

Cutting process

- Plasma cutting
- Plasma gouging

Materials

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

Applications

- Light job shop fabrication
- Building sites
- Automobile industry
- Food industry
- Chemical industry
- Repair and overhaul
- Handicraft working
- Building
- Installers
- Workshops
- Sheet metal working

**Technical features**

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases !da duplicazione!
- 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
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly LCD graphic display control panel
- Cutting parameters digital display
- Air pressure digital display
- Last job settings auto-storage at switch-off
- No-gas alarm and caps safety protection
- Trigger of the arc in Lift mode
- Pilot and cutting arc automatic switch for operations over discontinuous material, grilles and perforated sheet metal
- Reduced spare parts consumption
- 2/4 step operating mode
- Control of several welding units over Ethernet
- SP 70 torch compatible
- Central connector with safety retaining system
- Standard robot IO interface equipped

Power source

			P	X%				I₂	U_o	IP	mm l x w x h	Kg
Saber 70 CHP	3x400V CUTTING	16A	9,0kVA 8,6kW	40°C 50% 40°C 60% 40°C 100% 25°C 100%	70A 65A 55A 60A	S = 35 mm M = 28 mm R = 20 mm P = 15 mm		20-70A	252V	23S	570x190x400mm	18,6kg
	3x400V GOUGING	16A	10,4kVA 9,9kW	40°C 50% 40°C 60% 40°C 100% 25°C 100%	70A 65A 55A 60A	—		20-70A	252V	23S	570x190x400mm	18,6kg
	3x230V CUTTING	20A	6,8kVA 6,6kW	40°C 60% 40°C 100% 25°C 100%	55A 45A 55A	S = 26 mm M = 22 mm R = 15 mm P = 12 mm		20-55A	252V	23S	570x190x400mm	18,6kg
	3x230V GOUGING	20A	8,0kVA 7,7kW	40°C 60% 40°C 100% 25°C 100%	55A 45A 55A	—		20-55A	252V	23S	570x190x400mm	18,6kg

S = Separation M = Max Cut R = Reccomended Cut P = Perforation