

Product Specifications

DANOX CUT-120

ORIGIN CHINA

| Advance Design | Quality Assurance |



MCU



Smart Fan



2T/4T



Grid Cutting



Plasma
Gouging



CUT

Accessories

- P80 5Mtr Plasma Cutting Torch with full accessories 300Amp
- Earth Clamp with 3mtr cable, Dinse Male Plug
- Air Filter Regulator

Prepared By
Danox Welding Pte Ltd
2026

Singapore HQ

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Features

- Cutting metals: Carbon steel, Stainless steel, Alloy steel, Aluminum & Copper
- With focused plasma arc energy, there is very narrow heat-affected zone on the cutting part.
- Fast cutting speed, Smooth cutting surface, Small thermal deformation
- Smart fan technology, saving energy & less noise, reduce dust & extend fan lifespan
- 2T/4T
- Gas check
- Pre/Post flow
- Pilot arc
- CNC interface (optional)

Technical Parameters

| | CUT-120 |
|---------------------------------------|-----------------------|
| Rated Input voltage (V) | AC380V/3P±15% 50/60HZ |
| Rated Input power (KVA) | 20 |
| Rated output (A/V) | 100/120 |
| Rated duty cycle@40°C (%) | 40 |
| No-load Voltage(V) | 320 |
| Output current range (A) | 20~100 |
| Cutting output current range (A) | 30-100 |
| Mesh Cutting output current range (A) | 50-100 |
| Efficiency(%) | 85 |
| Power factor (cosφ) | 0.7 |
| Protection Class | IP21S |
| Insulation Class | H |
| Gas Pressure Range | 0.4~0.6 |
| Post-flow time (s) | 5-10 |
| Quality cutting thickness (mm) | 25 |
| Maximum cutting thickness(mm) | 40 |
| Output characteristic | CC |
| Dimensions(mm) | 636.5×255×457 |
| Net Weight(kg) | 25 |

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