

# sifWELD®



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## sifWELD Evolution CUT40

CE  
Approved



## Dual Voltage 40Amp Plasma Cutter



TSXE1P40

# Professional plasma cutting system

## for industry

The sifWELD Cut40 Dual Voltage is a professional 40Amp plasma cutting system designed for hand-held efficient cutting in manufacturing, sheet metal, general maintenance industries and automotive. Featuring IGBT inverter technology, the SifWeld Cut40 Dual Voltage plasma cutter is engineered to consistently deliver heavy-duty cutting performance.

This is ideal to cut up to 12mm thick steel. The 6m cutting torch ensures exceptionally smooth, clean cuts, and comes with a quick-connect euro adapter to ensure effortless connection, and cost effective replacement of the torch. The SifWeld Cut40 Dual Voltage can be used to efficiently cut mild and low-alloy steels, stainless, aluminium, copper, titanium and nickel alloys.



### Main features

- 40A, 230V or 110V single phase plasma cutter
- PFC Technology
- Very high duty cycle, 100% at 30A, 230V
- Full digital control with LED display for showing the output, monitoring and displaying any torch or machine faults
- Max cutting thickness 25mm, severance on carbon steel at 230V 20mm at 110V
- Quick connect plasma euro torch connector
- 6M manual plasma cutting torch included



Energy  
Efficient



Single  
Phase



AC  
Current

SifWeld 5 year warranty, subject to annual preventative maintenance. Register your product at [www.sifweld.com](http://www.sifweld.com)



Plasma delivers faster cutting speeds than oxy/fuel processes and leaves the cut face clean and weldable, with greatly-reduced distortion or work-hardening.

## Technical data

### Parameters

| Power Supply                           | 230V             |                                |
|--|------------------|--------------------------------|
| Duty Cycle<br>(40°C 10min)             |                  | 50% 40A<br>60% 36A<br>100% 30A |
| Cutting Current<br>Range (A)           |                  | 20 ~ 40                        |
| Severance cut for<br>carbon steel (mm) | Compressor<br>18 | External Air<br>25             |
| Production Cut (mm)                    |                  |                                |
| Carbon Steel                           | 14               | 20                             |
| Stainless Steel                        | 14               | 20                             |
| Aluminium                              | 14               | 16                             |
| Copper                                 | 5                | 12                             |
| Net Weight (Kg)                        | 18               |                                |
| Dimensions (mm)                        | 510 x 146 x 278  |                                |

## Ordering information

| Description                          | Part number |
|--------------------------------------|-------------|
| Sifweld Evolution CUT40 PFC LCD 110V | TSXE1P40    |
| Sifweld Evolution (IPT-60 6M) Torch  | TSXE1P40T*  |
| Earth Cable 16mm2 3m                 | TSXES052-1* |

*Ready to use Machine Package includes items marked \* Our Plasma Welding Machines are UKCA & CE certified, compliant to BS EN 60974-1*

**Weldability sif**

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TSXE1P40

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**WELDING  
TECHNOLOGY**

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