

MST

MIG • STICK • TIG Inverter

500X

Duty cycle 60% @ 500Amps

Generator 32kVA

Material • Mild Steel • Brass
• Stainless • Copper
• Aluminium (MIG ONLY)

Plate Thickness Maximum 30mm

MOBILE X

Wire Feeder



OVERVIEW

The Bossweld Mobile 500X is a workshop power house; 500 Amps at 60% duty cycle delivers plenty of power to spare. Coupled with the Mobile X wire feeder ensuring smooth and accurate MIG wire delivery. Being a multi-process machine, it gives the welder the additional choice of Stick Electrode and TIG processes.

KEY FEATURES

- 500 Amp output
- MIG /Stick /TIG welder
- Suitable for heavy industrial
- Digital LED display
- 4 Roll wire drive system
- Synergic control
- Gas /gasless operation
- 2T / 4T trigger latching
- Separate wire feeder
- 10mt interconnecting cable
- Suits D200 (5kg) / D300 (15kg) spools

Primary Input power	Duty Cycle @ 40°C	Open Circuit Voltage	Output Current Range	I Max	I eff	Protection /Insulation Class	Wire Diameter Range	Electrode Diameter Range	Thermal Overload	Minimum KVA	Dimensions/ Weight
3 Phase 415V 50-60 HZ +/-15%	MIG/TIG/MMA 60% @ 500A	MIG 63V TIG/MMA 14V	MIG 40-500Amps MMA / TIG 20-500Amps	MIG 42A TIG 32A MMA 43A	MIG 33A TIG 25A MMA 33A	IP21S / S	0.6mm to 1.6mm	1.6mm to 5.0mm	Yes	32.0	113x151x52cm 105kg

STANDARD WATER-COOLED PACKAGE INCLUSIONS

1. MST 500X Inverter Welder
2. Mobile X Wire Feeder
3. Bossweld Water Cooler 415V
4. Machine Trolley
5. 10M Interconnection Cables
6. 4Mt Ergon BZ501 MIG Torch
7. 5Mt Earth clamp
8. 2Mt Gas Hose
9. Bossweld Twin Gauge Regulator
- Drive Rollers (not shown):
0.8/1.0mm V Groove 30 x 10 x 12mm (fitted)
1.0/1.2mm V Groove 30 x 10 x 12mm
- Operator Manual (not shown)



MACHINE PACKAGE
PART NO: 699500

Note: Primary Plug not fitted. Plug must be fitted by suitably qualified personnel

AIR-COOLED PACKAGE INCLUSIONS

1. MST 500X Inverter Welder
2. Mobile X Wire Feeder
3. Machine Trolley
4. 10M Interconnection Cables
5. 4Mt Ergon BZ36 MIG Torch
6. 5Mt Earth clamp
7. 2Mt Gas Hose
8. Bossweld Twin Gauge Regulator
- Drive Rollers (not shown):
0.8/1.0mm V Groove 30 x 10 x 12mm (fitted)
1.0/1.2mm V Groove 30 x 10 x 12mm
- Operator Manual (not shown)



MACHINE PACKAGE
PART NO: 699510

Note: Primary Plug not fitted. Plug must be fitted by suitably qualified personnel

UPGRADE OPTIONS & ACCESSORIES

A. Bossweld 18F Series Water-Cooled TIG Torch with Current control 4mt	P/N: 95.18F.4.1.CC12A
A. Bossweld 18F Series Water-Cooled TIG Torch with Current control 8mt	P/N: 95.18F.8.1.CC12A
B. Bossweld 26F Series Air Cooled TIG Torch with Current control 4mt	P/N: 95.26F.4.1.CC12A
B. Bossweld 26F Series Air Cooled TIG Torch with Current control 8mt	P/N: 95.26F.8.1.CC12A
C. Bossweld Arc lead set 4mts 35mm cable	P/N: 504435
C. Bossweld Arc lead set 4mts 50mm cable	P/N: 504450
D. Aluminium Upgrade Kit (1.0/1.2mm rollers/4mt Teflon liner)	P/N: 699580
E. Bossweld Argon Regulator Dual stage (side entry)	P/N: 400209
F. AS Approved 10A 3 Phase plug	P/N: 600608
F. AS Approved 20A 3 Phase plug	P/N: 600609
F. AS Approved 32A 3 Phase plug (recommended)	P/N: 600610
- Bossweld Water Cooler Coolant Liquid 5L (not shown)	P/N: 600906

For other drive rollers available for this model please see page 30

