

# sifWELD®



www.sifweld.com

Peters House  
The Orbital Centre  
Icknield Way  
Letchworth Garden City  
Hertfordshire  
SG6 1ET  
Tel. +44 (0) 845 130 7757



## sifWELD Evolution TS320ACDC

CE  
Approved



## Aerotech 400Amp Inverter



### TSXE3T320AC

# Professional TIG welding system

## for industry

The advanced sifWELD Evolution Aerotech range of AC/DC TIG machines have features normally only available on high end Aerospace specific TIG welding machines, including: Four Power levels of HF Ignition Strength. Fully adjustable Cleaning and Welding Current Levels on both the Positive and Negative parts of the AC Square Wave Cycle.

A professional, microprocessor-controlled inverter welding power source for AC TIG, DC TIG & MMA applications. The use of IGBT technology providing a compact and lightweight machine that is feature rich including the advanced Aerotech features, High Speed Pulse and the complete range fully adjustable parameters normally expected on a professional TIG welding machine.

Full digital control with large colour LCD for showing and changing all welding parameters.



### Main features

- High duty cycle
- Spot / repeat high speed / pulse function
- Wired or wireless foot pedal and wireless remote control panel available
- Programmable job memory.
- Water cooled and air cooled packages including trolley.



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)

TSXE3T320AC



## Technical data

### Parameters

Power Supply	400V
MMA Duty Cycle (40°C 10min)	60% 320A 100% 250A
Welding Current Range (A)	5 ~ 320
No Load Voltage (V)	82
Net Weight (Kg)	25.5
Dimensions (mm)	530 x 240 x 445

## Ordering information

Description	Part number	
Sifweld Evolution TS320ACDC Dual Voltage	TSXE3T320ACPKG	TSXE3T320WCPKG
WP26 4m Air Cooled Tig Torch with Fittings	TSXEWP18	TSXEWP18*
WP18 4m Water Cooled Tig Torch with Fittings	TSXEWP26*	TSXEWP26
Water Cooler	TXSEWC	TXSEWC*
Earth Cable 35mm <sup>2</sup> 5m	TSXES052-2*	TSXES052-2*
Electrode Cable 35mm <sup>2</sup> 5m	C25030IT200*	C25030IT200*
Wireless Remote Control Panel	TXS5054-3	TXS5054-3
Wireless Foot Pedal	TXS5054-1	TXS5054-1
Wired Foot Pedal	TXS5054-2	TXS5054-2
Evolution Trolley (non-wirefeed)	TXSETROLLEY	TXSETROLLEY*
Argon Regulator	AE3005LXSEEXT*	AE3005LXSEEXT*
Gas Hose 2m 3/8" BSP Hosetail	TXS505i-1*	TXS505i-1*

*Our arc welding machines are UKCA & CE certified, compliant to BS EN 60974-*



Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET  
 Tel. +44 (0) 1462 482200 | Email. sales@weldability-sif.com | www.sifweld.com