

# sifWELD®



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## sifWELD Evolution MTS400SYN



Approved



## 500 Amp Digital Multi-Process Inverter'



TSXE3D400MTS

# Professional MIG welding system

## for industry

The sifWELD MTS400SYN is a professional, microprocessor-controlled inverter welding package for MIG, MMA & Lift-TIG applications .

With 100% Duty Cycle at 400A and 60% at 500A this machine is the ideal work horse for high production manufacturing in air cooled or water cooled versions. Using the built in synergic facility the machine will automatically give the optimum welding parameters for the specific material, wire size and shielding gas.

Featuring IGBT technology and providing a lightweight, multi-process machine. A separate wire feed system with full feature control.



### Main features

- 500A, Three phase MIG welding machine with separate wire feed unit
- Synergic or manual settings
- Very high duty cycle, 100% at 400A, 60% at 500A
- Perfect machine for high production environment.
- Supervisor lock out included
- 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
- 25m interconnect cable for special applications



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)

TSXE3D400MTS



## Technical data

### Parameters

Power Supply	400V 3 Phase
MIG Duty Cycle (40°C 10min)	60% 500A 100% 400A
Welding Current Range (A)	10 ~ 500
Welding Voltage Range (A)	14 ~ 50
No Load Voltage (V)	72
Net Weight (Kg)	31.5
Dimensions (mm)	511 x 213 x 400
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 MTS400SYN LCD	TSXE3D400MTS*
Sifweld Evolution MTS400SYN WFU	TSXE3D400MTSWFU*
Sifweld Evolution Water Cooler	TSXEWC
Sifweld Evolution Trolley	TSXETROLLEY*
5m Internconnect Air Cooled 50mm <sup>2</sup>	TSXE1C-05AC*
5m Internconnect Water Cooled 50mm <sup>2</sup>	TSXE1C-05WC
V Roller 1.0/1.2mm Pair	TSXES049-1
V Roller 1.2/1.6mm Pair	TSXES049-2*
U Roller 1.0/1.2mm Pair	TSXES048-2
U Roller 1.2/1.6mm Pair	TSXES048-3
K Roller 1.0/1.2mm Pair	TSXES050-1
K Roller 1.2/1.6mm Pair	TSXES050-2
Argon Regulator	AE3005LXSEEXT
SifGun 400A Air Cooled MIG Torch	FXMT4003*
500A Water Cooled MIG Torch	QH400400LX

*Ready to use air cooled package includes items marked \* Our Arc Welding Machines are UKCA & CE certified, compliant to BS EN 60974-1*



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