

sifWELD®



www.sifweld.com

Peters House
The Orbital Centre
Icknield Way
Letchworth Garden City
Hertfordshire
SG6 1ET

Tel. +44 (0) 345 130 7757



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



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 PFC LCD 110V	TSXE1P40
Sifweld Evolution (IPT-60 6M) Torch	TSXE1P40T*
Earth Cable 16mm2 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*



Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET
Tel. +44 (0) 845 130 7757 | Email. sales@weldability-sif.com | www.sifweld.com

TSXE1P40