

# Plasarc 70

Air Plasma Cutting and  
Manual Welding on Site



**ARC**  **GEN**

# Features

- Multi process machine
- Plasma cutting up to 35mm
- DC welding from 35 to 300 amps
- 3kW 110 volt auxiliary power
- Service air supply
- Super silent operation



The Plasarc 70 is a multi process machine offering four functions, air plasma cutting, manual metal arc welding, auxiliary AC power and an air compressor all from the same machine.

The machine is supplied with a 15m lightweight air plasma cutting torch, which is suitable for both contact and non contact cutting. The Plasarc 70 is capable of cutting all types of conductive metals up to a maximum thickness of 35mm depending on the material.

The welding output offers excellent welding characteristics for all types of manual metal arc electrodes from 35 to 300 amps whilst the optional remote control allows remote switching from cutting to welding and full remote adjustment of the welding output.

Powered by an electric start Yanmar diesel engine, the unit has a 40 litre fuel tank which provides up to 11 hours of operation. Super silent in operation the Plasarc 70 meets all the latest European sound and CE legislation.



# Specification

## Cutting output

Rated current 70 amps DC  
 Rated voltage 140 volts DC  
 Rated duty cycle 60%  
 Cutting plate thickness range:-  
 Iron, galvanised sheet, and stainless steel, 0.5 to 35mm.  
 Aluminium 0.5 to 30mm  
 Copper, brass 0.5 to 12mm

## Welding output Auxiliary output

Current range 35 to 300 amps DC  
 110V AC 3kW 60Hz

## Service air output

Engine  
 Sound level  
 Fuel tank capacity  
 Fuel consumption

## Dimensions

Base mounted  
 Road trailer (ball hitch)

Discharge air pressure 0.7 Mpa  
 Discharge air volume 0.20 m<sup>3</sup>/min  
 Yanmar 3TNE74 3 cylinder water cooled  
 67dB(A) at 7m  
 40 litres  
 3.8 litres per hour on a 75% duty cycle

L 1.46m  
 H 0.97m  
 Wt 630Kg (dry)  
 L 2.62m  
 H 1.40m  
 W 1.53m  
 Wt 750Kg (dry)



Station Road, Four Ashes, Wolverhampton WV10 7DB  
 Telephone: 01902 790824 Fax: 01902 790355  
 eMail: sales@arcgen.freeserve.co.uk  
 www.arcgen.freeserve.co.uk

As Arc-Gen policy is one of continuous improvement, the company reserves the right to change design and specification without notice.

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