



WELDING

TOP
GUN

SUPPLIES

COMMANDER SERIES

COMMANDER 2000

SYNERGIC PULSE MIG
AC/DC TIG
STICK/MMA

COMMANDER 2100

SYNERGIC PULSE MIG
HF DC TIG
STICK/MMA

COMMANDER 2400

SYNERGIC PULSE MIG
AC/DC TIG
STICK/MMA





SYNERGIC PULSE MIG WELDING EXPLAINED

Synergic Pulse MIG Welding links the pulse welding parameters to the wire feed speed to achieve optimum welding conditions across the full range of wire feed speed for a given wire size.

- The welding pulse profile is a combination of pulse height, pulse width, pulse frequency and background power – all these parameters are linked via the micro-processor to give the correct arc energy.
- This arc energy is then matched to a wire feed speed that gives an acceptable arc length and the best welding conditions for the chosen gas mixture, wire diameter and material type combination.
- The synergic Single Touch Control knob adjusts the arc energy over the available current range of the power source, while maintaining approximately the same arc length. An additional choke knob is also provided to allow the user to tune in the arc length for the particular welding job.
- Pulsed weld current facilitates exact control over the transfer of molten metal droplets across the welding arc.
- As the weld current is pulsed, each droplet is forced off the end of the wire and projected across the arc into the weld pool. Varying the pulse height and frequency allows the size and time of the transferring droplet to be accurately controlled.
- The pulsed droplet transfer produces a spray-like arc over the entire current range, with a smooth, stable weld current producing no spatter and an even weld bead shape.

PERFECT STARTS

An amplified power level is applied to the welding arc at the beginning of the weld bead to ensure that start defects are a thing of the past.

NO MORE SPATTER

Micro-processor control of wire speed, weld current and voltage, in conjunction with synergic (non-pulse)/synergic pulse programs, ensures precise control and adjustment for the duration of the welding process. This eliminates spatter, and downtime for cleaning the workpiece. With its ability to adjust in milliseconds, the synergic SYN series provides clean, spatter-free operation from start to finish, every single time.

NO MORE SPATTER

Droplets of molten filler metal are transferred across the arc by expertly tailored current pulse parameters – to achieve spatter-free welding for the selected gas/wire/material combination. The pulse forces the droplet off the end of the wire, transfers it across the arc and into the weld pool. The program is optimised to vary the pulse height and frequency, thus ensuring that the size and time of the transferring droplet is accurately controlled. This produces a spray-like arc over the entire welding power range.



COMMANDER 2000 AC/DC TIG PULSE MIG



- Synergic Pulse DC Mig (GMAW)
- Synergic Pulse AC/DC Tig (GTAW)
- Stick (MMA)

FEATURES

SYNERGIC PARAMETERS

Fully synergic functionality allows the operator to effortlessly use preset welding parameters with just the selection of their chosen material, wire, and thickness.

5" LCD Colour Screen

User friendly digital interface allowing the operator to read and change settings with ease.

TECHNICAL DATA	
Part Number	TGWMIG2000ACDC
Primary Input Voltage	240V Single Phase
Supply Plug	15A
I _{eff} (A)	8.8 / 13.7
Rated Output	40A/16V - 200A/24V
Protection Class	IP23S
Insulation Class	H
Minimum Generator (kVA)	10
Dinse Connector	35/50
Standard	AS/NZ60974-1
VRD	Yes
Warranty	3 Years
Machine Weight	31.5 kg
Machine Dimensions	600 x 500 x 270
Package Weight	52 kg
Package Dimensions	745 x 650 x 420

Package Includes

Users Manual, 4 MTR MB36 Euro-Fit Mig Torch, 4 MTR Tig 26 Torch with Thumbwheel Control, 5 MTR Earth Lead with 500A Clamp, 5 MTR Electrode Holder Lead, 2 MTR PVC Gas Hose with Quick Disconnect, 0.8mm - 0.9mm "V" Steel Roller Set, 1.0mm - 1.2mm "V" Steel Roller Set, 0.8mm - 0.9mm "K" Flux Cored Rollers, 1.0mm - 1.2mm "K" Flux Cored Rollers, 0.8mm - 0.9mm "U" Aluminium Rollers, 1.0mm - 1.2mm "U" Aluminium Rollers, Fitted Single Phase 15A Plug, Twin Gauge Argon Regulator.



Spool Gun Ready

Fully equipped with Spool Gun capabilities, welding softer wires such as Aluminium MIG wire with a Top Gun Spool Gun is as simple as plugging it in.

Fitted VRD

This machine comes fully fitted with a mine-site compliant, Voltage Reduction Device.

MIG SPECIFICATIONS	
Mig Welding Current Range	40A - 200A
Mig Duty Cycle @40°C	30% @ 200A 60% @ 160A 100% @ 120A
Mig Wire Size Range	0.8mm - 1.2mm
Mig Wire Spool Size	1 kg / 5 kg

TIG SPECIFICATIONS	
Tig Function Type	AC/DC
Tig Welding Current	10A - 200A
Tig Duty Cycle @40°C	20% @ 200A 100% @ 89A

STICK SPECIFICATIONS	
Stick Welding Current Range	10A - 200A
Stick Duty Cycle @40°C	20% @ 200A 100% @ 120A
Stick Electrode Range	2.5mm - 4.0mm

COMMANDER 2100 HF DC TIG PULSE MIG



- Synergic Pulse Mig (GMAW)
- High Frequency (HF) DC Tig (GTAW)
- Stick (MMA)



FEATURES

SYNERGIC PARAMETERS

Fully synergic functionality allows the operator to effortlessly use preset welding parameters with just the selection of their chosen material, wire, and thickness.

5" LCD Colour Screen

User friendly digital interface allowing the operator to read and change settings with ease.

Spool Gun Ready

Fully equipped with Spool Gun capabilities, welding softer wires such as Aluminium MIG wire with a Top Gun Spool Gun is as simple as plugging it in.

Fitted VRD

This machine comes fully fitted with a mine-site compliant, Voltage Reduction Device.

TECHNICAL DATA

Part Number	TGWMIG2100DCHF
Primary Input Voltage	240V Single Phase
Supply Plug	15A
I _{eff} (A)	16.3 / 25.3
Rated Output	40A/16V - 210A/24.5V
Protection Class	IP23S
Insulation Class	H
Minimum Generator (kVA)	10
Dinse Connector	35/50
Standard	AS/NZ60974-1
VRD	Yes
Warranty	3 Years
Machine Weight	13.5 kg
Machine Dimensions	460 x 215 x 375
Package Weight	18.5 kg
Package Dimensions	520 x 290 x 490

MIG SPECIFICATIONS

Mig Welding Current Range	40A - 210A
Mig Duty Cycle @40°C	40% @ 210A 60% @ 172A 100% @ 133A
Mig Wire Size Range	0.8mm - 1.2mm
Mig Wire Spool Size	1 kg / 5 kg

TIG SPECIFICATIONS

Tig Function Type	HF DC
Tig Welding Current	10A - 200A
Tig Duty Cycle @40°C	40% @ 200A 100% @ 126A

STICK SPECIFICATIONS

Stick Welding Current Range	10A - 200A
Stick Duty Cycle @40°C	40% @ 200A 100% @ 126A
Stick Electrode Range	2.5mm - 4.0mm

Package Includes

Users Manual, 4 MTR MB26 Euro-Fit Mig Torch, 4 MTR Tig 26 Torch with Thumbwheel Control, 4 MTR Earth Lead, 4 MTR Tong Type Electrode Holder Lead, 2 MTR PVC Gas Hose with Quick Disconnect, 0.8mm - 0.9mm "V" Steel Roller Set, 1.0mm - 1.2mm "V" Steel Roller Set, 0.8mm - 0.9mm "K" Flux Cored Roller Set, 1.0mm - 1.2mm "K" Flux Cored Roller Set, 0.8mm - 0.9mm "U" Aluminium Roller Set, 1.0mm - 1.2mm "U" Aluminium Roller Set, Fitted Single Phase 15A Plug, Twin Gauge Argon Regulator.

COMMANDER 2400 AC/DC TIG PULSE MIG



- Synergic Pulse DC Mig (GMAW)
- Synergic Pulse AC/DC Tig (GTAW)
- Stick (MMA)

FEATURES

SYNERGIC PARAMETERS

Fully synergic functionality allows the operator to effortlessly use preset welding parameters with just the selection of their chosen material, wire, and thickness.

5" LCD Colour Screen

User friendly digital interface allowing the operator to read and change settings with ease.

TECHNICAL DATA	
Part Number	TGWMIG2400ACDC
Primary Input Voltage	240V Single Phase
Supply Plug	15A
I _{eff} (A)	8.8 / 15.3
Rated Output	40A/16V - 240A/26V
Protection Class	IP23S
Insulation Class	H
Minimum Generator (kVA)	10
Dinse Connector	35/50
Standard	AS/NZ60974-1
VRD	Yes
Warranty	3 Years
Machine Weight	31.5 kg
Machine Dimensions	600 x 500 x 270
Package Weight	52 kg
Package Dimensions	745 x 650 x 420

Package Includes

Users Manual, 4 MTR MB36 Euro-Fit Mig Torch, 4 MTR Tig 26 Torch with Thumbwheel Control, 5 MTR Earth Lead with 500A Clamp, 5 MTR Electrode Holder Lead, 2 MTR PVC Gas Hose with Quick Disconnect, 0.8mm - 0.9mm "V" Steel Roller Set, 1.0mm - 1.2mm "V" Steel Roller Set, 0.8mm - 0.9mm "K" Flux Cored Rollers, 1.0mm - 1.2mm "K" Flux Cored Rollers, 0.8mm - 0.9mm "U" Aluminium Rollers, 1.0mm - 1.2mm "U" Aluminium Rollers, Fitted Single Phase 15A Plug, Twin Gauge Argon Regulator.



Spool Gun Ready

Fully equipped with Spool Gun capabilities, welding softer wires such as Aluminium MIG wire with a Top Gun Spool Gun is as simple as plugging it in.

Fitted VRD

This machine comes fully fitted with a mine-site compliant, Voltage Reduction Device.

MIG SPECIFICATIONS	
Mig Welding Current Range	40A - 240A
Mig Duty Cycle @40°C	20% @ 240A 60% @ 160A 100% @ 120A
Mig Wire Size Range	0.8mm - 1.2mm
Mig Wire Spool Size	1 kg / 5 kg

TIG SPECIFICATIONS	
Tig Function Type	AC/DC
Tig Welding Current	10A - 200A
Tig Duty Cycle @40°C	20% @ 200A 100% @ 89A

STICK SPECIFICATIONS	
Stick Welding Current Range	30A - 200A
Stick Duty Cycle @40°C	20% @ 200A 100% @ 120A
Stick Electrode Range	2.5mm - 4.0mm

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SCAN HERE