

Plasma cutting is a process that cuts through electrically conductive materials by means of an accelerated jet of hot plasma.

Features:

- Low to high cut quality
- Smooth edge surface
- Metallurgical perfect surface for welding
- Medium heat input
- Excellent cutting speed
- Hardening within the area of the HAZ
- Wide range of metal



**CUT 60-1/65
CUT 60-1/65 CNC
CUT 100 CNC**

- Input voltage can be Single Phase 220Volts or Three Phases 380Volts Input
- Pilot Arc Start increases cutting capability and cutting speed, it also improves working life of torch parts
- 90% High Duty Cycle at 60amps and 40°C
- Arc is started Without High-frequency, so it will not disturb or damage controllers or computers
- Grid Cutting is available
- Air Flow Checking function is included
- CNC Cutting Function and Connector is optional
- Built-in protection Circuit of over temperature and over voltage and over current for better reliability
- Generator friendly allows to work with diesel generators and avoid failures due to its voltage spikes



Industrial **DC** **1 Phase** **3 Phase**

Processes

- Air plasma cutting

Optional Accessories

- Earth cable and clamp
- S65-4m #00.2828.02
- SC-60-6m #00.2655
- SCM-120-8m #00.2656.02

Model	Input Voltage	Effective Input Amps	KW	Rated Output at 40°C	No-load Volts	Max.Cutting Thickness	Dimension	Net weight	Protection Class
CUT 60-1/CUT 60-1 CNC 220±10%VAC 50/60Hz	Single phase	40	7.1	60A@95%	400	35mm	L:640mm(25.1in.) W:240mm(9.4in.) H:455mm(17.9in.)	23kg(50.7lb.)	IP23
CUT 65/CUT 65 CNC 380±10%VAC 50/60Hz	Three phase	17	7.8	65A@90%	450	35mm	L:640mm(25.1in.) W:240mm(9.4in.) H:455mm(17.9in.)	24kg(52.9lb.)	IP23
CUT 100 CNC 380±10%VAC 50/60Hz	Three phase	28	14.5	100A@100%	420	60mm	L:660mm(25.9in.) W:240mm(9.4in.) H:445mm(17.5in.)	30.5kg(67.2lb.)	IP23

Cutting Power Plasma System