

# SifWELD®



[www.sifweld.com](http://www.sifweld.com)

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## SifWeld MTS250

CE  
Approved

MIG TIG MMA



## Multi-Process 250Amp Power Source



TSX1D250MTS

# Professional welding technology

## for industry

The SifWeld MTS250 is an electronically controlled MIG/TIG/MMA industrial welding package featuring IGBT inverter technology. With clear digital displays, low-spatter, polarity reversal (for FCAW) and integral 4-roll wire feed system which accommodates up to 15kg D300 wire spools. This unit can be used to weld mild steel, low-alloy, stainless and aluminium in solid and flux-cored MIG applications. It can also be used for DC MMA welding (DC+/DC-) and scratch-start TIG welding.

The MTS250 control system allows infinitely-variable welding voltage and wire feed speed, burnback control & wire inching in MIG mode. The power source also benefits from 4T/2T torch-latching & spool-on gun selection. Clear volt and amp meters allow welding parameters to be easily monitored during the welding process. The main casing houses a fully enclosed wire feed compartment with a precision 4 roll wire feed block with all four rollers being gear driven and a counter-balanced wire tension system for precision wire feeding.



### Main features

- MIG/TIG/MMA 'multi process'
- MMA & scratch TIG facility
- IGBT technology
- Clear, vibrant LED displays
- Fully enclosed 4 roll wire feeder
- Accommodates 15kg spools
- Euro torch connector
- Reversible polarity
- Optional spool-on gun
- Low power consumption
- Precise welding quality
- Good arc stability and welding performance at low current (40Amps)



Energy  
Efficient



Single  
Phase



DC  
Current



An optional robust trolley is available which can accommodate a full size gas cylinder. A full length carry handle makes the machine easy to move between working locations.

## Technical data

SifWeld MTS250	MIG	MMA
Power voltage (V)	1 ph 230/240v	
Rated duty cycle	250Amps @ 35% 150Amps @ 100%	
Rated power MIG	12.8 KVA	
I Max	45.0Amps	51.0Amps
I eff	26.6Amps	28.0Amps
Wire feed type	Gear Driven 4 Roll	
Protection class	IP21S	
Insulation class	F	
Dimensions (Power source) mm	550 x 290 x 680	
Weight (Power source) kg	35	
Dimensions (Air cooled package) mm	810 x 510 x 1110	
Weight (Air cooled package) kg	78	



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

## Ordering information

Description	Part number
SifWeld MTS250 power source	<b>TSX1D250MTSPS</b>
SifWeld MTS250 package	<b>TSX1D250MTSPKG</b>
SifWeld MTS TIG torch package	<b>TSX3DMTSTIG</b>
SifWeld MTS trolley	<b>TSX3D400MTSTR</b>
SifGun MIG 300 3m	<b>FXMT3003</b>
SifGun spool-on gun MIG torch	<b>TSX1D200SOG</b>

## Consumables

A full range of consumables are available at [www.weldability-sif.com](http://www.weldability-sif.com)

SifMIG SG2	0.7kg	5.0kg	15kg
0.6mm	<b>WA180607</b>	<b>WA180650</b>	<b>WA180615</b>
0.8mm	<b>WA180807</b>	<b>WA180850</b>	<b>WA180815</b>
1.0mm	-	<b>WA181050</b>	<b>WA181015</b>
SifMIG 968	0.7kg	4.0kg	12.5kg
0.8mm	<b>W0960807</b>	<b>W0960840</b>	<b>W0960812</b>
1.0mm	<b>W0961007</b>	<b>W0961040</b>	<b>W0961012</b>
SifSteel 308L	1.0kg	2.5kg	5.0kg
1.6mm	<b>R0331601</b>	<b>R0331625</b>	<b>R0331650</b>
2.4mm	<b>R0332401</b>	<b>R0332425</b>	<b>R0332450</b>
3.2mm	<b>R0333201</b>	<b>R0333225</b>	<b>R0333250</b>
SifTrode 7018-M	2.5kg	5.0kg	
2.5mm	<b>RE752525</b>	<b>RE752550</b>	
3.2mm	<b>RE753225</b>	<b>RE753250</b>	
4.0mm	<b>RE754025</b>	<b>RE754050</b>	
SifTrode 6013-M	2.5kg	5.0kg	
2.5mm	<b>RE652525</b>	<b>RE652550</b>	
3.2mm	<b>RE653225</b>	<b>RE653250</b>	
4.0mm	<b>RE654025</b>	<b>RE654050</b>	



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