

# sifWELD®



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## sifWELD Evolution CUT100 CNC

CE  
Approved



## Three Phase 100Amp Plasma Cutter



TSXE3P100

# Professional plasma cutting system

## for industry

The sifWELD Cut100 CNC is a professional 100 Amp system designed for efficient cutting in the heavy fabrication, manufacturing, demolition and general maintenance industries. With 100% duty cycle a CNC connection can be connected to a plasma cutting table for precision automatic cutting if required.

Featuring IGBT inverter technology, and is ideal to cut up to 60mm thick steel. The 6m cutting torch ensures exceptionally smooth, clean cuts, and comes with a quick-connect euro connector. Cutting cut mild and low-alloy steels, stainless, aluminium, copper, titanium and nickel alloys.



### Main features

- 100A, Three phase plasma cutter
- CNC input for connection to cutting table, etc
- Very high duty cycle, 100% at 100A
- Perfect machine for automatic cutting
- Full Digital Control with LED display for showing the output, monitoring and displaying any torch or machine faults.
- Max cutting thickness 60mm, Severance on Carbon Steel.
- 6M manual plasma cutting torch included.



Energy  
Efficient



Three  
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	400V 3 Phase
Duty Cycle (40°C 10min)	100% 100A
Cutting Current Range (A)	20 ~ 100
Severance Cut for Carbon Steel (mm)	60
Production Cut (mm)	
Carbon Steel	45
Stainless Steel	45
Aluminium	36
Copper	20
No Load Voltage (V)	420
Net Weight (Kg)	30.5
Dimensions (mm)	600 x 240 x 445

## Ordering information

Description	Part number
sifWELD Evolution CUT100 HF CNC LCD	TSXE3P100*
sifWELD Evolution LT101 6M Torch	TSXE3P100T*
Earth Cable 16mm <sup>2</sup> 4m	TSXE3P100EC*

*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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