



**Welding process**

- MMA stick welding
- TIG DC Lift and HF start welding

**Materials**

- Carbon steels
- Stainless steels
- Nickel and nickel alloys
- Cast irons
- Copper and copper alloys
- Titanium and titanium alloys

**Applications**

- Light job shop fabrication
- Building sites
- Shipyards
- Cycle industry
- Nuclear industry
- Food industry
- Chemical industry
- Repair and overhaul
- Repair and overhaul
- Building
- Plumbing



**Technical features**

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and environmental conditions, high service life
- 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
- Reduced dimensions and compact construction
- 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)
- Manual restart or downslope stop functions
- 2/4 step operating mode
- Bi-Level operating mode
- Spot welding mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Synergic post-flow adjustment
- Easy joining
- Dinse connector, 25mm<sup>2</sup>
- ST 17 U/D digital TIG torch compatible
- Remote control compatible
- Standard robot IO interface equipped

**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>	<b>mm</b> l x w x h	<b>Kg</b>
<b>Genesis 1700 TLH</b>	1x230V MMA	16A	8,5kVA 5,9kW	40°C	35%	170A	0,70	3-170A	80V	23S	410x150x330mm	8,4kg
				40°C	60%	150A						
				40°C	100%	120A						
				25°C	100%	150A						
	1x230V TIG	16A	8,5kVA 5,9kW	40°C	45%	170A	0,70	3-170A	106V	23S	410x150x330mm	8,4kg
				40°C	60%	160A						
<b>Genesis 1700 BLH</b>	1x115V MMA	30A	5,3kVA 3,7kW	40°C	25%	120A	0,70	3-120A	80V	23S	410x150x330mm	8,4kg
				40°C	60%	95A						
				40°C	100%	75A						
				40°C	100%	100A						
	1x115V TIG	30A	5,3kVA 3,7kW	40°C	25%	150A	0,70	3-150A	106V	23S	410x150x330mm	8,4kg
				40°C	60%	120A						
				40°C	100%	100A						
				40°C	100%	100A						
	1x230V MMA	16A	8,5kVA 5,9kW	40°C	35%	170A	0,70	3-170A	80V	23S	410x150x330mm	8,4kg
				40°C	60%	150A						
				40°C	100%	120A						
				25°C	100%	160A						
1x230V TIG	16A	8,5kVA 5,9kW	40°C	35%	170A	0,70	3-170A	106V	23S	410x150x330mm	8,4kg	
			40°C	60%	160A							
			40°C	100%	140A							
			25°C	100%	160A							

Part No.	Description
<b>Genesis 1700 TLH - TIG welding configuration - 4 m torch</b>	
77.57.00201	GENESIS 1700 TLH WITH ST 17 U/D TIG TORCH - L.4m
71.05.01601	WORK CABLE - 25mm <sup>2</sup> - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
<b>Genesis 1700 TLH - TIG welding configuration - 8 m torch</b>	
77.57.00202	GENESIS 1700 TLH WITH ST 17 U/D TIG TORCH - L.8m
71.05.01601	WORK CABLE - 25mm <sup>2</sup> - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
<b>Genesis 1700 BLH - TIG welding configuration - 4 m torch</b>	
77.57.00301	GENESIS 1700 BLH WITH ST 17 U/D TIG TORCH - L.4m
71.05.01601	WORK CABLE - 25mm <sup>2</sup> - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
<b>Genesis 1700 BLH - TIG welding configuration - 8 m torch</b>	
77.57.00302	GENESIS 1700 BLH + ST 17 U/D - L.8m TIG TORCH
71.05.01601	WORK CABLE - 25mm <sup>2</sup> - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
<b>Accessories</b>	
<b>Remote control unit</b>	
71.02.400	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.500	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.023	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.200	REMOTE CONTROL UNIT RC 200 - L.6m
<b>Stick electrode holder</b>	
71.04.019	STICK ELECTRODE HOLDER - POWER CABLE 25mm <sup>2</sup> - L.4m
<b>Earth cable</b>	
71.05.01601	WORK CABLE - 25mm <sup>2</sup> - L.4m
<b>Other</b>	
72.01.003	PRESSURE LIMITER WITH FLOWMETER
72.04.001	ARGON-CO2 GAS FITTING