



Welding process

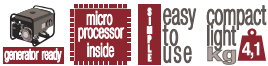
- MMA stick welding
- TIG DC Lift start welding

Materials

- Carbon steels
- Stainless steels
- Cast irons

Applications

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians



Technical features

- Advanced inverter technology power source for superior arc performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with all types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Dinse connector, 25mm²

Power source

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	Kg
Genesis 145	1x230V	16A	7,1kVA 5,0kW	40°C 40°C 40°C	35% 60% 100%	145A 120A 100A	0,70	5-145A	78V	23S	280x110x220mm	4,1kg

Part No.	Description
Genesis 145 - MMA welding configuration	
55.02.012	GENESIS 145 1x230V
73.10.02501	ACCESSORIES KIT (HAND-SHIELD, WIRE BRUSH AND DE-SLAGGING HAMMER, ELECTRODE HOLDER, EARTH CABLE)
74.10.007	CARRYING BAG
Accessories	
Torch	
81.02.005	TIG WELDING TORCH SR 17 V - L.4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L.8m - AIR COOLED
Other	
72.01.007	PRESSURE LIMITER - IT
72.04.001	ARGON-CO2 GAS FITTING
73.10.02501	ACCESSORIES KIT (HAND-SHIELD, WIRE BRUSH AND DE-SLAGGING HAMMER, ELECTRODE HOLDER, EARTH CABLE)