

# 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 MTS500DP

CE  
Approved



## Dual Pulse 500Amp Inverter



### TSXE3D500MTS

# Professional MIG welding system

## for industry

The sifWELD MTS500 Dual Pulse is a professional, microprocessor-controlled inverter welding package for MIG, MMA & Lift-TIG applications.

With 100% Duty Cycle at 400A this machine is the ideal work horse for high production manufacturing in air cooled or water cooled versions. The dual pulse function incorporating the built in Synergic facility the machine will automatically give the optimum welding parameters for the specific material, wire size and shielding gas, including optimum MIG welding of aluminium.

Featuring IGBT technology and providing a lightweight, multi-process machine, a separate feed system.



### Main features

- 500A, Three phase MIG welding machine with separate wire feed unit
- Synergic features including dual pulse programs for steels, aluminium and mig brazing
- Very high duty cycle, 100% at 400A, 60% at 500A
- Perfect machine for high production environment
- Programmable job memory
- Supervisor lockable parameters
- Full digital control with large Colour LCD screen for showing and changing all welding parameters on both the power source and the WFU.
- 15Kg reel or bulk drum
- Water cooled or air cooled ready to weld packages.
- 5M or 10M interconnect cable



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



## Technical data

### Parameters

Power Supply	500V 3 Phase
Duty Cycle (40°C 10min)	50% 500A 100% 400A
Welding Current Range (A)	10 ~ 500
Welding Voltage Range (A)	14 ~ 50
No Load Voltage (V)	14 (MMA/TIG) 18 (MIG)
Net Weight (Kg)	32.5
Dimensions (mm)	605 x 240 x 445
Wire Diameter(mm)	Fe 0.6 1.0 1.2 1.6 Ss 0.8 1.0 1.2 1.6 Flux-Cored 1.0 1.2 1.6

## Ordering information

Description	Part number
sifWELD Evolution MTS500DP LCD	TSXE3D500MTS*
sifWELD Evolution MTS500DP WFU	TSXE3D500MTSWFU*
sifWELD Evolution Water Cooler	TSXEWC
Water Cooler Cable	TSXE5053-1
sifWELD Evolution Trolley	TSXETROLLEY
5m Internconnect Air Cooled 50mm <sup>2</sup>	TSXE1C-05AC*
5m Internconnect Water Cooled 50mm <sup>2</sup>	TSXE1C-05WC
K Roller 1.0/1.2mm Pair	TSXES049-1
U Roller 1.2/1.6mm Pair	TSXES049-2*
U Roller 1.0/1.2mm Pair	TSXES048-3*
V Roller 1.2/1.6mm Pair	TSXES050-1
K Roller 1.2/1.6mm Pair	TSXES050-2
10m Interconnect Cable 50mm <sup>2</sup> Water Cooled	TSXE1C-10AC
10m Interconnect Cable 50mm <sup>2</sup> Air Cooled	TSXE1C-10WC
500A Water Cooled MIG Torch	AE3005LXSEEXT
SifGun 400A Air Cooled MIG Torch	FXMT4003*
Argon Regulator	QH400400LX

*Ready to use air cooled package includes items marked \* Our Arc 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)1462 482200 | Email. sales@weldability-sif.com | www.sifweld.com