

Order Code:  
**WS-PC65**

**5** | YEAR   
WARRANTY

## INFINIUM AIR PLASMA CUTTER 65

The Weld Star Infinium 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.



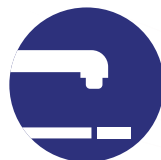
Non HF Pilot Start

Featuring Built In Air Compressor

Clean Cut of 25mm

### COMPLETE WITH

UPH-125 6mtr Plasma Torch  
Air Regulator  
Work Return Lead



## KEY FEATURES

- The PC65 plasma cutting machine offers excellent operator flexibility with a built in air compressor while mounted on a trolley for easier movement.
- 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 25mm and a severance cut of 35mm 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 trolley 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-PC65

Input Voltage	<b>400V AC ±15% 50/60Hz</b>	
I <sub>eff</sub> (A)	<b>17.1</b>	
Input Power (kVA)	<b>12.4</b>	
Cutting Current Range (A)	<b>20 - 65</b>	
No-Load Voltage (V)	<b>450</b>	
Duty Cycle @ 40°C	<b>65A@90% 61A@100%</b>	
	Internal Air	External Air
Clean Cut (mm)	<b>20</b>	<b>25</b>
Severance Cut (mm)	<b>25</b>	<b>30</b>
Min/Max air pressure (external)	<b>5.2 Bar (75psi) / 8 Bar (116psi)</b>	
Minimum gas flow (external air)	<b>7.1CFM 200 Ltr/min</b>	
Efficiency (%)	<b>85</b>	
Idle State Power (w)	<b>22</b>	
Power Factor	<b>0.99</b>	
Protection/Insulation Class	<b>IP23S/H</b>	
Dimensions (LxWxH mm)	Without Trolley: <b>790 x 245 x 610</b> With Trolley: <b>930 x 330 x 775</b>	
Weight (Kg)	<b>56</b>	