



XTRAMIG-200 SYN

MULTI-PROCESS INVERTER WELINDG MACHINE

Parameter:

Model#	XTRAMIG-200 SYN
Type	IGBT
Rated Input Voltage (V)	220V
Rated input frequency (Hz)	50/60Hz
Rated input Power (KVA)	7.1KW
Non-load Voltage (V)	60V
Output current MIG/MAG (A)	200A
Output current MMA (A)	200A
Output current TIG LIFT (A)	200A
Rated Duty cycle (%)	60%
Efficiency (%)	85%
Class of Insulation	F
Shell protection grade	IP21S
Suggested Electrode Max.	5.0mm
Suggested Welding Wire Dia.	0.6mm/0.8mm/1.0mm/1.2mm
Connector size	13mm
N.W./G.W. (kg)	11kg/17kg
Machine Size (LxWxH mm)	520*320*400mm
Packaging	BROWN CARTON BOX
Dimnsions (WXDXH mm)	620*380*450mm

Features:



ALL-IN-ONE

DO EVERYTHING YOU WANT



**GAS
MIG WELDING**
CO₂/ Ar / CO₂+Ar



**NO GAS
MIG WELDING**
FLUX CORED WIRE



**BRAZE
MIG WELDING**
For Galvanized sheet



**Alu / Ss / Cu
MIG WELDING**
according to the Job list



**SPOT
MIG WELDING**
For Body repairing



**2T/4T
MIG WELDING**
For Body repairing



**MMA/ARC
WELDING**
Electrode Rod 5.0mm



**LIFT TIG
WELDING**
For Stainless Steel sheet

1. ALL-IN-ONE function

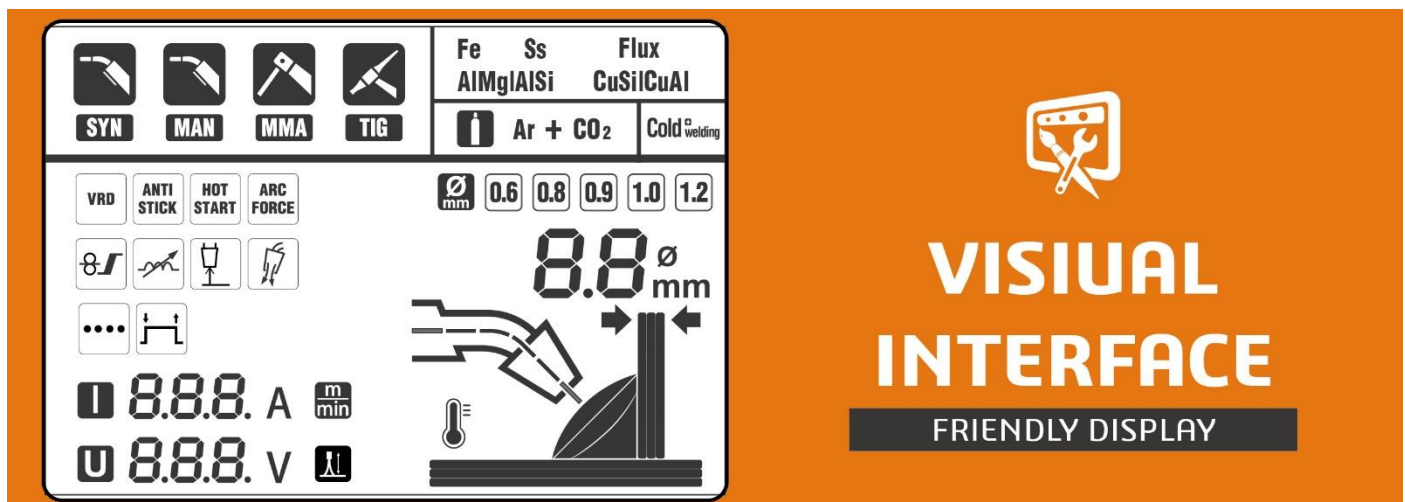
XTRAMIG series welder combos with MIG, MAG, TIG and MMA welding function in one unit.

With the quick Synergic regulation of welding parameters, it can do the welding jobs easily. The intelligent and automatic control of the arc, moment by moment, maintains high welding performance in all working conditions, with different materials and/or gases. The operator can also intervene manually along the arc length.

Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.	
Fe	CO ₂	0.6mm	40A	0.7mm	120A	2.2mm	
		0.8mm	40A	0.6mm	180A	4.3mm	
		0.9mm	40A	0.6mm	200A	4.5mm	
		1.0mm	50A	0.7mm	200A	4.5mm	
			Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
	CO ₂ + Ar	0.6mm	40A	0.6mm	120A	1.9mm	
		0.8mm	40A	0.6mm	180A	4.2mm	
		0.9mm	40A	0.6mm	200A	5.1mm	
1.0mm		50A	0.7mm	200A	4.2mm		
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.	
Ss	Ar+ CO ₂	0.8mm	40A	0.5mm	180A	4.2mm	
		0.9mm	40A	0.5mm	200A	5.2mm	
		1.0mm	50A	0.7mm	200A	5.2mm	
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.	
Flux	NO GAS	0.8mm	40A	0.7mm	180A	4.6mm	
		0.9mm	40A	0.6mm	200A	5.2mm	
		1.0mm	50A	0.9mm	200A	6.0mm	
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.	
AlSi AlMg	Ar	1.0mm	50A	0.6mm	150A	3.7mm	
		1.2mm	60A	0.7mm	200A	7.0mm	
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.	
CuSi CuAl	Ar						
		1.0mm	50A	0.7mm	200A	4.8mm	

2. VISUAL OPERATING INTERFACE WITH LCD SCREEN


All the values that are shown and can be selected according to the welding mode, welding material with recommended gas, welding wire diameter, welding current, wire feeding speed and welding voltage.



3. SMART THERMAL CONTROL (COLD WELDING FOR THIN PLATE)

This is enabled automatically when the thickness selected is less or equal 1.5mm.

The particular instantaneous control of the welding arc and the ultra-rapid correcting of parameters minimize current spikes, something that is characteristic of Short ARC transfer procedures, to the advantages of a low thermal load on the piece to be welded. The result, on the one hand, is reduced deformation of materials and, on the other, a fluid and accurate transfer of the weld material and creation of a welding seam that easy to model.



SMART THERMAL CONTROL

GOOD JOB FOR THIN PLATE

- Easy welding of thin materials
- Decreased deformation of material
- Stable ARC under low currents
- Rapid & Accurate spot welding
- Easier coupling of spaced sheets

4. ADVANCED SETTING FOR MMA WELDING

With MMA mode, advanced setting can be selected, it's helpful for welding all electrodes.

- VRD (Voltage Reduced Device) ON/OFF
- ANTI-STICK ON/OFF
- HOT START 0 - 10
- ARC FORCE 0 - 10

5. ADVANCED SETTING FOR TIG WELDEING (OPTIONAL)

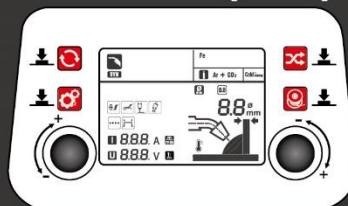
We offer optional advanced setting for PRE-GAS and POST-GAS for Lift TIG welding.

6. SIMPLE TO USE

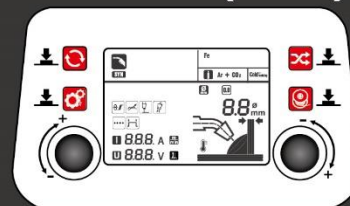
SIMPLE TO USE



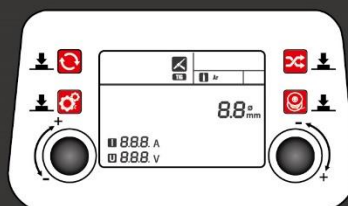
MIG-MAG(SYN)



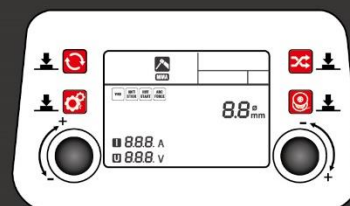
MIG-MAG(MAN)



TIG LIFT



MMA



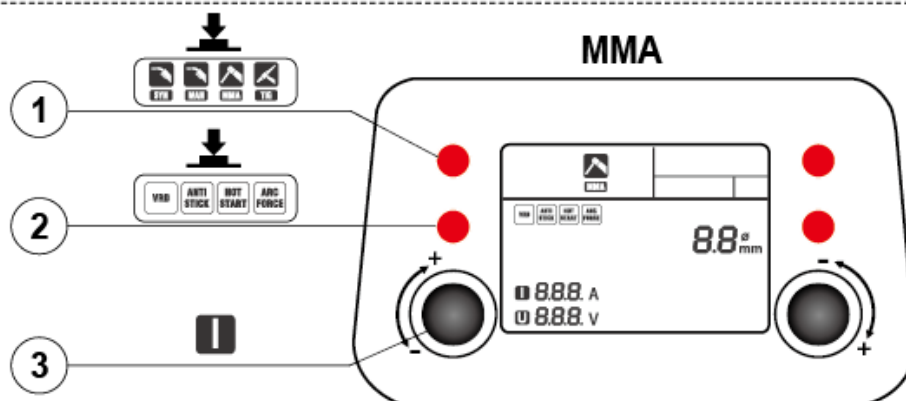
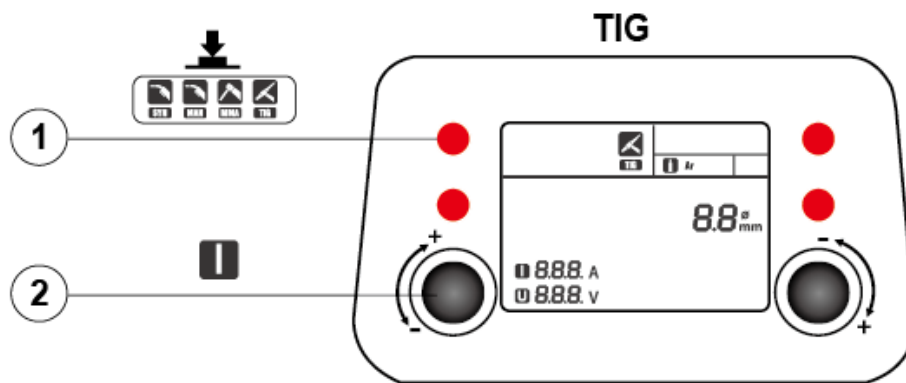
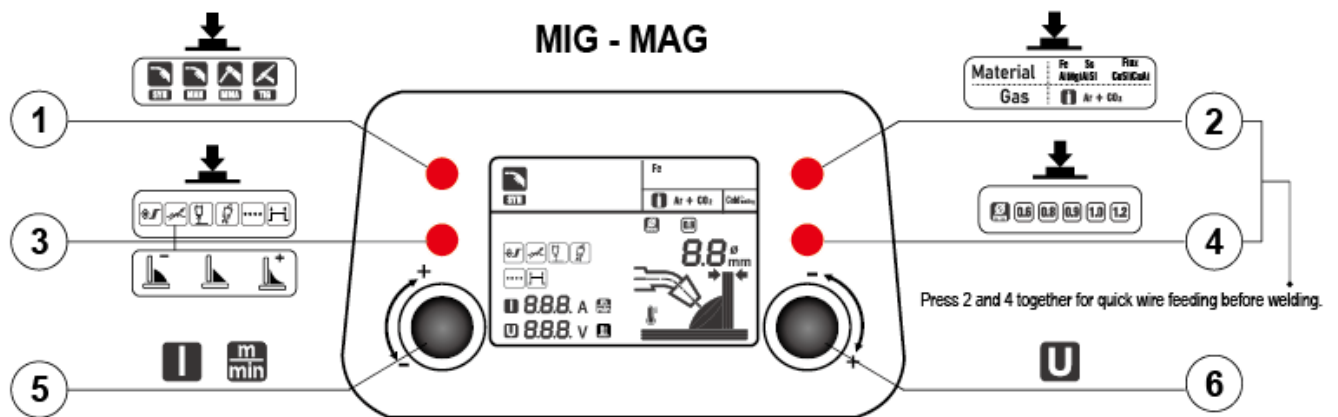
WELDING POLARITY CHART

		TORCH	WORKPIECE
	MIG-MAG (GAS)		
	TIG		
	MMA		

Product Details:



OPERATING & SETTING



Follow the operation video on youtube:

<https://www.youtube.com/watch?v=ZTQp1xb2MHI>

Ready-TO-WELD:

The machine comes with standard accessories:

1. 1x MB15AK MIG TROCH with 3m cable
2. 1x 200A Electrode holder with 2m cable
3. 1x 300A Ground clamp with 2m cable
4. 1x Welding mask
5. 1x Brush/Hammer

Standard Accessories:



Meanwhile, we offer optional accessories for Flux Welding, Aluminum Welding and TIG welding.

Optional Accessories	SPECIFICATION		*** REMARK ***
1. For Flux Welding (NO-GAS)	1. General Standard MIG Torch	MB15AK	Standard
	2. Knurled Groove wire feeding roller	0.6-0.8mm	Optional
		0.8-1.0mm	Optional
	E71T-GS Flux cored wire	0.8mm/1Kg	Optional
0.8mm/5Kg		Optional	
2. For Aluminum wire Welding	1. TRAFIMET MIG TORCH with 3m cable	15AK/20SQM	Optional
	2. Torch AL. contact tips	1.0mm	Optional
		1.2mm	Optional
	3. U Groove wire feeding roller	1.0-1.2mm	Optional
4. Short Soft tube for aluminum wire inlet		Optional	
3. For Spool gun welding (NO GAS)	Spool Gun (QLBF-200iii) with 3m cable		Optional
	Spool gun wire feeding roller	0.8-0.9mm/ 0.8-1.0mm	Optional
4. For Lift TIG welding	WP17V Lift TIG torch with 4m cable		Optional

If you want to learn more Optional Accessories, please contact sales for more information.

DECAPOWER



FLUX WELDING
SOLDADURA FLUX



MIG WELDING
SOLDADURA MIG



ARC WELDING
SOLDADURA POR ARCO



TIG WELDING
SOLDADURA TIG



PLASMA CUTTING
CORTE DE PLASMA



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