

SifWELD®



SifWeld MTS300/400

CE
Approved



MIG/TIG/MMA Industrial Power Sources



TSX1D300MTS
TSX3D400MTS

Professional welding technology

for industry

The SifWeld MTS300 and MTS400 are electronically controlled MIG/TIG/MMA industrial welding packages featuring IGBT inverter technology, clear digital displays, low-spatter, polarity reversal (for FCAW) and 5m standard interconnecting cables, along with an external 4-roll wire feed system which accommodates up to 15kg D300 wire spools.

They are designed for use in heavy-duty fabrication applications such as structural steel and marine/shipyard tasks. These units can be used to weld mild steel, low-alloy, stainless and aluminium in solid and flux-cored MIG applications. They can also be used for DC MMA welding (DC+/DC-) and scratch-start TIG welding.

Controls located on the power source allow adjustment of the welding current, welding voltage, secondary current, 2T/4T latching, gas purge and burnback. 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. MTS400 is available with an optional water cooling unit.



Main features

- MIG/TIG/MMA 'multi process'
- MMA & scratch TIG facility
- IGBT technology
- Clear, vibrant 'LED displays'
- Separate 4 roll wire feed unit
- Accommodates 15kg spools
- Euro torch connector
- Reversible polarity
- Optional integral water cooler
- Low power consumption
- Precise welding quality
- Optimised electronic control



Energy
Efficient



Single
Phase



Three
Phase



DC
Current



The separate, removable wire feed unit offers four gear driven rollers and a counter-balanced wire tension system for precision wire feeding. The wire feed unit houses the wire feed speed, voltage controls and wire-inching feature, to provide you with complete control of your feed rate when used remotely via the interconnecting cables – at up to 10m (optional extra).

Technical data

	SifWeld MTS300	SifWeld MTS400
Power voltage (V)	1 ph 230/240v	3 ph 380/415v
Rated duty cycle	300Amps @ 35% 175Amps @ 100%	400Amps @ 100% -
Rated power MIG	12.8 KVA	18.2 KVA
I Max MIG	45.0Amps	34.0Amps
I Max MMA	51.0Amps	35.0Amps
I eff MIG	26.6Amps	26.0Amps
I eff MMA	28.0Amps	27.0Amps
Wire feed type	Gear Driven 4 Roll	Gear Driven 4 Roll
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (Power source) mm	550 x 290 x 680	550 x 290 x 680
Weight (Power source) kg	33	43
Dimensions (Air cooled package) mm	1270 x 510 x 1110	1270 x 510 x 1110
Weight (Air cooled package) kg	90	100
Dimensions (Water cooled package) mm	-	1510 x 510 x 1110
Weight (Water cooled package) kg	-	120



SifWeld 5 year warranty, subject to annual preventative maintenance. Register your product.

Ordering information

Description	Part number
SifWeld MTS300 power source	TSX1D300MTSPS
SifWeld MTS300 air cooled package	TSX1D300MTSPKG5
SifWeld MTS400 power source	TSX3D400MTSPS
SifWeld MTS400 air cooled package	TSX3D400MTSPKG5
SifWeld MTS wire feed unit	TSX3D400MTSWFU
SifWeld MTS 5m IC cable	TSX3D400MTSIC5
SifWeld MTS trolley	TSX3D400MTSTR
SifWeld MTS TIG torch package	TSX3DMTSTIG
SifGun MIG torch 300 3m	FXMT3003

Consumables

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