



**Welding process**

- MMA stick welding
- TIG DC Lift start welding

**Materials**

- Carbon steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys

**Applications**

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Repair and overhaul
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



**Technical features**

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- Selco CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- 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
- Remote control compatible
- Dinse connector, 50/70mm<sup>2</sup>

**Power source**

			<b>P</b>	<b>X%</b>			<b>P.F.</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 1700 RC</b>	1x230V	16A	8,5kVA 5,9kW	40°C	35%	170A	0,70	3-170A	80V	23S	410x150x330mm	8,0kg
				40°C	60%	150A						
				40°C	100%	120A						
				25°C	100%	150A						
<b>Genesis 1700 BRC</b>	1x115V	30A	5,3kVA 3,7kW	40°C	25%	120A	0,70	3-120A	80V	23S	410x150x330mm	8,0kg
				40°C	60%	95A						
				40°C	100%	75A						
				25°C	100%	95A						
	1x230V	16A	8,5kVA 5,9kW	40°C	35%	170A	0,70	3-170A	80V	23S	410x150x330mm	8,0kg
				40°C	60%	150A						
				40°C	100%	120A						
				25°C	100%	150A						

Part No.	Description
<b>Genesis 1700 RC - MMA welding configuration</b>	
55.02.00801	GENESIS 1700 RC 1 x 230V
71.04.01901	STICK ELECTRODE HOLDER - POWER CABLE 25mm <sup>2</sup> - L.4m - PLUG 50mm <sup>2</sup>
71.05.016	WORK CABLE - 25mm <sup>2</sup> - L.4m
<b>Genesis 1700 BRC - MMA welding configuration</b>	
55.02.02301	GENESIS 1700 BRC 1x115/1x230V
71.04.01901	STICK ELECTRODE HOLDER - POWER CABLE 25mm <sup>2</sup> - L.4m - PLUG 50mm <sup>2</sup>
71.05.016	WORK CABLE - 25mm <sup>2</sup> - L.4m
<b>Accessories</b>	
<b>Remote control unit</b>	
71.02.400	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.023	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.200	REMOTE CONTROL UNIT RC 200 - L.6m
<b>Torch</b>	
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
<b>Other</b>	
72.01.007	PRESSURE LIMITER - IT
72.04.001	ARGON-CO2 GAS FITTING