

DURALLOY®

CUT 41PFC MV

240V Inverter Plasma Cutter

PART NO: **DACUT41P**



PLASMA



8KG

EN60974-1:2012



3
YEAR

3 YEAR
WARRANTY

PFC TECHNOLOGY

Most DURALLOY® Welding Machines feature PFC Technology for maximum electrical efficiency and consistent weld output.

PILOT ARC CONTROLLER

Increases cutting capabilities and speed. Extends tip's life. Ideal for grid cutting.

PROTECTIONS

Equipped with temperature, voltage and current sensors for greater protection.

GENERATOR FRIENDLY

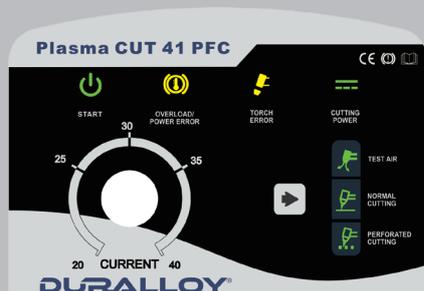
Designed to work from power generators (8.5kva).

COMPRESSOR REQUIREMENT

- 12cfm Compressor

FEATURES

- Wide input voltage - 90VAC - 275VAC
- Generator friendly (8.5kVA)
- High Duty Cycle -25 Amps @ 100%
- IP23 Rating
- Protective Front Fascia Cover
- Air Test function
- 6M PT60 Plasma Torch with Central Adaptor
- Built-in Regulator
- Extension lead friendly up to 100m



SPECIFICATIONS

Power Supply	90VAC - 275VAC	
Supply Plug	15 Amps	
Frequency	50/60Hz	
	1-110/120/130V ± 10%	1-220/230/240V ± 10%
Input Power	3.8kW	4.9kW
Input Current	34.5A	22.6A
Duty Cycle 40°C 10min	30A 35% 22A 60% 20A 100%	40A 35% 32A 60% 25A 100%
Cutting Current	20 - 30A	20 - 40A
Severance Cut for Carbon Steel	≤ 20mm	≤ 25mm
Production Cut		
• Carbon Steel	≤ 15mm	≤ 20mm
• Stainless Steel	≤ 15mm	≤ 20mm
• Aluminium	≤ 12mm	≤ 16mm
• Copper	≤ 8mm	≤ 12mm
Net Weight	8kg	
Dimensions	505mm x 147mm x 305mm	
Insulation Class	H	
Protection Class	IP23	
Cooling	Auto Fan	
Power Factor	0.99	

APPLICATIONS

- Boat Building
- General Fabrication
- Automotive Crash Repair
- Aluminium Fabrication
- Stainless Fabrication
- On-site Fabrication

MATERIALS

- Mild Steel
- Aluminium
- Stainless Steel

PACKAGE INCLUDES

- Power Source
- 6M PT60 Plasma Torch
- 3M Earth
- Owner's Manual