



Cutting process

- Plasma cutting

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys
- Copper and copper alloys

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Railway industry
- Machine and apparatus construction
- Food industry
- Chemical industry
- Repair and overhaul
- Building
- Installers
- Workshops
- Sheet metal working



Technical features

- New generation inverter technology power source
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- Extremely rugged, reliable and easy-to-use systems
- 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
- Full digital and user-friendly control panel
- Cutting parameters digital display
- Air pressure digital display
- Last job settings auto-storage at switch-off
- No-gas alarm and cap safety protection
- HF mode arc striking
- Pilot and cutting arc automatic switch for operations over discontinuous material, grilles and perforated sheet metal
- Arc soft-stop functionality for optimised workpiece final edge
- Reduced spare parts consumption
- Selco torch compatible
- Central connector with safety retaining system

Power source

			P	X%				I₂	U_o	IP	mm l x w x h	Kg
Genesis 90	3x400V	20A	12,6kVA 12,0kW	40°C 40°C	60% 100%	90A 70A	35mm	22-90A	265V	23S	600x215x406mm	25,0kg

Part No.	Description
Genesis 90	
56.01.090	GENESIS 90 3x400V
81.20.048	PLASMA CUTTING TORCH SP 101 - L.6m
71.05.016	WORK CABLE - 25mm ² - L.4m
Accessories	
Other	
73.10.023	ACCESSORIES KIT
81.20.048	PLASMA CUTTING TORCH SP 101 - L.6m
71.05.016	WORK CABLE - 25mm ² - L.4m
73.01.102	WELDING GLASSES PLASMA CUTTING