

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.



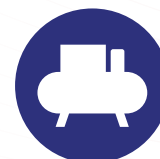
Non HF Pilot Start

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 18 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

Input Voltage	110V AC $\pm$ 15% 50/60Hz		230V AC $\pm$ 15% 50/60Hz	
I <sub>eff</sub> (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			