



Cutting process

- Plasma cutting

Materials

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

Applications

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



Technical features

- High efficiency secondary side chopper technology
- 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
- Reduced spare parts consumption
- Selco torch compatible
- Central connector with safety retaining system

Power source

			P	X%				I₂	U₀	IP	mm_{l x w x h}	Kg
Sistor 142	3x400V	40A	24,8kVA 21,8kW	40°C 40°C 40°C	40% 60% 100%	140A 120A 90A	50mm	20-140A	272V	21S	700x400x780mm	144,0kg
	3x230V	63A	24,8kVA 21,8kW	40°C 40°C 40°C	40% 60% 100%	140A 120A 90A	50mm	20-140A	272V	21S	700x400x780mm	144,0kg

Part No. Description

Sistor 142 - 3x230/400V

54.01.140	SISTOR 142 3x400V/3x230V
81.20.049	PLASMA CUTTING TORCH SP 141 - L.6m
71.05.020	WORK CABLE - 35mm ² - L.4m

Accessories

Other

73.10.024	CUTTING ACCESSORIES KIT
81.20.049	PLASMA CUTTING TORCH SP 141 - L.6m
71.05.020	WORK CABLE - 35mm ² - L.4m
73.01.102	WELDING GLASSES PLASMA CUTTING