Inverter

- Large-capacity 500 A current output achieves high-efficiency welding.
- Current setting can be made in increments of 0.1 A in the current region of 10 A or less, thus making it possible to set ideal welding conditions to ultra thin plates
- Synergistic function makes automatic setting of welding conditions. (diameter of electrode, material of base metal, shape of weld joint and thickness of base metal)
- Pulse function (0.1-999 Hz) provides high performance in thin materials.
- Ability to store the parameters
- Easy to adjust parameters such as pre-gas / post-gas, up-slope / down- slope, initial current / final current, crater filling-arc spot time etc
- Newly developed tunnel protection and due to the revolution control of the cooling fan according to its duty cycle or ambient air temperature, the design prevents dust fromentering the area where electronic components are installed
- Data editing / copying / transferring, using USB via machine front panel.
- Unique wire feeding advantages via three wire straighteners and four feed rollers
- Easy connection to Automation & Robotic Systems
- Ease of control of the machine current using a standard torch without the need for high - cost torches with special control
- Optionally, monitoring of welding data from android mobile phone, tablet or PC, graphical welder test, amount of wire consumption, working time, recording of WPS work and print out etc
- Technological advantages

		TIG	MMA
Input Voltage	V	3 Phase 50/60 Hz, 400 V	
Installed Power	kVA		18.2
Fuse (delayed action)	A	32	32
No Load Voltage	V	74	74
Current Range	A	1-500	310-500
Duty Cycle at (40°C)	%100	387	310
	%60	500	500
Standards		**EN 60974-1 / EN 60974-3 / EN 60974-10**	
Protection Class	IP	IP 23	
Insulation Class		F	
Dimensions ((L*W*H)	mm	395 / 710 / 592	
Weight	kg	62	

STANDARD & OPTIONAL EQUIPMENTS

This Order Code Covers The Welding Machine and All of The Equipments
3021000012 Air Cooled
3021000013 Water Cooled

1021000007

6051900083

2020901327

1051300003

1045000000 (Optional)

2020900174 (Optional)