



**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 enviromental 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 allarm 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**

			<b>P</b>	<b>X%</b>				<b>I<sub>2</sub></b>	<b>U<sub>o</sub></b>	<b>IP</b>	mm l x w x h	Kg
<b>Genesis 90</b>	3x400V	20A	12,6kVA 12,0kW	40°C 40°C	60% 100%	90A 70A	35mm	22-90A	265V	23S	600x215x406mm	25,0kg

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