

# sifWELD®



[www.sifweld.com](http://www.sifweld.com)

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## sifWELD Evolution CUT40 Air

CE  
Approved



### 40Amp Plasma Cutter with Built In Compressor



## TSXE1P40C

# Professional plasma cutting system

## for industry

The sifWELD Cut40 AIR professional 40Amp plasma with Built In Compressor is designed for hand-held efficient cutting in manufacturing, sheet metal, general maintenance industries and automotive.

The Built In Compressor gives the operator the advantage of Plasma Cutting when an external Air Supply is not available, just flip the switch and the machine can be used with external air supply in the workshop. The SifWeld Cut40 AIR can be used to efficiently cut mild and low-alloy steels, stainless, aluminium, copper, titanium and nickel alloys.



### Main features

- CUT40 Air
- 40A, 230V single phase plasma cutter
- Very high duty cycle, 100% at 30A
- Used with internal compressor or external air supply
- Full digital control with LED display for showing the output, monitoring and displaying any torch or machine faults.
- Max cutting thickness 20mm, severance on carbon steel, external air
- 18mm thickness with built in compressor
- Quick connect plasma eurotorch Connector
- 6M manual plasma cutting torch included.



Energy  
Efficient



Three  
Phase



DC  
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 (40°C 10min)	50% 40A 60% 36A 100% 30A	
Cutting Current Range (A)	20 ~ 40	
Severance cut for carbon steel (mm)	Compressor 18	External Air 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 AIR	TSXE1P40C
sifWELD Evolution (IPT-60 6M) Torch	TSXE1P40T*
Earth Cable 16mm <sup>2</sup> 3m	TSXE5052-1*

*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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TSXE1P40C

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**WELDING TECHNOLOGY**

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