Order Code:
WS-PC40-DV

5 | **YEAR WARRANTY**

INFINIUM AIR PLASMA CUTTER 40

The Weld Star Infinium dual voltage inverter plasma cutting machine range with built-in compressor has been designed as an integrated portable cutting machine which incorporate the most advanced IGBT inverter technology.

Non HF Pilot Start

Featuring Built In Air Compressor

Dual Voltage

COMPLETE WITH
TH-35 4mtr Plasma Torch
Air Regulator
Work Return Lead

230V model available
Order Code: WS-PC40-230V

KEY FEATURES

- The PC40 is a compact, lightweight and portable inverter based plasma cutting machine with a built in air compressor that offers excellent operator flexibility.
- Advanced, high efficiency plasma systems that offer flexible portability along with smooth and precise cutting characteristics that is ideal when cutting steel, stainless, copper, cast iron as well as aluminium.
- The Weld Star Infinium plasma range offers the flexibility of switching between the built in compressor or using your own workshop supplied compressed air.
- Clean cut of 12mm and a severance cut of 16mm. Based on mild steel using workshop compressed air.
- Auto pilot restart allows for faster restarting of the pilot arc which allows for uninterrupted cutting of grid or perforated type material.
- Plasma cutting speeds can be up to 1.8 times faster when compared with oxyacetylene cutting.
- Advanced non HF pilot arc ignition via the supplied plasma cutting torch.
- The single carry handle offers excellent portability when working or maneuvering on site or in the workshop.
- User friendly operator control panels.
- Generator friendly (with built-in AVR).
- Optional circle cutting guide kit available.
- 5 year warranty

TECHNICAL DATA - WS-PC40-DV

	110V AC ±15% 50/60Hz		230V AC ±15% 50/60Hz	
Input Voltage	110V AC ±15% 50/60Hz		230V AC ±15% 50/60Hz	
Ieff (A)	20.4		16	
Input Power (kVA)	3.8		5.2	
Cutting Current Range (A)	20 - 30		20 - 40	
No-Load Voltage (V)	400			
Duty Cycle @ 40°C	30A@35% 22A@60% 20A@100%		40A@35% 36A@60% 30A@100%	
	Internal Air	External Air	Internal Air	External Air
Clean Cut (mm)	5	6	10	12
Severance Cut (mm)	6	8	14	16
Min/Max air pressure (external)	5 Bar (75psi) / 6 Bar (87psi)			
Minimum gas flow (external air)	4.5CFM 120 Ltr/min			
Efficiency (%)	85			
Idle State Power (w)	11			
Power Factor	0.99			
Protection/Insulation Class	IP23S/H			
Dimensions (LxWxH mm)	610 X 215 X 420			
Weight (Kg)	21			