
- Designed with Fully digital control, friendly for user

MODEL	RSN-2500
Rated Input Voltage(V)	3P-380V±15%
Input voltage	163A
Rated input capacity	107.5KVA
No-Load Voltage(V)	93V
Welding speed(pcs/min)	10-35
Rated welding voltage	32
Welding amperage(A)	40-2500A
Dia of stud(mm)	3-25
welding Time(s)	0.01-4.0
Length of stud(mm)	≤ 400
Gross Weight(KG)	145