



KEYGREE GROUP CO.,LTD.

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KeyGree

CATALOG

KEYGREE
GROUP CO.,LTD.





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 Industrial estate.Which is nearby China-European express train station, only 15 days from Chengdu across Eastern European,Central European, and destination 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 square meters . Supply quality and European technology devices more then 250000sets per year. Supply quality and European technology devices more than 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 and technology
high-quality service/good faith

Enterprise spirit

Unity/professional/offer/high efficiency

Enterprise policy

Innovates strives for
the development
Will exploring for future

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ARC (MINI)

- MMA / LIFT TIG
- Built-in Hot Start / Anti-stick
- Advanced IGBT inverter technology

MODEL	ARC-200MINI	ARC-220MINI	ARC-240MINI
Rated Input Voltage(V)	1P 220V(1P 110/220V)		
Frequency(Hz)	50/60		
Input Capacity(KVA)	3	3.8	4.5
Output Power(KW)	2.4	3	3.6
No-Load Voltage(V)	65		
Adjustable Current Range(A)	20-200	20-220	20-240
Real Output Current(A)	100	120	140
Rated Work Voltage(V)	24	24.8	25.6
Electrode Diameter(MM)	1.6-2.5	1.6-3.2	1.6-4.0
Duty Cycle(%)	25		
Efficiency(%)	85	85	85
Weight(KG)	2.1	2.2	2.3
Machine Dimensions(MM)	240*90*140		

ARC (ECONOMIC)



ARC (ECONOMIC)

- MMA / LIFT TIG
- Built-in Hot Start / Anti-stick
- Advanced IGBT inverter technology

MODEL	ARC-100	ARC-120	ARC-140	ARC-160	ARC-180	ARC-200
Rated Input Voltage(V)	1P 220V					
Frequency(Hz)	50/60					
Input Capacity(KVA)	3	3.8	4.5	5.3	6.2	7.1
Output Power(KW)	2.4	3	3.6	4.2	4.9	5.6
No-Load Voltage(V)	65					
Adjustable Current Range(A)	20-100	20-120	20-140	20-160	20-180	20-200
Real Output Current(A)	100	120	140	160	180	200
Rated Work Voltage(V)	24	24.8	25.6	26.4	27.2	28
Electrode Diameter(MM)	1.6-2.5	1.6-3.2	1.6-4.0	1.6-4.0	1.6-4.0	1.6-4.0
Duty Cycle(%)	35					
Efficiency(%)	85					
Weight(KG)	3.2	3.2	3.5	3.6	3.8	4
Machine Dimensions(MM)	272*120*190			307*120*190		



ARC (LCD)

- VRD
- Synergic
- LED display
- MMA / LIFT TIG
- One-click factory reset function
- Overcurrent and overheating protection
- Wireless / Wired remote control compatibility
- Hot Start / ARC Force adjustable, Anti-stick built-in
- With radio frequency remote control function, Wireless remote control function distance $\leq 40M$

Model	ARC-120LCD	ARC-160LCD	ARC-180LCD	ARC-200LCD	ARC-230LCD
Rated Input Voltage(V)	1P 220V	1P 220V	1P 220V	1P 220V	1P 220V
Rated Input Current(A)	36	36	41	46	51
Input Capacity(KVA)	3	5.1	8.1	9	10.1
Inverter Frequency(KHz)	40	40	40	40	40
No-Load Voltage(V)	65	78	78	78	78
Duty Cycle(%)	25	30	30	30	30
Current Range(A)	20-120	20-160	20-180	20-200	20-220
Recommend Electrode Diameter(MM)	1.6-3.2	1.6-3.2	1.6-4.0	1.6-4.0	1.6-5.0
Efficiency(%)	85				
Insulation Class	F				
Real Current(A)	120	160	180	200	220
Machine Dimensions(MM)	240*90*140	305*130*245	325*160*280	325*160*280	325*160*280
Weight(KG)	2.2	3.75	4.95	4.95	5.3

ARC (2Layers)



ARC (2Layers)

- 2 layers
- Full bridge
- IGBT chip
- MMA / LIFT TIG
- VRD ON / OFF switch
- Hot Start / Anti-stick / ARC Force built-in

Model	ARCPro-160	ARCPro-180	ARCPro-200
Rated Input Voltage(V)	1P 220V	1P 220V	1P 220V
Rated Input Current(A)	27.5	31	35
Input Capacity(KVA)	6	6.8	7.7
Inverter Frequency(KHz)	30	30	30
No-Load Voltage(V)	88	88	92
Duty Cycle(%)	100	60	30
Adjustable Current Range(A)	40-160	40-180	40-200
Real Output Current(A)	160	180	200
Electrode Diameter(MM)	1.6-4.0	1.6-4.0	1.6-4.0
Efficiency(%)	80	80	80
Insulation Class	F	F	F
Real Current(A)	160	180	200
Machine Dimensions(MM)	302*157*275		
Weight(KG)	5.6	5.7	5.8



- 2 layers
- IGBT chip
- With shunt
- Full bridge
- MMA / LIFT TIG
- VRD ON / OFF switch
- ARC Force adjustable knob
- Hot Start / Anti-stick built-in
- Wired remote control welcome
- Cellulose electrode welcome: E6010 / 6011

Model	ARCPro-200S	ARCPro-250S
Rated Input Voltage(V)	1P 220V	1P 220V
Rated Input Current(A)	43	53
Input Capacity(KVA)	9.5	11.7
Inverter Frequency(KHZ)	30	30
No-Load Voltage(V)	98	81
Duty Cycle(%)	30	45
Adjustable Current Range(A)	40-200	40-250
Real Output Current(A)	200	250
Electrode Diameter(MM)	1.6-4.0	1.6-5.0
Efficiency(%)	80	80
Insulation Class	F	F
Machine Dimensions(MM)	325*175*315	
Weight(KG)	7.9	9.2

ARC (2Layers)



- MMA
- 2 layers
- IGBT chip
- Full bridge
- Wide Voltage: 1 / 2PH 160-420V
- Hot Start / Anti-stick / ARC Force built-in

Model	ARC-258K		ARC-318K		ARC-418K	
Input Power Source	1P 220V	2P 380V	1P 220V	2P 380V	1P 220V	2P 380V
Frequency(Hz)	50/60					
Max Input Current(A)	32	24	37	28	42	32
Rated Input Capacity(KVA)	7.1	9.2	8.2	10.6	9.3	12
No-Load Voltage(V)	74	64	74	64	74	64
Adjustable Current Range(A)	30-258		30-318		30-418	
Real Output Current(A)	160		190		220	
Duty Cycle(%)	40					
Efficiency(%)	85					
Electrode Diameter(MM)	2.5-4.0		2.5-4.0		2.5-5.0	
Machine Dimensions(MM)	302*157*275		302*157*275		302*157*275	
Weight(KG)	5.25		5.95		6	



- MMA
- 2 layers
- Full bridge
- IGBT chip
- ARC Force adjustable knob
- Hot Start / Anti-stick built-in
- Wide Voltage: 1PH 160-420V

Model	ARC-250K		ARC-315K		ARC-350K		ARC-400K	
Rated Input Voltage(V)	1P 220V	2P 380V	1P 220V	2P 380V	1P 220V	2P 380V	1P 220V	2P 380V
Frequency(Hz)	50/60							
Input Capacity(KVA)	6.6	8.8	7.7	10.8	8.8	12.9	8.8	14.4
Output Power(KW)	4.2	4.6	4.9	5.6	5.6	6.7	5.6	7.5
No-Load Voltage(V)	90	85	90	75	90	75	90	75
Adjustable Current Range(A)	30-250		30-315		30-350		30-400	
Real Output Current(A)	160	170	180	200	200	230	200	250
Rated Working Voltage(V)	26.4	26.8	27.2	28	28	29.2	28	30
Electrode Diameter(MM)	1.6-4.0		1.6-5.0		1.6-5.0		1.6-5.0	
Duty Cycle(%)	60							
Efficiency(%)	80							
Weight(KG)	5.8		9.1		10		10.8	
Machine Dimensions(MM)	325*175*315		410*205*370				405*215*390	

PULSE MMA/ MMA/ LIFT TIG 3 IN 1



PULSE MMA/ MMA/ LIFT TIG

- 2 layers
- Full bridge
- IGBT chip
- ON-Demand Fan
- Anti-stick built-in, $\leq 1.5s$
- Remote control welcome
- Digital set adjustment of VRD / Hot Start / ARC Force
- Vertical welding / thin metal welding performance excellent

Model	ARCMaster-200Pulse	ARCMaster-250Pulse	ARCMaster-300Pulse
Rated Input Voltage(V)	220V	220V	380V
Inverter Frequency(KHz)	28	28	20
No-Load Voltage(V)	80	80	70
Duty Cycle(%)	50	60	60
Current Range(A)	10-200	10-250	10-300
Recommend Electrode Diameter (MM)	3.2	4	5
Efficiency(%)	85		
Insulation Class	F		
Real Current(A)	200	250	300



ARC (1/2/3P 220/380V)

- MMA
- 2 layers
- Full bridge
- IGBT chip
- ARC Force adjustable knob
- Hot Start / Anti-stick built-in
- Full Voltage: 1PH 220V ; 2PH 380V ; 3PH 220V ; 3PH 380V

Model	ARC-400Q			ARC-500Q		
Rated Input Voltage(V)	1P 220V	2P 380V	3P 380V	1P 220V	2P 380V	3P 380V
Frequency(KHZ)	50/60					
Input Capacity(KVA)	7.7	14.4	14.5	8.8	17.6	12.7
Output Power(KW)	4.9	7.5	7.5	5.6	9.2	9.2
No-Load Voltage(V)	90	85	85	90	75	75
Adjustable Current Range(A)	30-400			30-500		
Real Output Current(A)	180	250		200	290	
Rated Working Voltage(V)	27.2	30		28	31.6	
Electrode Diameter(MM)	1.6-4.0	1.6-5.0		1.6-5.0		
Duty Cycle(%)				60		
Efficiency(%)				80		
Weight(KG)	12			15.5		
Machine Dimensions(MM)	405*215*390			470*235*435		

ARC (3P 380V)



ARC (3P 380V)

- MMA
- 2 layers
- IGBT chip
- Full bridge
- ARC Force adjustable knob
- Hot Start / Anti-stick built-in
- Option: Generator welcome

Model	ARC-400T	ARC-500T
Rated Input Voltage(V)	3P 380V	3P 380V
Frequency(Hz)	50/60	
Input Capacity(KVA)	10.4	12.7
Output Power(KW)	7.5	9.2
No-Load Voltage(V)	66	68
Adjustable Current Range(A)	30-400	30-500
Real Output Current(A)	250	290
Electrode Diameter(MM)	5	6
Rated Working Voltage(V)	30	31.6
Duty Cycle(%)	60	60
Efficiency(%)	80	80
Weight(KG)	10.35	14.7
Machine Dimensions(MM)	420*220*410	510*245*450



ARC (INDUSTRY)

- MMA
- 2 layers
- Full bridge
- IGBT module
- Anti-stick built-in
- Option: Generator welcome
- Hot Start / ARC Force adjustable knob

Model	ARC-260	ARC-290	ARC-330	ARC-400
Rated Input Voltage(V)	3P 380V	3P 380V	3P 380V	3P 380V
Rated Input Current(A)	17.5	19.3	23	30
Input Capacity(KVA)	11.6	12.7	15.2	20
Inverter Frequency(KHz)	20	20	20	20
No-Load Voltage(V)	68	68	68	70
Duty Cycle(%)	40	40	40	40
Adjustable Current Range(A)	40-260	40-285	40-330	40-400
Real Output Current(A)	260	285	330	400
Electrode Diameter(MM)	≤4.0	≤4.0	≤5.0	≤5.0
Efficiency(%)	80	80	80	80
Insulation Class	F	F	F	F
Machine Dimensions(MM)	405*215*390	470*235*435	515*265*475	515*265*475
Weight(KG)	12.3	14.5	18.4	20



- MMA
- 2 layers
- Full bridge
- IGBT module
- Anti-stick built-in
- Option: Generator welcome
- Hot Start / ARC Force adjustable knob

Model	ARC-420	ARC-500	ARC-630	ARC-1000	ARC-1250
Rated Input Voltage(V)	3P 380V	3P 380V	3P 380V	3P 380V	3P 380V
Rated Input Current(A)	32.6	42.2	58.5	92.8	116
Input Capacity(KVA)	21.5	27.8	38.5	61	76.4
Inverter Frequency(KHz)	20	20	20	20	20
No-Load Voltage(V)	70	72	82	78	82
Duty Cycle(%)	40	40	60	60	60
Adjustable Current Range(A)	40-420	40-500	40-630	40-1000	40-1250
Real Output Current(A)	420	500	630	1000	1250
Electrode Diameter(MM)	≤5.0	≤6.0	4.0-8.0	4.0-12.0	4.0-16.0
Efficiency(%)	80	80	80	80	80
Insulation Class	F	F	F	F	F
Machine Dimensions(MM)	550*285*530	550*285*530	515*265*475	680*355*960	680*355*960
Weight(KG)	22.5	26	37	69	85



MIG (DIY)

- Synergic
- 1KG wire can built-in
- GASLESS / MMA / LIFT TIG 3 IN 1

MODEL		FLUX-120
Rated Input Voltage(V)		1P 220V
Inverter Frequency(KHz)		40
Input Current(A)		25
Rated Input Capacity(KVA)		4.9
No-Load Voltage(V)		62
Duty Cycle(%)		30
Adjustment Current Range(A)	MIG	35-120
	MMA	20-120
	LIFT TIG	15-120
Real Current(A)	MIG	35-120
	MMA	20-120
	TIG	15-120
Adjustment Voltage Range(V)		11-16
Wire Diameter(MM)		0.8/0.9/1.0
Spool Size(KG)		1
Efficiency(%)		85
Insulation Class		F
Weight(KG)		3.8
Machine Dimensions(MM)		340*145*195

MIG (LCD)



MIG (LCD)

- Inverter IGBT
- Synergic LCD display
- 1 / 5KG wire spool accepted
- GAS MIG / FLUX / MMA / LIFT TIG 4 in 1
- Digital set adjustment of 2T / 4T / VRD / Inductance

MODEL		MIG-120LCD	MIG-140LCD	MIG-160LCD	MIG-200LCD
Rated Input Voltage(V)		1P 220V	1P 220V	1P 220V	1P 220V
Inverter Frequency(KHz)		40	40	40	40
Input Current(A)		27	30	36	47
Rated Input Capacity(KVA)		5.3	5.9	7.9	9.3
No-Load Voltage(V)		62	62	62	65
Duty Cycle(%)		30	30	30	30
Adjustment Current Range(A)	MIG	35-120	40-140	40-160	40-200
	MMA	20-120	20-130	20-160	20-200
	TIG	15-120	15-140	15-160	15-200
Real Current(A)	MIG	35-120	40-140	40-160	40-200
	MMA	20-120	20-130	20-160	20-200
	TIG	15-120	15-140	15-160	15-200
Adjustment Voltage Range(V)		15.75-20	16-21	16-22	16-24
Wire Diameter(MM)		0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
Spool Size (KG)		1		1/5	
Efficiency(%)		85	85	85	85
Insulation Class		F	F	F	F
Weight(KG)		4	6.5	9.6	10
Machine Dimensions(MM)		340*145*195	421*182*290	470*210*340	470*210*340



- Inverter IGBT
- Can weld 0.6mm metal
- 1 / 5KG wire spool accepted
- Synergic LCD display
- GAS MIG / FLUX / MMA / LIFT TIG 4 in 1
- Digital set adjustment of 2T / 4T / VRD / Inductance

MODEL	MIGPro-181	MIGPro-201	MIGPro-221	MIGPro-251
Rated Input Voltage(V)	1P 220V	1P 220V	1P 220V	1P 220V
Inverter Frequency(KHz)	30	30	30	30
Input Current(A)	31	35	41	46
Rated Input Capacity(KVA)	6.8	7.6	9	10.1
No-Load Voltage(V)	65	65	68	69
Duty Cycle(%)	30	30	30	30
Adjustment Current Range(A)	30-180	30-200	30-220	30-250
Real Current(A)	180	200	220	250
Adjustment Voltage Range(V)	12-24	12-26	12-28	12-30
Wire Diameter(MM)	0.8/0.9/1.0	0.8/0.9/1.0	0.8/0.9/1.0	0.8/0.9/1.0
Spool Size(KG)	1/5	1/5	5/15	5/15
Efficiency(%)	80	80	80	80
Insulation Class	F	F	F	F
Weight(KG)	9.9	10	15	15.6
Machine Dimensions(MM)	430*215*355	430*215*355	500*250*407	500*250*407

MIG (3 IN 1)



MIG (3 IN 1)

- MIG / CUT / MMA / LIFT TIG 4 IN 1
- Quality cut 8mm, max cut 12mm

MODEL		MC-160
Rated Input Voltage		1P 220V
Inverter Frequency(KHz)		50/60
Input Current(A)		36
Rated Input Capacity(KVA)		7.9
No-Load Voltage(V)	MIG/MMA/LIFT TIG	58
	CUT	250
Duty Cycle(%)		30
Adjustment Current Range(A)	MIG	40-160
	MMA	20-160
	TIG	15-160
	CUT	20-40
Real Current(A)	MIG	40-160
	MMA	20-160
	TIG	15-160
	CUT	20-40
Adjustment Voltage Range(V)		16-22
Wire Diameter(MM)		0.8-1.0
Spool Size(KG)		1/5
Efficiency(%)		85
Insulation Class		F
Weight(KG)		11
Machine Dimensions(MM)		420*255*330



MIG (4 IN 1)

- TIG / MIG / CUT / MMA 4 IN 1
- Quality cut 8mm, max cut 12mm

MODEL		TMC-200
Rated Input Voltage		1P 220V
Inverter Frequency(KHz)		10
Input Current(A)		46
Rated Input Capacity(KVA)		9.1
No-Load Voltage(V)	MIG/MMA/TIG	58
	CUT	250
Duty Cycle(%)		30
Adjustment Current Range(A)	MIG	40-180
	MMA	20-180
	TIG	15-180
	CUT	20-40
Adjustment Voltage Range(V)		16-22
Wire Diameter(MM)		0.8/0.9/1.0
Spool Size(KG)		1/5
Efficiency(%)		85
Insulation Class		F
Real Current(A)	MIG	40-200
	MMA	20-200
	TIG	15-200
	CUT	20-40
Weight(KG)		10
Machine Dimensions(MM)		470*195*360

MIG (BUILT IN)



MIG (BUILT IN)

- 2 layers
- Slow-feeding
- Burn-back function
- Synergic LED display
- IGBT inverter technology
- D200 / D300mm(5 / 15KG) wire can built-in
- GAS MIG / GASLESS / MMA / LIFT TIG 4 in 1
- Digital set adjustment of 2T / 4T / VRD / Inductance

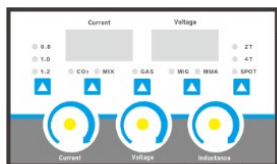
MODEL	MIGPro-225	MIGPro-255	MIGPro-285
Rated Input Voltage(V)	1P 220V	1P 220V	3P 380V
Inverter Frequency(KHz)	30	30	28
Input Current(A)	35	41	14
Rated Input Capacity(KVA)	9	10.1	10.4
No-Load Voltage(V)	58	58	64
Duty Cycle(%)	60	60	60
Adjustment Current Range(A)	30-220	30-250	30-250
Real Current(A)	200	250	250
Adjustment Voltage Range(V)	12-28	12-30	12-30
Wire Feeder		Build-in	
Wire Diameter(MM)	0.8-1.0	0.8-1.0	0.8-1.0
Spool Size(KG)		5/15	
Efficiency(%)	80	80	80
Insulation Class	F	F	F
Machine Dimensions(MM)	485*275*465	485*275*465	485*275*465
Weight(KG)	19	19	19



- 2 layers
- Slow-feeding
- Burn-back function
- Synergic LED display
- IGBT inverter technology
- D200 / D300mm(5 / 15KG) wire can built-in
- GAS MIG / GASLESS / MMA / LIFT TIG 4 in 1
- Digital set adjustment of 2T / 4T / Inductance
- Multi Voltage: 1 / 2 / 3P 220 / 380V.Phase lose protection

MODEL	MIG-270KB			MIG-315KB			MIG-350KB		
Rated Input Voltage(V)	1P 220V	3P 220V	3P 380V	1P 220V	3P 220V	3P 380V	1P 220V	3P 220V	3P 380V
Inverter Frequency(KHz)	25			25			25		
Input Current(A)	27	14	16	32	16	20	39	20	23
Rated Input Capacity(KVA)	11.6			14.6			17.2		
No-Load Voltage(V)	54			56			62		
Duty Cycle(%)	60			60			60		
Adjustment Current Range(A)	40-170		40-250	40-190		40-315	40-220		40-350
Real Current(A)	170		250	190		315	220		350
Adjustment Voltage Range(V)	23		27.5	23.5		29.8	25		31.5
Wire Feeder	Build-in								
Wire Diameter(MM)	0.8-1.0			0.8-1.0			0.8-1.2		
Spool Size(KG)	5/15								
Efficiency(%)	80			80			80		
Insulation Class	F			F			F		
Machine Dimensions(MM)	485*275*465			470*230*460			470*230*460		
Weight(KG)	18			21			23		

MIG (1/3P 220/380V)



MIG (1/3P 220/380V)

- MIG / MMA 2 IN 1
- Extension wire can be to 50MM
- Full Voltage: 1P 220V; 1PH 380V; 3PH 220V; 3PH 380V
- Capable of loading up to 20KG spool wire feeder separated

MODEL	MIG-270K			MIG-315K			MIG-350K		
Rated Input Voltage(V)	1P 220V	3P 220V	3P 380V	1P 220V	3P 220V	3P 380V	1P 220V	3P 220V	3P 380V
Inverting Frequency(KHz)	25			25			25		
Input Current(A)	27	14	16	32	16	20	39	20	23
Rated Input Capacity(KVA)	11.6			14.6			17.2		
No-Load Voltage(V)	54			56			62		
Duty Cycle(%)	60			60			60		
Adjustment Current Range(A)	40-170		40-250	40-190		40-315	40-220		40-350
Real Current(A)	170		250	190		315	220		350
Adjustment Voltage Range(V)	23		27.5	23.5		29.8	25		31.5
Wire Feeder	Separated Type								
Spool Size(KG)	15								
Wire Diameter(MM)	0.8-1.0			0.8-1.0			0.8-1.2		
Efficiency(%)	80			80			80		
Insulation Class	F			F			F		
Machine Dimensions(MM)	470*230*460			470*230*460			515*275*470		
Weight(KG)	18			20			22		



MIG (SPOOL GUN)

- Trolley
- 2 layers
- D200 / D300MM (5 / 15KG) wire can built-in
- Spool gun / GAS MIG / GASLESS / MMA 4 in 1
- Full Voltage: 1P 220V; 1PH 380V; 3PH 220V; 3PH 380V

MODEL	MIG-270KT			MIG-350KT		
	1P 220V	3P 220V	3P 380V	1P 220V	3P 220V	3P 380V
Rated Input Voltage(V)	220V	220V	380V	220V	220V	380V
Frequency(Hz)	50/60			50/60		
Input Current(A)	27	14	16	39	20	23
Rated Input Capacity(KVA)	5.3		10.3	7.6		15.3
No-Load Voltage(V)	54			62		
Duty Cycle(%)	60			60		
Adjustment Current Range(A)	40-170		40-250	40-220		40-350
Real Current(A)	170		250	220		350
Adjustment Voltage Range(V)	23		27.5	25		31.5
Wire Feeder	Build-in					
Wire Diameter(MM)	0.8-1.0			0.8-1.0		0.8-1.2
Spool Size(KG)	5 / 15					
Efficiency(%)	80			80		
Insulation Class	F			F		
Machine Dimensions(MM)	550*250*520			550*280*520		
Weight(KG)	30			32		



MIG (HEAVY INDUSTRY)

- MIG / MMA
- IGBT module
- Water cooler, trolley optional
- Closed type 4 rolls wire feeder is available

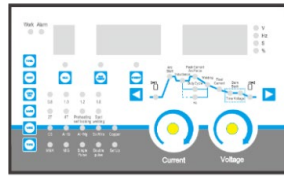
MODEL	MIG-350A	MIG-400A	MIG-500A	MIG-500G
Rated Input Voltage	3P 380V	3P 380V	3P 380V	3P 380V
Frequency(KHz)	50/60	50/60	50/60	50/60
Input Current(A)	23.3	28.7	41.2	41.2
Rated Input Capacity(KVA)	15.3	18.9	27.1	27.1
No-Load Voltage(V)	68	68	72	72
Duty Cycle(%)	60	100	60	70
Adjustment Current Range(A)	40-350	40-400	40-500	40-500
Adjustment Voltage Range(V)	14-40	14-40	14-50	14-50
Wire Feeder	Separated Type			
Wire Diameter(MM)	0.8/1.0/1.2	0.8/1.0/1.2	1.0/1.2/1.6	1.0/1.2/1.6
Spool Size(KG)	15			
Real Current(A)	350	400	500	500
Protection Classification	IP21S	IP21S	IP21S	IP21S
Weight(KG)	24	29	39.15	37
Machine Dimensions(MM)	560*305*530	560*305*530	620*390*330	650*335*575



- MIG / MMA
- IGBT module
- Water cooler, trolley optional
- Closed type 4 rolls wire feeder is available

MODEL	MIG-500Z	MIG-630	MIG-1000
Rated Input Voltage	3P 380V	3P 380V	3P 380V
Frequency(KHz)	50/60	50/60	50/60
Input Current(A)	41.2	60.5	105.5
Rated Input Capacity(KVA)	27.1	40	69.4
No-Load Voltage(V)	72	78	72
Duty Cycle(%)	80	60	60
Adjustment Current Range(A)	40-500	40-630	40-1000
Adjustment Voltage Range(V)	14-50	14-50	14-50
Wire Feeder	Separated Type		
Wire Diameter(MM)	1.0/1.2/1.6	1.0/1.2/1.6	1.6/2.0/2.8
Spool Size(KG)	15		
Real Current(A)	500	630	1000
Protection Classification	IP21S	IP21S	IP21S
Weight(KG)	39.5	45	85
Machine Dimensions(MM)	650*335*575	650*310*600	685*360*965

MIG (DOUBLE PULSE)



MIG (DOUBLE PULSE)

- IGBT module
- IGBT inverter technology
- Water cooler, trolley optional
- SINGLE PULSE / DOUBLE PULSE / MMA / TIG LIFT
- Closed type 4 rolls wire feeder is available. (D300MM)

MODEL	MIG-250DP	MIG-280DP	MIG-350DP	MIG-500DP
Rated Input Voltage	3P 380V	3P 380V	3P 380V	3P 380V
Frequency(KHz)	50/60	50/60	50/60	50/60
Input Current(A)	47	16.5	24	42
Rated Input Capacity(KVA)	10.4	11	16	28
No-Load Voltage(V)	65	68	68	68
Duty Cycle(%)	60	80	100	100
Adjustment Current Range(A)	20-250	40-280	40-350	40-500
Adjustment Voltage Range(V)	9-32	14-35	14-40	14-50
Wire Diameter(MM)	0.8-1.2	0.8-1.2	0.8-1.2	1.0-1.6
Spool Size(KG)				15
Efficiency(%)				0.8
Insulation Class				F
Real Current(A)	250A	280	350	500
Machine Dimensions(MM)	500*250*407	820*495*760	1150*635*1575	1150*635*1575
Weight(KG)	15	45	103	103



- Large LCD display
- Programme saving
- 2T / 4T / SPOT mode
- 4 roller feed mechanism (mains)
- Wire D200 (5KG) and D300 (15KG)
- Synergy prompts for metal thickness
- Intelligent cooling (fan switches off at idle speed)
- Selection of material, gas and wire diameter: carbon steel: 0.8 / 0.9 / 1.0
Stainless steel: 0.8 / 1.0; AlMg: 0.8 / 0.9 / 1.0 / 1.2; AIS: 1.0 / 1.2
- Both amperage and feed rate can be seen on the display at the same time
- Platform on wheels for easy moving and installation of cylinder rated 10 litres
- MIG MANUAL / MIG SYNERGY / SINGLE PULSE / DOUBLE PULSE / MMA / TIG LIFT

MODEL	MIG-300DP			
Rated Input Voltage(V)	1 P 220V	3 P 220V	3 P 380V	3 P 440 V
Inverter Frequency(Hz)	50/60			
Input Current(A)	60			17
Rated Input Capacity(KVA)	13.3			11.2
No-Load Voltage(V)	71			81
Duty Cycle(*)	75			
Adjustment Current Range(A)	40 - 300			
Real Current(A)	40 - 300			
Wire Diameter(MM)	0.8/1.0/1.2			
Spool Size(KG)	5/15			
Efficiency(%)	80			
Insulation Class	F			
Machine Dimensions(MM)	1020*460*740			
Weight(KG)	38			

MIG (DOUBLE PULSE)



- Synergic LCD display
- IGBT inverter technology
- Option: D200 / D300MM
- Single Pulse / Double Pulse / MMA / LIFT TIG

MODEL	MIG-200DP
Rated Input Voltage(V)	1P 220V
Frequency(KHz)	50/60
Input Current(A)	45
Rated Input Capacity(KVA)	10
No-Load Voltage(V)	70
Duty Cycle(%)	35
Adjustment Current Range(A)	30-200
Wire Diameter(MM)	0.8-1.0
Spool Size(MM)	D200 / D300
Efficiency(%)	80
Insulation Class	F
Real Current(A)	200
Machine Dimensions(MM)	500*250*400(D300MM)
Weight(KG)	13(D300MM)

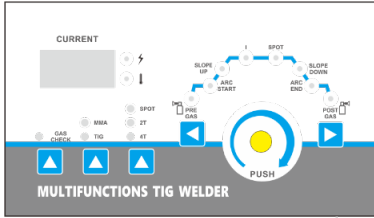


MIG (SINGLE PULSE)

- IGBT inverter technology
- Synergic LCD display
- Wire D100 (1KG) / D200 (5KG)
- Spool Gun / Single Pulse / MMA / LIFT TIG

MODEL	MIG-200P
Rated Input Voltage(V)	220V
Frequency(KHz)	50
Input Current(A)	34
Rated Input Capacity(KVA)	7.4
No-Load Voltage(V)	62
Duty Cycle(%)	25
Adjustment Current Range(A)	40-200
Wire Diameter(MM)	0.6-1.2
Spool Size(KG)	5
Efficiency(%)	85
Insulation Class	F
Real Current(A)	200
Machine Dimensions(MM)	460*210*350
Weight(KG)	10

TIG (DC HF)



TIG (DC HF)

- TIG / MMA
- Inverter IGBT
- Full bridge
- 2 layers
- Stable ARC without spatter and good shaping
- Suitable for welding materials such as steel, stainless steel, titanium, copper, nickel and their alloys
- Applicable in vessel, bike, decoration, outdoor advertising, etc

MODEL	TIG-170	TIG-200	TIG-250	TIG-315	
Rated Input Voltage(VAC)	1P 220V	1/2PH 220/380V	3P 380V		
Input Frequency(Hz)	50/60				
Max Input Current(A)	21	35	15	21	
Rated Input Power(KVA)	7.8	11.1	7.1	8.5	
No-Load Voltage(V)	58	52	52	55	
Real Output Current(A)	TIG	170	200	250	290
	MMA	170	200	225	260
Adjustable Current Range(A)	TIG	15-170	15-200	20-250	20-315
	MMA	15-170	15-200	20-250	20-315
Duty Cycle(%)	60				
Weight(KG)	7.8	10.2	12.5	15.8	
Machine Dimensions(MM)	340*190*330	390*200*320	430*230*375	485*245*420	



TIG (COLD/PULSE/CLEAN)

- COLD TIG / PULSE TIG / MMA / LIFT TIG 4 IN 1
- Up / Down slope time is selectable
- Pre / Post flow time is selectable
- Possibility of welding with 2T / 4T mode
- Unique spot time / pulse time function selectable
- Optional:
 - Foot pedal function(control amper up / down)
 - TIG clean function
 - TFT display
- Application industry:
 - Stainless steel processing, petrochemical industry, pressure vessels, electric power construction, bicycle nuclear power, pipeline installation, etc

TIG (COLD/PULSE/CLEAN)

MODEL		TIGMaster-170COLD	TIGMaster-200COLD	TIGMaster-220COLD	TIGMaster-250COLD	TIGMaster-315COLD
Rated Input Voltage(VAC)		1P 220V	1P 220V	1P 220V	1P 220V	3P 380V
Input Frequency(Hz)		50/60				
Max Input Current(A)		25	32	34	55	15
Rated Input Power(KVA)		7	8	8.4	13.8	9.8
No-Load Voltage(V)		60	70	70	70	65
Real Output Current(A)(MMA/TIG)		150/170	180/200	210/210	230/250	300/310
Duty Cycle(%)		40		60		
Gas Regulation	Pre -Gas(S)	Built-in	0.1-5	0.1-5	0.1-5	0.1-5
	Post-Gas(S)	0-2-5	0.1-10	0.1-10	0.1-10	0.1-10
Current	Start(A)	5-Welding Current				
	Stop(A)	5-Welding Current				
	Slope Up(S)	OFF-10S				
	Slope Down(S)	OFF-10S				
Pulse	Frequency (Hz)	100	100	500	500	500
	Balance(%)	10-90				
Cold Welding Time(MS)		1-990				
Cold Spot Time(MS)		400-990				
Weight(KG)		6.8	7.6	7.77	9.5	13.26
Machine Dimensions(MM)		375*150 *330	380*185 *315	380*185 *315	380*185 *315	450*235 *385



TIG (DC PULSE)

- LCD display
- PULSE TIG / MMA 2 IN 1
- Up / Down slope time is selectable
- Pre / Post flow time is selectable
- Possibility of welding with 2T / 4T mode
- Unique spot time / pulse time function selectable

MODEL		TIG-205P
Rated Input Voltage(VAC)		1P 220V
Input Frequency(Hz)		50/60
Max Input Current(A)		32
Rated Input Power(KVA)		7.1
No-Load Voltage(V)		65
Real Output Current(A)	TIG	180
	MMA	140
Adjustable Current Range(A)	TIG	10-200
	MMA	10-160
Duty Cycle(%)		30
Gas Pre-flow Time(S)		0-2
Gas Post-flow Time(S)		0-20
ARC Initiatio Current(A)		10-160
Ramp Up Time(S)		0-10
Pulse Frequency(%)		10-90
Spot Welding Time(S)		0.2-5
Ramp Down Time(S)		0-10
Crater Filler Current(A)		10-200
Weight(KG)		5.7
Machine Dimensions(MM)		365*185*275

TIG (DC PULSE)



- Save / Load
- TIG ACDC / MMA
- 2T / 4T / S.4T / Spot Selection
- Pre gas / Hot ARC / ARC Start / Slope up / Welding current / Pulse frequency / Spot welding time / AC balance / AC amplitude / AC frequency / Slope down / End ARC / Gas delay / Adjustable

MODEL		TIG-315P	TIG-400P	TIG-500P	TIG-630P
Rated Input Voltage(VAC)		3P 380V			
Input Frequency(Hz)		50/60			
Max Input Current(A)		15	22	31.7	46.8
Rated Input Power(KVA)		9.9	13.9	20	27.8
No-Load Voltage(V)		68	70	78	82
Real Output Current(A)	TIG	315	400	500	630
	MMA	315	400	500	630
Adjustable Current Range(A)	TIG	10-315	10-400	10-500	10-630
	MMA	10-315	10-400	10-500	10-630
Duty Cycle(%)		60			
Gas pre-flow time(S)		0.01-5			
Gas post-flow time(S)		0.01-60			
ARC Initiation current(A)		20-40			
Ramp up time(S)		0.01-10			
Pulse Frequency(%)		1-90			
Basic value time(S)		0.01-10			
Ramp down time(S)		0.01-10			
Crater filler current(A)		20-100			
Weight(KG)		27.4	28.5	38.5	39
Machine Dimensions(MM)		515*275*470	560*305*530	650*335*575	650*335*575



TIG (AC/DC)

- LCD display
- Full-featured TIG parameters
- Support 2T / 4T / spot welding
- Overcurrent and overheat protection

Model		TIG-205P ACDC
Rated Input Voltage(VAC)		1P 220V
Input Frequency(Hz)		50/60
Max Input Current(A)		37
Rated Input Power(KVA)		9.2
No-Load Voltage(V)		56
Real Output Current(A)	TIG	200
	MMA	180
Adjustable Current Range(A)	TIG	10-205
	MMA	20-180
Duty Cycle(%)		40
Gas Regulation	Pre -Gas(S)	0.1-5
	Post-Gas(S)	0.5-15
Current	Start	10%-100%
	Stop	10%-100%
	Slope Up(S)	0-10
	Slope Down(S)	0-15
Pulse	Frequency(Hz)	0.2-200
	Balance(%)	0.2-9.9Hz 1%-99% 10-200Hz 10%-90%
Cold Welding Time(MS)		0.1-10
Weight(KG)		9
Machine Dimensions(MM)		450*195*350

TIG (AC/DC PULSE)



- Inverter IGBT
- HF stabilizing technology
- Multiple-AC waveforms
- Water cooled option available
- Full-featured pulse TIG parameters
- Overcurrent and overheat protection
- Key power electronic component protection
- Stable ARC with less spatter and good shaping
- Digital control technology enhances performance
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Excellent performance with Pulse TIG, especially for thin material welding

Model	TIG-225P ACDC	TIG-255P ACDC	TIG-300P ACDC	TIG-315P ACDC	TIG-350P ACDC	TIG-400P ACDC	TIG-500P ACDC	TIG-630P ACDC
Rated Input Voltage(VAC)	1P 220			3P 380				
Rated Input Power(KVA)	6.2	11.2	8.2	11.2	15.8	17	25	28.3
No-Load Voltage(V)	67	67	74	69	69	81	78	82
Max Rated Output(A/V)	200/18	250/20	280/21.2	315/22.6	350/24	400/26	500/30	630/34
Adjustable Current Range(A)(TIG)	10-200	10-250	10-280	10-315	10-350	10-400	10-500	10-630
Real Output Current(A) (TIG/MMA)	200/190	250/240	280/260	315/300	350/330	400/400	500/500	630/630
ARC Start Mode	HF, untouch							
Output Characteristics	Constant-current characteristic							
Enclosure Protection Class	IP21S							
Duty Cycle(%)	40	40	50	50	50	100	100	100
Efficiency(%)	80							
Insulation Class(%)	F							
Gas Regulation	Pre - Gas(S)	0.1-10						
	Post- Gas(S)	0-10						
Current	Start(A)	DC:5-400/AC:20-400						
	Stop(A)	DC:5-400/AC:20-400						
	Slope Up(S)	0.1-10						
	Slope Down(S)	0-10						
Pulse	Frequen cy(Hz)	500						
	Balance (%)	20-70						
AC Frequency(Hz)	200							
Power Factor	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Weight(KG)	13.75	18.3	19.9	29	34.6	46.5	72	78
Machine Dimensions(MM)	375*425* 225	475*235 *410	475*235 *410	510*265 *470	585*295 *530	645*330 *615	630*355 *865	630*355 *865

PLASMA CUTTER (ECONOMIC)



PLASMA CUTTER (ECONOMIC)

- HF Plasma CUT
- High Duty Cycle: 40%
- Post Gas Time Option: 10 / 80S

MODEL	CUT-50	CUT-60
Rated Input Voltage(V)	1P 220V	1P 220V
Rated Input Power(KVA)	4.5	5.8
Max Input Current(A)	31	40
Real Output Current(A)	40	50
Duty Cycle(%)	40	40
No-Load Voltage(V)	280	280
Adjustable Current Range(A)	20-50	20-60
Real Output Current(A)	40	50
ARC Ignition Mode	HF, touch	HF,pilot ARC
Quality manual Cutting Thickness(MM)	10	12
MAX Manual Cutting Thickness(MM)	18	20
Weight(KG)	5.6	7
Machine Dimensions(MM)	410*160*295	410*160*295

**CUT (AIR BUILT IN)**

- 2T / 4T function
- MMA / CUT 2 IN 1
- Air compressor built-in
- Widely used in cutting carbon steel, stainless steel, copper, cast iron and aluminum, etc
- Equipped with over-heat / over-current as well as insufficient compressor air pressure protection
- Built-in pre / post-flow functions to protect torch electrode and nozzle

CUT (AIR BUILT IN)

MODEL		CUT-50AIR	CUT-60AIR	CUT-70AIR	CUT-80D	CUT-80AIR
Plasma	Rated Input Voltage(V)	1P 220V	1P/2P 220/380V			
	Rated Input Power(KVA)	7.9	7.8	8.8	9.8	10.8
	Real Output Current(A)	40	50	55	60	65
	Rated Output Voltage(V)	100	100	102	104	106
	Duty Cycle(%)	40	60	60	60	60
	No-Load Voltage(V)	380	320	320	290	330
	Adjustable Current (A)	20-40	25-60	25-70	25-80	25-80
MMA	Rated Input Power(KVA)	6.6	6.6	7.7	/	8.8
	Adjustable Current (A)	30-160	30-160	30-180	/	30-200
	No-Load Voltage(V)	65	66	66	/	66
Quality Manual Cutting (MM)	10/carbon steel	12/carbon steel	15/carbon steel	18/carbon steel	20/carbon steel	
Max Manual Cutting Thickness(MM)	15/carbon steel	15/carbon steel	20/carbon steel	22/carbon steel	25/carbon steel	
Cooling Mode	Air					
Protection Class	IP21S					
Insulation Class	F					
Machine Dimensions(MM)	410*230*290	430*230*360	490*240*420	540*320*500	600*360*550	
Weight (KG)	13.5	21	27	29	35.6	



- Convenient and simple operation panel, 2T / 4T function
- Built-in pre / post-flow functions to protect torch electrode and nozzle
- Equipped with over-heat / over- current as well as insufficient compress or air pressure protection

MODEL		CUT-100AIR-S	CUT-130AIR	CUT-160AIR
Plasma	Rated Input Voltage(V)	1P/2P 200/380V	3P 380V	
	Rated Input Power(KVA)	14	17.8	23.8
	Real Output Current(A)	80	105	130
	Rated Output Voltage(V)	114	122	132
	Duty Cycle(%)	60	60	60
	No-Load Voltage(V)	330	340	340
MMA	Adjustable Current Range(A)	25-100	25-130	25-160
	Rated Input Power(KVA)	9.9	10.4	16.5
	Adjustable Current Range(A)	30-220	30-250	30-350
	No-Load Voltage(V)	66	66	66
	Quality Manual Cutting Thickness(MM)	25/carbon steel	30/carbon steel	35/carbon steel
	Max Manual Cutting Thickness(MM)	30/carbon steel	35/carbon steel	40/carbon steel
	Cooling Mode		Air	
	Protection Class		IP21S	
	Insulation Class		F	
	Machine Dimensions(MM)	600*360*550	600*360*550	640*385*630
	Weight (KG)	36.5	39.5	54.8

CUT (THREE PHASE)



CUT (THREE PHASE)

- Inverter IGBT
- HF is available for easy ARC ignition
- Pilot ARC Start increases cutting efficiency
- Widely used in cutting stainless steel, copper, cast iron and aluminum, etc
- Convenient and simple operation panel, 2T / 4T function
- Equipped with over-heat / over-current as well as insufficient compressor air pressure protection
- Built-in pre / post-flow functions to protect torch electrode and nozzle

MODEL	CUT-60S	CUT-80	CUT-100
Rated Input Voltage(VAC)	1/2/3P-220/380V	3P-380V	
Frequency(Hz)	50/60		
Rated Input Power(KVA)	9.8	12.4	16.7
Max Input Current(A)	44.3	18.9	25.3
Duty Cycle(%)	60		
No-Load Voltage(V)	278	301	308
Adjustable Current Range(A)	30-60	30-80	30-100
ARC Ignition Mode	HF, untouch		
Gas Pressure Range(Mpa)	0.3-0.5		
Quality Manual Cutting Thickness(MM)	7/stainless steel 15/carbon steel	10/stainless steel 20/carbon steel	15/stainless steel 25/carbon steel
Quality CNC Cutting Thickness(MM)	/		
Max Manual Cutting Thickness(MM)	22	30	35
Efficiency(%)	80	80	85
Weight(KG)	12	21	26
Machine Dimensions(MM)	470*230*460	505*245*445	535*265*490



CUT (CNC)

- CNC welcome
- Inverter IGBT
- HF is available for easy ARC ignition
- Pilot ARC Start increases cutting efficiency
- Convenient and simple operation panel, 2T / 4T function
- Built-in pre / post-flow functions to protect torch electrode and nozzle
- Widely used in cutting stainless steel, copper, cast iron and aluminum, etc
- Equipped with over-heat / over-current as well as insufficient compressor air pressure protection

CUT (CNC)

MODEL	CUT-120CNC	CUT-130CNC	CUT-160CNC
Rated Input Voltage(V)	3P 380V		
Rated Input Power(KVA)	21.3	23.8	32
Max Input Current(A)	32.4	36.2	48.6
Duty Cycle(%)	60		
No-Load Voltage(V)	309	320	320
Adjustable Current Range(A)	20-120	20-130	20-155
ARC Ignition Mode	HF, untouch		
Gas Pressure Range(Mpa)	0.3-0.5	0.4-0.5	0.45-0.55
Quality Manual Cutting Thickness(MM)	15/stainless steel 30/carbon steel	16/stainless steel 35/carbon steel	20/stainless steel 45/carbon steel
Quality CNC Cutting Thickness(MM)	5/stainless steel 10/carbon steel	10/stainless steel 16/carbon steel	16/stainless steel 20/carbon steel
Max Manual Cutting Thickness(MM)	40	50	55
Weight(KG)	32	47	49
Machine Dimensions(MM)	570*285*520	645*340*590	640*340*590

MODEL	CUT-200CNC	CUT-260CNC	CUT-300CNC	CUT-400CNC
Rated Input Voltage(V)	3P 380V			
Rated Input Power(KVA)	41.7	56.3	66.7	94.4
Max Input Current(A)	63.3	85.6	101.3	143.5
Duty Cycle(%)	60			
No-Load Voltage(V)	320	354	325	365
Adjustable Current Range(A)	20-200	20-260	20-300	20-400
ARC Ignition Mode	HF, untouch			
Gas Pressure Range(Mpa)	0.45-0.6			
Quality Manual Cutting Thickness(MM)	25/stainless steel 55/carbon steel	30/stainless steel 60/carbon steel	35/stainless steel 70/carbon steel	40/stainless steel 80/carbon steel
Quality CNC Cutting Thickness(MM)	20/stainless steel 25/carbon steel	18/stainless steel 30/carbon steel	25/stainles steel 32/carbon steel	25/stainles steel 40/carbon steel
Max Manual Cutting Thickness(MM)	70	80	90	100
Weight(KG)	95	89	105	118
Machine Dimensions(MM)	690*335*960	690*335*960	690*335*960	750*445*1040

CUT (NO HF)



CUT (NO HF)

- Pilot ARC
- On demand fan
- Mash cutting / Marking
- NO HF / HF both welcome
- CNC connection welcome
- Euro central connection welcome
- Overcurrent and over-heat protection
- Overvoltage and undervoltage protection

MODEL	CUTMaster-45	CUTMaster-65	CUTMaster-85	CUTMsater-105
Rated Input Voltage(V)	1PH 220V		1/2/3P 220/380V	
Rated Input Power(KVA)	4.9	7.3	11	14.5
Max Input Current(A)	34	15	20	28
Duty Cycle(%)	60	60	100	100
No-Load Voltage(V)	330	350	400	420
Adjustable Current Range(A)	10-45	10-65	20-85	20-105
ARC Ignition Mode	NO HF, untouch	NO HF, untouch	NO HF, untouch	NO HF, untouch
Gas Pressure Range(Mpa)	0.3-0.6	0.3-0.6	0.3-0.6	0.3-0.6
Quality Manual Cutting Thickness(MM)	12	20	30	45
MAX Manual Cutting Thickness(MM)	20	32	45	60
Weight(KG)	7.3	12	26.5	30.5
Machine Dimensions(MM)	407*160*280	600*230*460	600*230*460	670*325*605



MZ (ARC SUBEMERGE)

- 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

MZ (ARC SUBEMERGE)

MODEL	MZ-800	MZ-1000	MZ-1250	MZ-1600
Rated Input Voltage(V)	3P 380V			
Input Frequency(Hz)	50/60			
Max Input Current(A)	74	103	128	149
Rated Input Power(KVA)	44	67.5	84.4	88
Adjustable Current Range(A)	100-800	100-1000	100-1200	100-1600
No-Load Voltage(V)	76	85	90	82
Rated Input Capacity (KVA)	48.8	51.5	64.5	98
Duty Cycle(%)	60	80		60
Wire Diameter	1.6/2.0/ 2.4/3.0	3.0/4.0/ 5.0/6.0	3.0/4.0/ 5.0/6.0	3.0/4.0/ 5.0/6.0
Weight(KG)	97(Power source) 75(Tractor)	97(Power source) 82(Tractor)	105(Power source) 90(Tractor)	144(Power source) 115(Tractor)
Machine Dimensions(MM)	780*480* 910 (Power source) 690*390* 760 (Tractor)	700*450* 1850 (Power source) 1135*495* 810 (Tractor)	770*450* 1850 (Power source) 1135*495* 810 (Tractor)	865*507* 1120 (Power source) 690*365* 960 (Tractor)



RSR (CAPACITOR DISCHARGED STUD WELDER)

■ Stud welding for insulation

Product Type	RSR-5K(Special for insulation nails)	RSR-10K(Special for insulation nails)
Input Power Source(V)	Single phase 220	
Input Power(W)	150	
Rated storage energy(J)	800	1000
Battery Capacity(WH)	500	1000
Capacitance(UF)	94000	124000
Output Voltage(V)	65	
Charging Time(S)	2	
Welding Quantity(PCS)	5000	10000
Welding Speed	15-45(pcs/min)	15-50(pcs/min)
Welding Base Metal	Carbon steel, stainless steel, copper, aluminum, galvanized sheet, etc.	
Stud Length(MM)	5-270	
Insulation Class	F	
Machine Dimensions(MM)	340*190*330	390*215*370
Weight(KG)	10	12

RSR (CAPACITOR DISCHARGED STUD WELDER)



■ Stud welding for insulation

Product Type	RSR-2500	RSR-3500
Input Power Source(V)	Single phase 220	Single phase 220
Rated Input Capacity(VA)	<1000	<1000
Rated Input Current(A)	<10	<10
Capacitance(UF)	108000	180000
Output Voltage(V)	40-190	40-190
Welding Energy(J)	2000	3200
Stud Specification	M3-M8	M3-M10
Welding Speed	10-30(pcs/min)	10-30(pcs/min)
Welding Base Metal	Carbon steel, stainless steel, copper, aluminum, galvanized sheet, etc.	Carbon steel, stainless steel, copper, aluminum, galvanized sheet, etc.
Stud Length(MM)	5-130	5-130
Insulation Class	F	F
Machine Dimensions(MM)	485*245*420	485*245*420
Weight(KG)	16	20



RSN (HEAVY INDUSTRY)

- Complete protection circuit
- Wide current adjustment range, stable ARC, sufficient power
- Three-proof design for key parts, stable and reliable operation
- Clear and intuitive digital display of welding current and welding time
- High stability, light weight, small size, with casters for easy movement

Model	RSN-2500X	RSN-2500	RSN-3150
Input Power Source	3P 380V	3P 380V	3P 380V
Rated Input Capacity(KVA)	97	121	153
Rated Input Current(A)	147	185	214
No-Load Voltage(V)	90	108	108
Maximum Length Of Ground Cable(M)	30	30	30
Duty Cycle(%)	15	15	15
Current Adjustment Range(A)	300-2000	300-2500	300-3150
Weldable Stud Diameter(MM)	6-19	10-25	16-32
Welding Time	0.3-3	0.3-3	0.3-3
Stud Length	≤400	≤400	≤400
Efficiency(%)	90	90	90
Insulation Class	IP21S	IP21S	IP21S
Machine Dimensions(MM)	690*390*760	680*355*960	750*445*1040
Weight(KG)	75	105	115

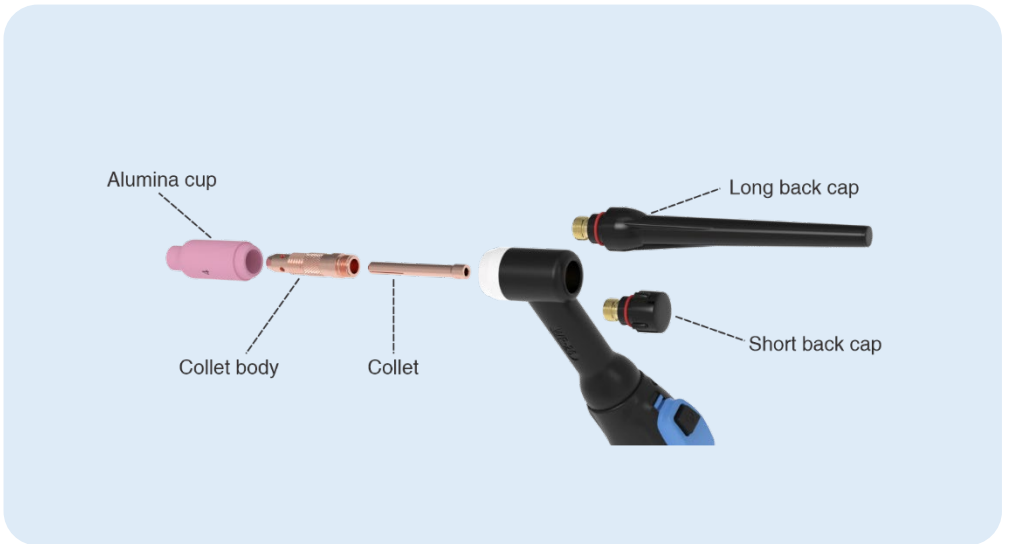
ACCESSORIES

ACCESSORIES TIG TORCH

PRODUCT	TYPE	APPLICABLE MACHINE
	WP12	TIG-500 P TIG-630 P TIG-500P ACDC
	WP17V	MC-160
	WP18	TIGMaster-315COLD TIG-400P ACDC

	<p>WP26</p>	<p> TIG-170 TIG-200 TIG-250 TIG-315 TIG-200 P TIG-315 P TIG-400 P TIGMaster-170COLD TIGMaster-220COLD TIGMaster-250COLD TIG-205P ACDC TIG-225P ACDC TIG-255P ACDC TIG-300P ACDC TIG-315P ACDC TIG-350PACDC TMC-200 </p>
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VULNERABLE PART



MIG TORCH

PRODUCT	TYPE	APPLICABLE MACHINE
	<p>14AK</p>	<p>FLUX-135 MIG-120LCD</p>
	<p>15AK</p>	<p>MIG-160LCD MIG-200LCD MIGPro-181 MIGPro-201 MC-160 TMC-200</p>
	<p>24KD</p>	<p>MIGPro-221 MIGPro-251 MIGPro-225 MIGPro-255 MIGPro-285 MIG-270KB MIG-270KT MIG-270K MIG-200DP MIG-250DP MIG-280DP</p>

ACCESSORIES



36KD

MIG-315KB
MIG-350KB
MIG-350KT
MIG-315K
MIG-350K
MIG-350B
MIG-350
MIG-350G
MIG-500B
MIG-500
MIG-300DP



40KD

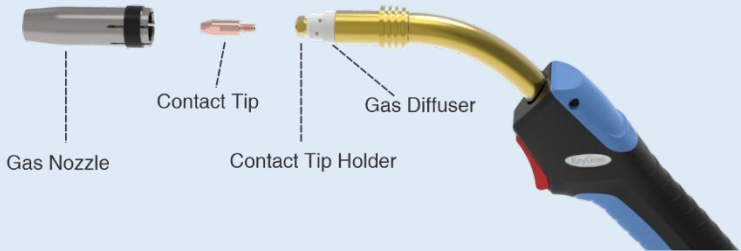
MIG-500G
MIG-500Z



501D



MIG-350DP
MIG-500DP

VULNERABLE PART



ACCESSORIES

CUT TORCH

PRODUCT	TYPE	APPLICABLE MACHINE
 A black and blue handheld cut torch with a yellow trigger and a silver nozzle.	PT31	MC-160 TMC-200 CUT-40 CUT-50 CUT-50AIR
 A red handheld cut torch with a yellow trigger and a silver nozzle.	IPT40	CUTMaster-45
 A red handheld cut torch with a yellow trigger and a silver nozzle.	IPT80	CUTMaster-85



IPT100

CUTMaster-105



P80

CUT-60
 CUT-80
 CUT-100
 CUT-120(CNC)
 CUT-60AIR
 CUT-70AIR
 CUT-80D
 CUT-80AIR
 CUT-100AIR-S
 CUT-100AIR
 CUT-130AIR
 CUT-160AIR



YG-X100A

CUT-130(CNC)

ACCESSORIES



A151

CUT-160CNC



TK-260

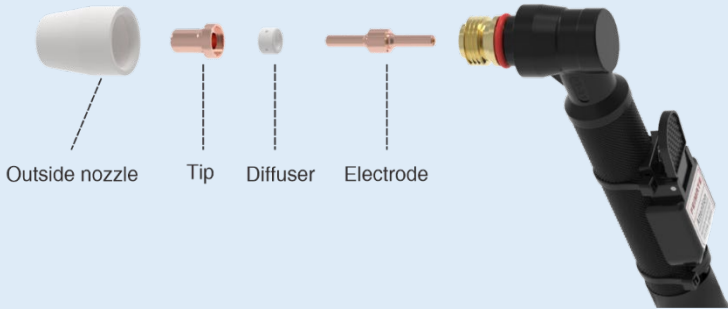
CUT-160CNC
LGK-200(CNC)
LGK-260(CNC)
LGK-300(CNC)
CUT-400(CNC)



AG60/SG55

CUT-60
CUT-60AIR
CUT-50AIR

VULNERABLE PART



FOOT PEDAL



APPLICABLE MACHINE:
TIG-200/250/315/400/500
TIG-200P/250P/315P/400P/500P