

CIGWELD

AN **ESAB** BRAND

CIGWELD WELDING AND CUTTING CATALOGUE



CUTTING & WELDING RANGE

CIGWELD

AN ESAB BRAND

CIGWELD is the major brand of cutting and welding products in Australia, New Zealand, Near Pacific and South Asia. Along with the CIGWELD brand, CIGWELD also promotes other leading global brands in the Asia Pacific region. These market leading names include Thermal Dynamics, Arcair, Tweco and Stooddy.

CIGWELD

AN ESAB BRAND

The CIGWELD brand includes an extensive range of gas cutting and welding equipment, welding safety products and welding consumables suitable for a wide range of industry segments including heavy fabrication, construction, mining, manufacturing, shipbuilding, repair or maintenance, farming and DIY.

THERMAL DYNAMICS

AN ESAB BRAND

THERMAL DYNAMICS is the name behind manual and automated plasma systems, torches and consumables. They make innovative products such as the Cutmaster TRUE series manual plasma systems, and the Autocut and Ultracut range of conventional and high precision automated plasma cutting systems.

ARCAIR

AN ESAB BRAND

The Arcair brand is home of products such as carbon arc gouging systems, exothermic arc cutting systems, underwater cutting torches, welding electrodes and more! Arcair provides a complete line of air-carbon arc products for the wide-ranging gouging needs of fabrication plants, shipyards, railroads and farms.

TWECO

AN ESAB BRAND

With over 70 years of experience in the design and manufacture of welding guns, accessories and consumables, TWECO is a market leader in manual and semiautomatic welding accessories. The TWECO 4 range of MIG welding guns is the first choice for Professional MIG welding operators around the world.

STOODY

AN ESAB BRAND

When it comes to hardfacing and special purpose welding consumables, STOODY is number one. Experts in the development and manufacture of low to high alloy hardfacing wires, STOODY have a high productivity solution for every repair and maintenance application. They cover many industries including cement & steel production, mining, quarrying and earth moving.

CIGWELD VISION: We are dedicated to creating an enduring premier global enterprise built on a unique business culture that achieves success for our customers. This involves doing all things with integrity, respect, and candor, with a deep commitment to excellence to associates and customers as our foundation, to provide consistent delivery of world-class performance in welding & cutting solutions. In keeping with the company vision, the company's core brands in Asia Pacific; CIGWELD, ARCAIR, TWECO, STOODY & THERMAL DYNAMICS offer innovative product solutions to enhance the end users welding and cutting experience.

Product safety and quality are essential, particularly as markets move to lower cost products. CIGWELD global research and development team are using rigorous in-house programs to ensure that new products planned for release exceed operator safety and performance requirements while still achieving the necessary price points required to be competitive. The CIGWELD portfolio of brands, continue to lead the market place in quality welding and cutting solutions in a commitment to satisfy the end users ever-evolving needs.

WARRANTY PROCESS

STEP 1

Store to assess product
at store

Customer to bring product in to store
for evaluation.

Is the unit still under warranty?

Refer to operating manual for warranty
period or contact our Technical Team on
1300 654 674 (opt 2 for assistance)

Do you have Proof of Purchase?

This is required when claiming
under warranty

STEP 2

If you have
any uncertainty

Store to contact technical team to
ensure the unit is under warranty

Contact our Technical Team on
1300 654 674 opt 2 for assistance

STEP 3

If Under
Warranty

Store to have goods ready
for collection?

Ensure the unit is packed well
to avoid damage in transit

Contact Tech Services
1300 654 674 opt 2 for tech team

Store to fill out the Warranty Form

Email filled out Warranty Form
and POP (Proof of Purchase) to:

03 9474 7391

cigweld.technical@cigweld.com.au

Once the warranty form /document is
received by Cigweld Technical team, the
Technical team will make contact with the
store either by phone or e mail.



“solving end-user problems with branded
solutions in cutting, welding and gas control.”

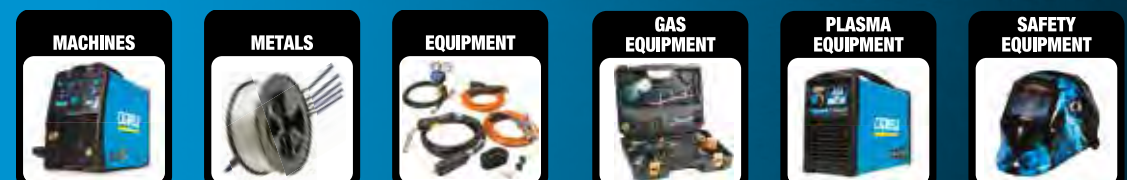


INDEX

PRODUCT NAME	POWER SUPPLY / ENERGY SOURCE	WELDING OR CUTTING PROCESS					PAGE NO
		MIG	STICK	TIG	PLASMA	OXY-FUEL	
WELDSKILL® 140 Welding Inverter	240V x 10A		☑	☑			10
WELDSKILL® 180 Welding Inverter	240V x 15A		☑	☑			12
WELDSKILL® 200HF Welding Inverter	240V x 15A		☑	☑			14
WELDSKILL® 205 AC/DC Multi Process Welding Inverter	240V x 15A		☑	☑			16
WELDSKILL® 135 Mig Welder	240V x 10A	☑					18
WELDSKILL® 150 Mig Welder	240V x 15A	☑					20
WELDSKILL® 250 Compact Mig Welder	240V x 15A	☑					22
WELDSKILL® 350 Compact Mig Welder	415V x 20A	☑					24
WELDSKILL® 135 Multi Process Welding Inverter	240V x 10A	☑	☑				26
WELDSKILL® 155 Multi Process Welding Inverter	240V x 10A	☑	☑	☑			28
WELDSKILL® 185 Multi Process Welding Inverter	240V x 10A	☑	☑	☑			32
TRANSMIG® 175i+ Multi Process Welding Inverter	240V x 15A	☑	☑	☑			36
TRANSMIG® 185 Ultra Multi Process Welding Inverter	240V x 10A	☑	☑	☑			40
TRANSMIG® 220i Multi Process Welding Inverter	240V x 15A	☑	☑	☑			44
TRANSMIG® 255i Multi Process Welding Inverter	240V x 15A	☑	☑	☑			48
TWECO® Spool Gun suitable for Soft Wire welding	240V x 10A	☑					52
CUTSKILL® 35 Inverter Plasma Cutter	240V x 10A				☑		54
CUTSKILL® 45 Inverter Plasma Cutter	240V x 15A				☑		56
CUTSKILL® 60 Inverter Plasma Cutter	240V x 25A				☑		58
CUTSKILL® Tradesman Oxy-Acetylene Cutting & Welding Kit	Oxy-Acet					☑	60
CUTSKILL® Tradesman Plus Oxy-Acetylene Cutting & Welding Kit	Oxy-Acet					☑	62
CUTSKILL® Tradesman Oxy-LPG Cutting & Brazing Kit	Oxy-LPG					☑	64
CUTSKILL® Tradesman Plus Oxy-LPG Cutting & Brazing Kit	Oxy-LPG					☑	66
CUTSKILL® Blowpipe, Cutting Accessories and Regulators	Oxy-Fuel					☑	68
WELDSKILL® Auto-Darkening Welding Helmet	Solar & Battery	☑	☑				70
PROLITE™ Auto-Darkening Welding Helmet	Solar & Battery	☑	☑	☑			72
PROPLUS™ Auto-Darkening Welding Helmet	Solar & Battery	☑	☑	☑	☑	☑	74
Safety Equipment & Accessories		☑	☑	☑	☑	☑	76
Filler Metals Selection Chart		☑	☑	☑	☑	☑	78

MACHINE	PLUG	PROCESS	OUTPUT	DUTY CYCLE	GENERATOR SIZE	GAS OR AIR REQUIRED	COMPRESSOR SIZE	MILD STEEL	ALUMINIUM	STAINLESS STEEL
WELDSKILL 140 P/N: W1008140 STICK/TIG 	 240V 10A	DC ARC, DC LIFT TIG	5-140A	 140A @ 20%	 8KVA	NOT REQUIRED	NA	 UP TO 6 MM	NA	 UP TO 6 MM
WELDSKILL 180 P/N: W1008180 STICK/TIG 	 240V 15A	DC ARC & DC LIFT TIG	5-180A	 180A @ 20%	 9KVA	NOT REQUIRED	NA	 12 MM	NA	 12 MM
WELDSKILL 200HF P/N: W1008200 STICK/TIG 	 240V 15A	DC ARC, DC LIFT & DC HF TIG	5-180A ARC 5-200A DC-TIG	 ARC 180A @ 20% TIG 200A @ 30%	 9.5KVA	ARGON 99.95%	NA	 12 MM	NA	 12 MM
WELDSKILL 205 AC/DC P/N: W1008205 STICK/TIG 	 240V 15A	DC ARC, AC & DC HF TIG [ALUMINIUM]	10-160A ARC 10-205A TIG	 ARC 160A @ 20% TIG 205A @ 20%	 10KVA	ARGON 99.95%	NA	 10 MM	 8 MM [TIG ONLY]	 10 MM
WELDSKILL 135 INVERTER P/N: W1008135 MIG/STICK 	 240V 10A	MIG & DC ARC	30-155A	 155A @ 15%	 8KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 4 MM	NA	 3 MM
WELDSKILL 155 P/N: W1008155 MIG/STICK/TIG 	 240V 10A	MIG, DC ARC & DC LIFT TIG	30-155A	 155A @ 15%	 8KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 6 MM	 4 MM [MIG ONLY]	 6 MM
WELDSKILL 185 P/N: W1008185 MIG/STICK/TIG 	 240V 10A	MIG, DC ARC & DC LIFT TIG	30-185A	 185A @ 10%	 10KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 8 MM	 6 MM [MIG ONLY]	 8 MM
WELDSKILL 135 P/N: W1004135 MIG 	 240V 10A	MIG ONLY	38-135A	 120A @ 10%	 6.5KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 5 MM	NA	 5 MM
WELDSKILL 150 P/N: W1004150 MIG 	 240V 15A	MIG ONLY	41-150A	 130A @ 10%	 7KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 6 MM	 4 MM	 6 MM

THE BIGGEST RANGE AND THE BEST QUALITY,
WITH GUARANTEED PERFORMANCE



MACHINE	PLUG	PROCESS	OUTPUT	DUTY CYCLE	GEN. SIZE	GAS OR AIR REQUIRED	COMPRESSOR SIZE	MILD STEEL	ALUMINIUM	STAINLESS STEEL
TRANSMIG 175I+ P/N: W1005185 MIG/STICK/TIG 	 240V 15A	MIG, DC ARC & DC LIFT TIG	5-185A	 185A @ 20%	 9.5KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 8 MM	 8 MM [MIG ONLY]	 8 MM
TRANSMIG 185 ULTRA P/N: W6185 MIG/STICK/TIG 	 240V 10A	MIG, DC ARC & DC LIFT TIG	30-185A	 185A @ 20% MIG	 10KVA	ARGON + 5% CO ₂ + 2% O ₂ FOR STEEL	NA	 8 MM	 6 MM [MIG ONLY]	 8 MM
TRANSMIG 220I P/N: W1005220 MIG/STICK/TIG 	 240V 15A	MIG, DC ARC & DC LIFT TIG	5-220A	 220A @ 25%	 10KVA	ARGON + 10-18% CO ₂ FOR STEEL	NA	 12 MM	 10 MM [MIG ONLY]	 12 MM
TRANSMIG 255I P/N: W1005255 MIG/STICK/TIG 	 240V 15A	MIG, DC ARC & DC LIFT TIG	5-255A [^]	 255A @ 20% MIG	 10KVA	ARGON + 10-18% CO ₂ FOR STEEL	NA	 16MM	 12 MM [MIG ONLY]	 14MM
WELDSKILL 250 P/N: W1004500 MIG 	 240V 15A	MIG	50-270A [^]	 250A @ 20%	 13KVA	ARGON + 10-18% CO ₂ FOR STEEL	NA	 12 MM	 10 MM	 12 MM
WELDSKILL 350 P/N: W1004600 MIG 	 415V 20A	MIG	35-380A	 350A @ 30%	 18KVA	ARGON + 10-18% CO ₂ FOR STEEL	NA	 16 MM	 12 MM	 16MM
CUTSKILL 35 P/N: 1-1601-30 PLASMA 	 240V 10A	PLASMA CUTTING	35A	 35A @ 35%	 8KVA	AIR 730KPA 110LPM	12CFM	 12 MM	 8MM	 10MM
CUTSKILL 45 P/N: 1-1601-40 PLASMA 	 240V 15A	PLASMA CUTTING	45A	 45A @ 35%	 9KVA	AIR 730KPA 110LPM	12CFM	 16 MM	 10MM	 12MM
CUTSKILL 60 P/N: 1-1601-60 PLASMA 	REFER TO OPERATING MANUAL	PLASMA CUTTING	60A	 60A @20% [^]	 15KVA	AIR 800KPA 110LPM	12CFM	 20 MM	 12 MM	 14 MM

[^] Refer to Operating Manual

WE RECOMMEND GENUINE CIGWELD PRODUCTS

WeldSkill 140



The CIGWELD WeldSkill 140 Inverter is a 240 Volt single phase welding machine designed specifically for the budget conscious user. Utilising advanced inverter technology, the unit offers superior arc characteristics on a range of welding electrodes from 2.0 to 3.2mm diameter. The unit also features a DC lift TIG function that provides smooth starting and running characteristics across a broad range of applications.

Part No: W1008140
WELDSKILL 140 Inverter

STICK

TIG

3
YEAR*

UP TO 6mm
PLATE THICKNESS

240V 10A

DETAILS



9 310574 057142

Power Source Weight	4.7kg
Plant (Package) Weight	10.1kg
Power Source Dimensions	H 200mm W 120mm D 315mm

PACKAGE CONTENTS

WeldSkill 140 Welder Plant

- Rugged case with carry handle and carry strap.
- 4m Long Electrode Holder & Work Leads.
- Twistlock Electrode Holder. Allows the electrode to be locked securely in place.
- Full image of plant pictured above

SPECIFICATIONS

Toolbox Plant Part No	W1008140
Power Source Dimensions	H200mm x W120mm x D315mm
Power Source Mass	4.7 KG
Cooling	Fan Cooled
Welder Type	Stick and Lift TIG Multi Process Inverter Power Source
Australian Standard	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC $\pm$ 10%
Nominal Supply Frequency	50/60 Hz
Welding Current Range	10 - 140 A
Nominal DC Open Circuit Voltage	80 V
Factory Fitted Supply Plug Rating	10 Amps
Effective Input Current (I _{leff}) refer Note 2	10 Amps
Maximum Input Current (I _{lmax})	26.3 Amps
Minimum Single Phase Generator Recommendation (refer Note 4)	6.0 kW (7.5 kVA @ 0.8 PF)
STICK (MMAW) Welding Output, 40°C, 10 min.	140 A @ 15%, 25.6 V 75A @ 60%, 23.0 V 58 A @ 100%, 22.3 V
TIG (GTAW) Welding Output, 40°C, 10 min.	140 A @ 40%, 15.6 V 115 A @ 60%, 14.6 V 90 A @ 100%, 13.6 V
Protection Class	IP21S

*Refer to operating manual for further details.

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42525	250A Lead Set 4M - 25mm Plug
2	646215	Chipping Hammer Spring Handle
3	646142	Twist Lock Electrode Holder 400A
4	CEH250TL	250Amp Twistlock Electrode Holder
5	CEH400TL	Twist Lock Electrode Holder 400A
6	646348	Work Clamp 200A - Heavy Duty
7	CWC200	Work Clamp 200A - Heavy Duty
8	W4011501	Equipment Trolley



250Amp Twistlock Electrode Holder
Part No: CEH250TL

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

STAINLESS STEEL

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W7003006	Tig torch 3m c/w - gas valve, 25mm dinse, gas hose, & Accessories kit
2	210254	Weldskill Argon Regulator
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long
10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk

14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

STAINLESS STEEL



Tig torch
Part No: W7003006



Weldskill Argon
Regulator
Part No: 210254

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

WeldSkill 180



The CIGWELD WeldSkill 180 Inverter is the big brother to the WeldSkill 140 Amp model. This unit is a 240 Volt single phase welding machine with increased output and duty cycles for more demanding applications. Utilising advanced inverter technology, the unit offers superior arc characteristics on a range of welding electrodes from 2.0 to 4.0mm diameter. The unit also features a DC lift TIG function that provides smooth starting and running characteristics across a broad range of applications.

Part No: W1008180
WELDSKILL 180 Inverter

STICK

TIG

3
YEAR*

UP TO 12mm
PLATE THICKNESS

240V 15A

DETAILS



9 310574 062450

Power Source Weight **5.8kg**
Plant (Package) Weight **11.3kg**
Power Source Dimensions **H 220mm
W 130mm
D 340mm**

PACKAGE CONTENTS

WeldSkill 180 Welder Plant

- WeWeldSkill 180 Power Source
- Shoulder Strap
- 4m Twistlock Electrode Holder Lead
- Toolbox
- 4m Work Lead
- Full image of plant pictured above

*Refer to operating manual for further details.

SPECIFICATIONS

Toolbox Plant Part No	W1008180
Power Source Dimensions	H220mm x W130mm x D340mm
Power Source Mass	5.8 KG
Cooling	Fan Cooled
Welder Type	Stick and Lift TIG Multi Process Inverter Power Source
Australian Standard	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC $\pm$ 10%
Nominal Supply Frequency	50/60 Hz
Welding Current Range	10 - 180 A
Nominal DC Open Circuit Voltage	78 V
Factory Fitted Supply Plug Rating	15 Amps
Effective Input Current (I _{1eff}) refer Note 2	15 Amps
Maximum Input Current (I _{1max})	33.8 Amps
Minimum Single Phase Generator Recommendation (refer Note 4)	7.6 kW (9.5 kVA @ 0.8 PF)
STICK (MMAW) Welding Output, 40°C, 10 min.	180 A @ 20%, 27.2 V 110 A @ 60%, 24.4 V 90 A @ 100%, 23.6 V
TIG (GTAW) Welding Output, 40°C, 10 min.	180 A @ 50%, 17.2 V 165 A @ 60%, 16.6 V 130 A @ 100%, 15.2 V
Protection Class	IP21S

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646215	Chipping Hammer Spring Handle
3	646142	Twist Lock Electrode Holder 400A
4	CEH250TL	250Amp Twistlock Electrode Holder
5	CEH400TL	Twist Lock Electrode Holder 400A
6	646348	Work Clamp 200A - Heavy Duty
7	CWC200	Work Clamp 200A - Heavy Duty
8	W4011501	Equipment Trolley



250Amp Twistlock Electrode Holder
Part No: CEH250TL

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	5316234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

STAINLESS STEEL

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W7003021	Tig torch 3m c/w - gas valve, 50mm dinse, gas hose, & Accessories kit
2	210254	Weldskill Argon Regulator
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long
10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk

14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

STAINLESS STEEL

Tig torch
Part No: W7003021



Weldskill Argon Regulator
Part No: 210254

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	ProLite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

WeldSkill 200 HF



The CIGWELD WeldSkill 200HF Inverter is a 240 Volt single phase welding machine fitted with HF Start in TIG mode. This unit is a 240 Volt single phase welding machine with increased output and duty cycles for more demanding applications. Utilising advanced inverter technology, the unit offers superior arc characteristics on a range of welding electrodes from 2.0 to 4.0mm diameter. The unit also features a DC lift TIG function that provides smooth starting and running characteristics across a broad range of applications.

Part No: W1008200
WELDSKILL 200HF Inverter

STICK

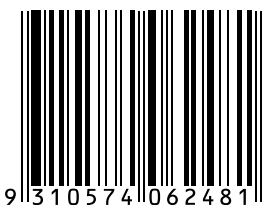
TIG

3
YEAR*

UP TO 12mm
PLATE THICKNESS

240V 15A

DETAILS



Power Source Weight **8.2kg**
Plant (Package) Weight **17.2kg**
Power Source Dimensions **H 245mm
W 145mm
D 420mm**

PACKAGE CONTENTS

WeldSkill 200HF Welder Plant

- Weldskill 200 HF Inverter
- Toolbox c/w leadset 5m
- Tig torch with gas valve & on/off switch
- Regulator/Flowmeter
- Tig accessories kit
- Gas Hose

*Refer to operating manual for further details.

SPECIFICATIONS

Toolbox Plant Part No	W1008200
Power Source Dimensions	H245mm x W145mm x D420mm
Power Source Mass	8.2 KG
Cooling	Fan Cooled
Welder Type	HF TIG, Lift TIG and Stick Multi Process Inverter Power Source
Australian Standard	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240 VAC $\pm$ 10%
Nominal Supply Frequency	50/60 Hz
Welding Current Range	10 - 200 A
Nominal DC Open Circuit Voltage	10 - 180 A
Factory Fitted Supply Plug Rating	75 V
Effective Input Current (I _{eff}) refer Note 2	15 Amps
Maximum Input Current (I _{1max})	15 Amps
Minimum Single Phase Generator Recommendation (refer Note 4)	33.9 Amps
STICK (MMAW) Welding Output, 40°C, 10 min.	"7.6 kW (9.5 kVA at 0.8 PF) "
TIG (GTAW) Welding Output, 40°C, 10 min.	180 A @ 20%, 27.2 V 110 A @ 60%, 24.4 V 90 A @ 100%, 23.6 V 200 A @ 30%, 18.0 V 155 A @ 60%, 16.2 V 130 A @ 100%, 15.2 V
Protection Class	IP21S

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646215	Chipping Hammer Spring Handle
3	646142	Twist Lock Electrode Holder 400A
4	CEH250TL	250Amp Twistlock Electrode Holder
5	CEH400TL	Twist Lock Electrode Holder 400A
6	646348	Work Clamp 200A - Heavy Duty
7	CWC200	Work Clamp 200A - Heavy Duty
8	W4011501	Equipment Trolley

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

STAINLESS STEEL

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4014604	Tig Torch 4M
2	210254	Weldskill Argon Regulator
3	BGSAK2	Tig Torch Accessory Kit
4	W7004913	Gas Hose
6	646363	Wire Brush 4 row straight steel bristles
7	321918	Chromebright Pickling Paste, 2.5kg Bottle=1ea

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm

9	BG57Y02/R	Back Cap Long
10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

STAINLESS STEEL

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	ProLite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

WeldSkill 205 AC/DC



The CIGWELD WeldSkill 205 AC DC TIG Welder has taken the same great features and robust power from its predecessor and compacted it down into a smaller, lighter and more portable TIG Inverter that weighs a slight 12kg.

The 205 AC DC TIG Welder is a 15 Amp 240 volt, digitally controlled, High Frequency AC/DC TIG (GTAW) and Stick (MMAW) inverter. This unit is specifically designed for the budget conscious user who doesn't want to sacrifice on quality or weld results. With its compact casing and IP23S rating the 205 AC/DC is ideal for indoor or outdoor use around the workshop and is easy to carry and manoeuvre into hard to reach places when doing light fabrication and maintenance of mild steels, stainless steels and aluminium.

Part No: W1008205
WELDSKILL 205 AC/DC Inverter

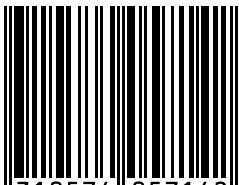
3
YEAR*

UP TO 10mm
PLATE THICKNESS

240V 15A

STICK
TIG

DETAILS



9 310574 057142

Power Source Weight **12kg**
Plant (Package) Weight **22.5kg**
Power Source Dimensions **H 324mm
W 176mm
D 430mm**

PACKAGE CONTENTS

WeldSkill 205 AC/DC Welder Plant

- WeldSkill 205acdc power source,
- Tig torch c/w on/off remote control,
- Gas hose kit,
- Tig torch accessories kit,
- lead set 400A 5m,
- regulator/Flowmeter

SPECIFICATIONS

Power Source Weight	12kg
Plant (Package) Weight	22.5kg
Power Source Dimensions	H 324mm x W 176mm x D 430mm
Cooling	Fan Cooled
Welder Type	Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	1
Nominal Supply Voltage	240V +/- 15%
Nominal Supply Frequency	50/60Hz
Welding Current Range (STICK Mode)	10 – 160A
Welding Current Range (TIG Mode)	10 - 205A
Effective Input Current (I _{1eff})	15A
Factory Fitted Supply Plug Rating	15A

Maximum Input Current (I _{1max})	34A
Single Phase Generator Requirement	10kVA (at 0.8 power factor) 8kW (at 1.0 power factor)
Output Terminal Type	Dinse™ Style 50
HF TIG Welding Output, 40°C, 10 min.	205A @ 20%, 18.2V 120A @ 60%, 14.8V 95A @ 100%, 13.8V
Open Circuit Voltage	63V
Stick Welding Output, 40°C, 10 min.	160A @ 20%, 26.4V 90A @ 60%, 23.6V 70A @ 100%, 22.8V
Open Circuit Voltage (VRD On)	<35V
Open Circuit Voltage (VRD Off)	63V
Protection Class	IP23S

*Refer to operating manual for further details.

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646215	Chipping Hammer Spring Handle
3	646142	Twist Lock Electrode Holder 400A
4	CEH250TL	250Amp Twistlock Electrode Holder
5	CEH400TL	Twist Lock Electrode Holder 400A
6	646348	Work Clamp 200A - Heavy Duty
7	CWC200	Work Clamp 200A - Heavy Duty
8	W4011501	Equipment Trolley

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4014605	Tig Torch 8M
2	W4015800	Foot Control c/w 7.6m lead & 8Pin plug
3	210254	Weldskill Argon Regulator
4	BGSAK2	Tig Torch Accessory Kit
5	W7004913	Gas Hose
6	646363	Wire Brush 4 row straight steel bristles
7	321918	Chromebright Pickling Paste, 2.5kg Bottle=1ea

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long
10	BG57Y04/R	Back Cap Short

11	699864	Zirconiated Tungsten (White) 1.6mm 2pcs/Pk
12	699865	Zirconiated Tungsten (White) 2.4mm 2pcs/Pk
13	699866	Zirconiated Tungsten (White) 1.6mm 10pcs/Pk
14	699867	Zirconiated Tungsten (White) 2.4mm 10pcs/Pk
15	699868	Zirconiated Tungsten (White) 3.2mm 10pcs/Pk
16	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
17	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
18	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
19	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
20	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321641	Comweld AL5356 1.6mm, 2.5kg/Pk
4	321642	Comweld AL5356 2.4mm, 2.5kg/Pk
5	321400	Comweld 316L 1.6mm, 5kg/Pk
6	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

WeldSkill 135

The CIGWELD WeldSkill 135 MIG is a single phase compact power source designed specifically for handymen or tradesmen that require high quality welding performance. This constant voltage power source provides excellent arc performance with solid or flux cored welding wires. It is ideal for welding a wide range of materials including stainless/mild steels and aluminium, and is suitable for the welding of mild steel up to 5mm thick (when used with appropriate consumables).

Part No: W1004135
WELDSKILL 135 Mig Welder

MIG

1
YEAR*

UP TO 5mm
PLATE THICKNESS

240V 10A



DETAILS



Power Source Weight	20.0kg
Plant (Package) Weight	25.0kg
Power Source Dimensions	H 375mm W 245mm D 420mm

SPECIFICATIONS

Input Voltage	240 Volts, +/- 15% (10A plug)
Input Frequency	50 Hz
Generator requirement	6.5 kVA
Output range	38 – 120 amps (100A max)
Rated Output @ Duty Cycle	120A/20.0V @ 10%
Dimensions (HxWxD) mm	375H x 245W x 420Dmm
Weight (Power Source)	20 kg

PACKAGE CONTENTS

WeldSkill 135 MIG Welder Plant

- WeldSkill 135 MIG power source
- MIG Torch and Work Lead (fitted)
- Chipping hammer/wire brush
- Welding faceshield with lens
- 0.8mm mild steel gasless wire
- Spare feed rolls and torch consumables

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	WSPLIER	Weldskill Mig Pliers
2	W4013000	Mig Torch 140A to suit WS135
3	646215	Chipping Hammer Spring Handle
4	W4011501	Equipment Trolley
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - MIG TORCH CONSUMABLES

1	OTW11/23/R	Contact Tips .6mm
2	OTW11/30/R	Contact Tips .8mm
3	OTW11/35/R	Contact Tips .9mm
4	OTW11/40/R	Contact Tips 1mm
5	OTW11/45/R	Contact Tips 1.2mm
6	W6000605	Gas Diffuser
7	W6000600	Nozzle to suit WS 100/135/150/155/185

OPTIONS - FEED ROLLS

1	W4012900	Feedrolls 0.6/0.8mm
2	W4012901	Feedrolls 0.8/1.0mm
3	W4012902	Feedrolls 1.0/1.2mm

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	ProLite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large
7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

MILD STEEL

GASLESS

STAINLESS STEEL



WeldSkill 150

The CIGWELD WeldSkill 150 MIG is a single phase compact power source designed specifically for handymen or tradesmen that require high quality welding performance. This constant voltage power source provides excellent arc performance with solid or flux cored welding wires. It is ideal for welding a wide range of materials including stainless/mild steels and aluminium, and is suitable for the welding of mild steel up to 6mm thick (when used with appropriate consumables).

Part No: W1004150
WELDSKILL 150 Mig Welder

MIG

1
YEAR*

UP TO 6mm
PLATE THICKNESS

240V 15A



DETAILS



9 310574 054547

Power Source Weight	20.0kg
Plant (Package) Weight	28.0kg
Power Source Dimensions	H 375mm W 245mm D 420mm

SPECIFICATIONS

Input Voltage	240 Volts, +/- 15% (15A plug)
Input Frequency	50 Hz
Generator requirement	7 kVA
Output range	41 – 130 amps (150A max)
Rated Output @ Duty Cycle	130A/20.5V @ 10%
Dimensions (HxWxD) mm	375H x 245W x 420Dmm
Weight (Power Source)	20 kg

PACKAGE CONTENTS

WeldSkill 150 MIG Welder Plant

- Weldskill 150 power source,
- Mig torch c/w euro connection,
- Gas hose,
- Work lead,
- Regulator/Flowmeter,
- 0.8mm WeldSkill Mild Steel Gasless Wire

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	WSPLIER	Weldskill Mig Pliers
2	W4013100	Mig Torch 150A to suit WS150
3	646215	Chipping Hammer Spring Handle
4	W4011501	Equipment Trolley
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - MIG TORCH CONSUMABLES

1	OTW11/23/R	Contact Tips .6mm
2	OTW11/30/R	Contact Tips .8mm
3	OTW11/35/R	Contact Tips .9mm
4	OTW11/40/R	Contact Tips 1mm
5	OTW11/45/R	Contact Tips 1.2mm
6	W6000602	Gas Diffuser
7	W6000600	Nozzle to suit WS 100/135/150/155/185

OPTIONS - FEED ROLLS

1	W4012900	Feedrolls 0.6/0.8mm
2	W4012901	Feedrolls 0.8/1.0mm
3	W4012902	Feedrolls 1.0/1.2mm

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large
7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM



WeldSkill 250



The WeldSkill 250 is a single phase compact power source designed specifically for the handyman or tradesman that requires high quality welding performance. This constant voltage power source is rated at 250 amps @ 20%** duty cycle and provides excellent arc performance with solid or flux cored wires. The unit is suitable for use with either mixed shielding gases, CO2 or gasless operation.

Part No: W1004500
WELDSKILL 250 Mig Welder

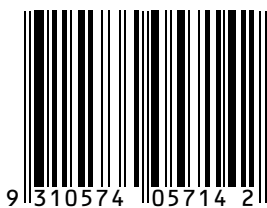
MIG

1
YEAR*

UP TO 12mm
PLATE THICKNESS

240V 15A

DETAILS



Power Source Weight **100.0kg**
Plant (Package) Weight **125.0kg**
Power Source Dimensions **H 1050mm
W 470mm
D 1020mm**

PACKAGE CONTENTS

WeldSkill 250 MIG Welder Plant

- WeldSkill 250 power source
- Tweco Fusion 250 Mig Torch 3.6m
- Work lead 3m,
- Regulator/Flowmeter (Aus/NZ Only)
- Cylinder Chain, 200mm Spool Adaptor
- Feed Rolls: 0.9/1.2mm V Groove (Fitted)
- Contact Tips: 0.8mm, 0.9mm (Fitted), 1.0mm, 1.2mm
- Shielding Gas Hose Assembly

SPECIFICATIONS

Plant Part Number	W1004500	
Power Source Weight	100kg	
Plant (Package) Weight	125kg	
Power Source Dimensions	H 1050mm x W 470mm x D 1020mm	
Cooling	Fan Cooled	
Standards	AS 60974.1-2006 / IEC 60974-1 & AS1674	
Number of Phases	1	
Nominal Supply Voltage	240V +/- 10%	
Nominal Supply Frequency	50Hz	
Energy Input	This Column applies to the Factory Fitted 2.5mm ² (20A) Primary Lead with 15A Supply Plug.	This Column applies to a 4.0mm ² (25A) Primary Lead with a 25A Supply Plug.
Welding Current Range	50-190A,	50-270A
Effective Input Current (I _{1eff})	15A	24A
Maximum Input Current (I _{1max})	33A	54A
Generator Requirement	8kVA	13kVA
MIG (GMAW)	190A @ 20%, 23.5V	250A @ 20%, 26.5V
Welding Output, 40°C, 10 min.	110A @ 60%, 19.5V 85A @ 100%, 18.3V	144A @ 60%, 21.2V 112A @ 100%, 19.6V
Number of Output Voltage Switch Settings	12	
Protection Class	IP21S	

*Refer to operating manual for further details.

**With upgraded 4.0mm Supply Lead and 25A Supply Plug. Note: In order to achieve the maximum rated output & duty cycle ratings refer to Section 3.04 in the Operating Manual

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTION- TO MAKE THE WELDSKILL WITH A REMOTE WIREFEEDER

- | | | |
|---|----------|---|
| 1 | W3000401 | WeldSkill 4R Wirefeeder Suits WeldSkill 250 & 350 |
|---|----------|---|

OPTIONS - MIG ACCESSORIES

- | | | |
|---|-----------|--|
| 1 | FAB250X12 | Weldskill MIG Torch 250A Euro 3.6m |
| 2 | WSPLIER | Weldskill Mig Pliers |
| 3 | W4012300 | Tweco Mig Torch Consumable Organiser Box |
| 4 | 646215 | Chipping Hammer Spring Handle |
| 5 | 704814 | Spatter Safe - 400ml Pump Can |
| 6 | 707958 | Nozzle Dip Jelly, 350g Tin |
| 7 | W7004913 | Gas Hose |
| 8 | 646349 | Work Clamp 400A - Heavy Duty |
| 9 | CWC400 | Work Clamp 400A - Heavy Duty |

OPTIONS - MIG TORCH CONSUMABLES

- | | | |
|----|-------------|--|
| 1 | OTW14/23/R | Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk) |
| 2 | OTW14/30/R | Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk) |
| 3 | OTW14/35/R | Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk) |
| 4 | OTW14/40/R | Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk) |
| 5 | OTW14/45/R | Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk) |
| 6 | OTW22/50/R | Nozzle |
| 7 | OTW32/R | Insulator Tweco No2 |
| 8 | OTW52/R | Gas Diffuser Tweco No2 |
| 9 | OTW42/3035 | Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire |
| 10 | OTW42N/3545 | Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire |

OPTIONS - FEED ROLLS

- | | | |
|---|---------|--|
| 1 | 7977729 | Feedrolls 0.6/0.8mm V Groove Hard Wire |
| 2 | 7977703 | Feedrolls 0.9/1.2mm V Groove Hard Wire |
| 3 | 7977733 | Feedrolls 0.8/0.9mm U Groove Soft Wire |
| 4 | 7977730 | Feedrolls 1.0/1.2mm U Groove Soft Wire |
| 5 | 7977734 | Feedrolls 0.8/0.9mm V Knurled Flux Cored |
| 6 | 7977347 | Feedrolls 1.2/1.6mm V Knurled Flux Cored |

OPTIONS - MIG WIRE (SOLID)

- | | | |
|---|--------|--|
| 1 | WS5006 | WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool |
| 2 | WS5008 | WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool |
| 3 | WS5009 | WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool |
| 4 | 720103 | Autocraft LW1-6 Mig Wire Mild Steel 0.6mm/15kg spool |
| 5 | 720114 | Autocraft LW1-6 Mig Wire Mild Steel 0.8mm/15kg spool |
| 6 | 720090 | Autocraft LW1-6 Mig Wire Mild Steel 0.9mm/15kg spool |
| 7 | 720096 | Autocraft LW1-6 Mig Wire Mild Steel 1.2mm/15kg spool |

OPTIONS - MIG WIRE (GASLESS)

- | | | |
|---|--------|--|
| 1 | WG4508 | WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool |
| 2 | WG4509 | WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool |

OPTIONS - MIG WIRE (ALUMINIUM)

- | | | |
|---|--------|----------------------------------|
| 1 | 723224 | Autocraft AL5356 1mm/2kg spool |
| 2 | 722226 | Autocraft AL5356 0.9mm/7kg spool |
| 3 | 722227 | Autocraft AL5356 1.2mm/7kg spool |

OPTIONS - MIG WIRE (STAINLESS STEEL)

- | | | |
|---|--------|----------------------------------|
| 1 | 720283 | Autocraft 316LSi .9mm/5kg spool |
| 2 | 721286 | Autocraft 316LSi .9mm/15kg spool |

OPTIONS - SAFETY EQUIPMENT

- | | | |
|----|--------|--|
| 1 | 454352 | ProPlus Auto Dark Welding Helmet - Shade 9-13 |
| 2 | 454333 | ProLite Auto Dark Welding Helmet - Claw Shade 9-13 |
| 3 | 454344 | Prolite Matrix Helmet |
| 4 | 454305 | Weldskill Auto Dark Welding Helmet - Blue Shade 9-13 |
| 5 | 453833 | Hiderok Welding Helmet Lift Front |
| 6 | 646755 | Heavy Duty Weldskill Gloves - Large |
| 7 | 646754 | WeldSkill Leather Tig Welding Gloves - Large |
| 8 | 646771 | JACKET WELDING Blue / Black - Medium |
| 9 | 646772 | JACKET WELDING Blue / Black - Large |
| 10 | 646773 | JACKET WELDING Blue / Black - X Large |
| 11 | 646774 | JACKET WELDING Blue / Black - XX Large |
| 12 | 455200 | Ear Muff Silencer Light Duty 27dB AS1270 |
| 13 | 455317 | Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270 |

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM



OPTIONAL:
WeldSkill 4R Wirefeeder
Part No: W3000401

The WeldSkill 4 Roll Wirefeeder is specifically designed for use on both the WeldSkill 250 and 350 power sources. The unit can be easily added to either model power source by simply plugging in and selecting remote mode on the power source.

Wirefeeder Contents:
4R Feeder, 0.9/1.2mm V Groove Feed rolls, interconnection lead 8m

WeldSkill 350



The WeldSkill 350 combines all the features of the WeldSkill 250 with higher output capabilities. This three phase compact power source is rated at 350 amps @ 30% duty cycle and provides excellent arc performance with solid or flux cored wires. The unit is suitable for use with either mixed shielding gases, CO₂ or gasless operation.

Part No: W1004600
WELDSKILL 350 Mig Welder

MIG

1
YEAR*

UP TO 16mm
PLATE THICKNESS

415V 20A

DETAILS



Power Source Weight **112.0kg**
Plant (Package) Weight **149.0kg**
Power Source Dimensions **H 1050mm
W 470mm
D 1020mm**

PACKAGE CONTENTS

WeldSkill 350 MIG Welder Plant

- WeldSkill 350 MIG Power Source
- Tweco Fusion 400 MIG Torch 3.6m
- Work Lead 3m
- Regulator/Flowmeter (Aust & NZ Only),
- Cylinder Chain, 200mm Spool Adaptor,
- Feed Rolls: 0.9/1.2mm V Groove (Fitted)
- Contact Tips: 0.8mm, 0.9mm (Fitted), 1.0mm, 1.2mm
- Shielding Gas Hose Assembly

SPECIFICATIONS

Plant Part Number	W1004600
Power Source Weight	112kg
Plant (Package) Weight	149kg
Power Source Dimensions	H 1050mm x W 470mm x D 1020mm
Cooling	Fan Cooled
Standards	AS 60974.1-2006 / IEC 60974-1 & AS1674
Number of Phases	3
Nominal Supply Voltage	415V +/- 10%
Nominal Supply Frequency	50Hz
Energy Input	Factory fitted 15 Amp input lead and is designed for a 415 VAC supply voltage.
Welding Current Range	35-380A
Effective Input Current (I _{1eff})	14A
Maximum Input Current (I _{1max})	25A
Generator Requirement	18kVA
MIG (GMAW) Welding Output, 40°C, 10 min.	350A @ 30%, 31.6V 250A @ 60%, 26.3V 205A @ 100%, 24.4V
Number of Output Voltage Switch Settings	24
Protection Class	IP21S

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTION - TO MAKE THE WELDSKILL WITH A REMOTE WIREFEEDER

- | | | |
|---|----------|---|
| 1 | W3000401 | WeldSkill 4R Wirefeeder Suits WeldSkill 250 & 350 |
|---|----------|---|

OPTIONS - MIG ACCESSORIES

- | | | |
|---|-----------|--|
| 1 | FAB400X12 | Weldskill MIG Torch 400A Euro 3.6m |
| 2 | WSPLIER | Weldskill Mig Pliers |
| 3 | W4012300 | Tweco Mig Torch Consumable Organiser Box |
| 4 | 646215 | Chipping Hammer Spring Handle |
| 5 | 704814 | Spatter Safe - 400ml Pump Can |
| 6 | 707958 | Nozzle Dip Jelly, 350g Tin |
| 7 | W7004913 | Gas Hose |
| 8 | 646349 | Work Clamp 400A - Heavy Duty |
| 9 | CWC400 | Work Clamp 400A - Heavy Duty |

OPTIONS - MIG TORCH CONSUMABLES

- | | | |
|----|-------------|--|
| 1 | OTW14/23/R | Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk) |
| 2 | OTW14/30/R | Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk) |
| 3 | OTW14/35/R | Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk) |
| 4 | OTW14/40/R | Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk) |
| 5 | OTW14/45/R | Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk) |
| 6 | OTW24A/50/R | Nozzle |
| 7 | OTW34A/R | Insulator Tweco No4 |
| 8 | OTW52A/R | Gas Diffuser Tweco No4 |
| 9 | OTW44/3545 | Conduit Liner Tweco No4, 0.8mm/0.9mm - Hard Wire |
| 10 | 717347 | Conduit Liner Tweco No4, 0.9mm/1.2mm - Soft Wire |

OPTIONS - FEED ROLLS

- | | | |
|---|---------|--|
| 1 | 7977729 | Feedrolls 0.6/0.8mm V Groove Hard Wire |
| 2 | 7977703 | Feedrolls 0.9/1.2mm V Groove Hard Wire |
| 3 | 7977733 | Feedrolls 0.8/0.9mm U Groove Soft Wire |
| 4 | 7977730 | Feedrolls 1.0/1.2mm U Groove Soft Wire |
| 5 | 7977734 | Feedrolls 0.8/0.9mm V Knurled Flux Cored |
| 6 | 7977347 | Feedrolls 1.2/1.6mm V Knurled Flux Cored |

OPTIONS - MIG WIRE (SOLID)

- | | | |
|---|--------|--|
| 1 | WS5006 | WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool |
| 2 | WS5008 | WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool |
| 3 | WS5009 | WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool |
| 4 | 720103 | Autocraft LW1-6 Mig Wire Mild Steel 0.6mm/15kg spool |
| 5 | 720114 | Autocraft LW1-6 Mig Wire Mild Steel 0.8mm/15kg spool |
| 6 | 720090 | Autocraft LW1-6 Mig Wire Mild Steel 0.9mm/15kg spool |
| 7 | 720096 | Autocraft LW1-6 Mig Wire Mild Steel 1.2mm/15kg spool |

OPTIONS - MIG WIRE (GASLESS)

- | | | |
|---|--------|--|
| 1 | WG4508 | WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool |
| 2 | WG4509 | WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool |

OPTIONS - MIG WIRE (ALUMINIUM)

- | | | |
|---|--------|----------------------------------|
| 1 | 723224 | Autocraft AL5356 1mm/2kg spool |
| 2 | 722226 | Autocraft AL5356 0.9mm/7kg spool |
| 3 | 722227 | Autocraft AL5356 1.2mm/7kg spool |

OPTIONS - MIG WIRE (STAINLESS STEEL)

- | | | |
|---|--------|----------------------------------|
| 1 | 720283 | Autocraft 316LSi .9mm/5kg spool |
| 2 | 721286 | Autocraft 316LSi .9mm/15kg spool |

OPTIONS - SAFETY EQUIPMENT

- | | | |
|----|--------|--|
| 1 | 454352 | ProPlus Auto Dark Welding Helmet - Shade 9-13 |
| 2 | 454333 | ProLite Auto Dark Welding Helmet - Claw Shade 9-13 |
| 3 | 454344 | Prolite Matrix Helmet |
| 4 | 454305 | Weldskill Auto Dark Welding Helmet - Blue Shade 9-13 |
| 5 | 453833 | Hiderok Welding Helmet Lift Front |
| 6 | 646755 | Heavy Duty Weldskill Gloves - Large |
| 7 | 646754 | WeldSkill Leather Tig Welding Gloves - Large |
| 8 | 646771 | JACKET WELDING Blue / Black - Medium |
| 9 | 646772 | JACKET WELDING Blue / Black - Large |
| 10 | 646773 | JACKET WELDING Blue / Black - X Large |
| 11 | 646774 | JACKET WELDING Blue / Black - XX Large |
| 12 | 455200 | Ear Muff Silencer Light Duty 27dB AS1270 |
| 13 | 455317 | Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270 |

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM



OPTIONAL:
WeldSkill 4R Wirefeeder
Part No: W3000401

The WeldSkill 4 Roll Wirefeeder is specifically designed for use on both the WeldSkill 250 and 350 power sources. The unit can be easily added to either model power source by simply plugging in and selecting remote mode on the power source.

Wirefeeder Contents:
4R Feeder, 0.9/1.2mm V Groove Feed rolls, interconnection lead 8m

WeldSkill 135



The CIGWELD WeldSkill 135 is the ideal companion for any Tradie or Home hobbyist.

A compact, portable, easy to use and affordable self-contained single phase welding inverter ideal for welders who want to do light DIY fabrication, maintenance and repairs without compromising on quality or safety. This welding inverter is capable of performing MIG (FCAW/GMAW) with up to 0.9mm wire and Stick (MMAW) with up to 3.2mm electrodes.

The Cigweld WeldSkill 135 is backed by a 1-year warranty, has an integrated wire feed unit for up to 200mm spools, a quick connect gas connection and is equipped with a 10Amp plug while still boasting a robust duty cycle of 135A@20%. Most importantly the model is fully compliant to Australian Standard AS 60974.1 and IEC 60974-1.

Part No: W1008135
WELDSKILL 135 Inverter

1
YEAR*

UP TO 4mm
PLATE THICKNESS

240V 10A

MIG
STICK

DETAILS



Power Source Weight **12.8kg**
Plant (Package) Weight **15.4kg**
Power Source Dimensions **H 335mm
W 196mm
D 470mm**

PACKAGE CONTENTS

WeldSkill 135 Welder Plant

- Weldskill 135 Inverter power source,
- E-180 Mig Torch Euro,
- Gas hose,
- Work lead 3m,
- Cutskill Argon Regulator/Flowmeter,
- Twistlock Electrode Holder with 3m Lead,
- Feed rolls 0.8/0.9mm Flux Cored (fitted); 0.8/0.9mm V groove;
- Contact Tips 0.8mm (fitted)
- Operating Manual

SPECIFICATIONS

Plant Part No.	W1008135
Power Source Dimensions	335 x 196 x 470
Power Source Weight	12.8kg
Cooling	Fan Cooled
Welder Type	MIG, STICK Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	230V AC +/- 15%
Nominal Supply Frequency	50/60Hz
Nominal DC Open Circuit Voltage (MIG Weld Mode)	55V (Trigger Switch Depressed when not welding)
Factory Fitted Supply Plug Rating	10 Amps
Open Circuit Voltage (VRD On) Stick Weld Mode	<20V
Effective Input Current (I _{1eff})	10 Amps
Maximum Input Current (I _{1max})	28 Amps
Minimum Single Phase Generator Recommendation	8kVA at 0.8 PF
Protection Class	IP21S
MIG Mode (GMAW/FCAW)	135Amps @ 15%
Stick Mode (MMAW)	135Amps @ 15%

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	WSPLIER	Weldskill Mig Pliers
2	646215	Chipping Hammer Spring Handle
3	W4018700	H-180G MIG Torch
4	W4011501	Equipment Trolley
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW11/23/R	Contact Tips .6mm
2	OTW11/30/R	Contact Tips .8mm
3	OTW11/35/R	Contact Tips .9mm
4	OTW11/40/R	Contact Tips 1mm
5	OTW11/45/R	Contact Tips 1.2mm
6	W6000606	Gas Diffuser to suit WS 135/155/185
7	W6000600	Nozzle to suit WS 100/135/150/155/185
8	WS1240031/R	Conduit Liner Steel 4m, 1.0-1.2mm Red (hard wires)
9	WS1260026/R	Conduit Liner Teflon 4m, 0.8-1.2mm Red (soft wires)

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

MILD STEEL

GASLESS

STAINLESS STEEL

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk

4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs IPK = 200 Pair AS1270

WeldSkill 155


3IN1
MIG STICK TIG

The WeldSkill 155 is a self-contained single phase welding inverter, capable of performing MIG (FCAW/GMAW), Stick (MMAW) and Lift TIG (GTAW) welding processes.

This unit is compact, portable, and simple to use, making the ideal welder for those who want to do light fabrication, maintenance and repairs or DIY projects, without compromising on quality or safety.

Ready to plug & play, the WeldSkill 155 is fitted with a 10Amp plug, so you can plug in and weld – anytime, anywhere.

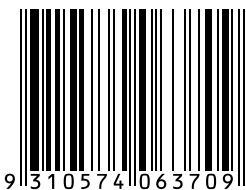
Part No: W1008155
WELDSKILL 155 Inverter

MIG
STICK
TIG
2
YEARS*

UP TO 6mm
PLATE THICKNESS

240V 10A

DETAILS



Power Source Weight **13.7kg**
Plant (Package) Weight **21.3kg**
Power Source Dimensions **H 371mm
W 205mm
D 478mm**

PACKAGE CONTENTS

WeldSkill 155 Welder Plant

- WeldSkill Power Source 13.7kg
- MIG Torch with Euro Connection, 3m
- Twistlock Electrode Holder with 3m Lead
- CutSkill Argon Regulator/Flowmeter
- Work Clamp with 3m Lead
- Shielding Gas Hose Assembly, 3m
- Feed Rolls: 0.8/0.9mm Flux Cored (Fitted), 0.8/0.9mm V Groove
- Contact Tip: 0.8mm (Fitted)
- Operating Manual

SPECIFICATIONS

Plant Part No.	W1008155
Power Source Dimensions	371mm x 205mm x 478mm
Power Source Weight	13.7kg
Cooling	Fan Cooled
Welder Type	MIG, STICK, LIFT TIG Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC +/- 15%
Nominal Supply Frequency	50/60Hz
Nominal DC Open Circuit Voltage (MIG Weld Mode)	69V (Trigger Switch Depressed when not welding)
Factory Fitted Supply Plug Rating	10 Amps
Open Circuit Voltage (VRD On) Stick Weld Mode	<35V
Effective Input Current (I _{1eff})	10 Amps
Maximum Input Current (I _{1max})	27 Amps
Minimum Single Phase Generator (Recommended)	8kVA at 0.8 PF
Protection Class	IP21S
MIG (GMAW) Welding Output, 40°C, 10 min.	155 A @15%, 21.8V
STICK (MMAW) Welding Output, 40°C, 10 min.	135 A @ 15%, 25.4 V
TIG (GTAW) Welding Output, 40°C, 10 min.	135 A @ 25%, 15.4 V
Warranty	2 Year Limited Warranty*

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	WSPLIER	Weldskill Mig Pliers
2	646215	Chipping Hammer Spring Handle
3	W4018800	Mig Torch E-180 3M. Suits WS 155i / 185i
4	W4011501	Equipment Trolley
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW11/23/R	Contact Tips .6mm
2	OTW11/30/R	Contact Tips .8mm
3	OTW11/35/R	Contact Tips .9mm
4	OTW11/40/R	Contact Tips 1mm
5	OTW11/45/R	Contact Tips 1.2mm
6	W6000606	Gas Diffuser
7	W6000600	Nozzle to suit WS 100, 135, 150, 155, 185
8	WS1240031/R	Conduit Liner Steel 4m, 1.0-1.2mm Red (hard wires)
9	WS1260026/R	Conduit Liner Teflon 4m, 0.8-1.2mm Red (soft wires)

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

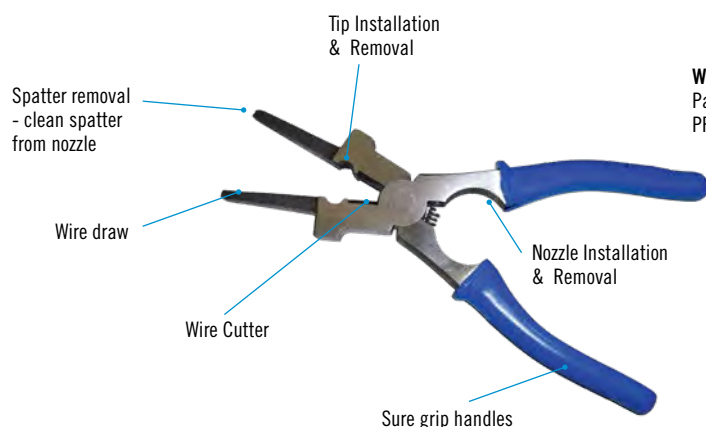
1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM



Weldskill Mig Pliers
Part No: WSPLIER
PRONTO No: ..70623

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk

4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long

10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs IPK = 200 Pair AS1270



WeldSkill 185


3IN1
MIG STICK TIG

The WeldSkill 185 offers the many benefits of a professional welding machine in a compact, portable, easy to use and affordable self-contained single phase welding inverter. Ideal for welders who want to do light fabrication, maintenance and repairs or DIY around the home without compromising on quality or safety.

Capable of performing MIG (FCAW/GMAW), Stick (MMAW) and Lift TIG (GTAW) welding processes, the WeldSkill 185 is backed by a 2-year warranty and fitted with a 10 Amp plug, meaning you can plug it into any standard 10amp power point and get welding!

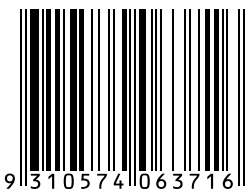
Part No: W1008185
WELDSKILL 185 Inverter

MIG
STICK
TIG
2
YEARS*

UP TO 8mm
PLATE THICKNESS

240V 10A

DETAILS



9 310574 106371 6

Power Source Weight	13.7kg
Plant (Package) Weight	21.3kg
Power Source Dimensions	H 371mm W 205mm D 478mm

PACKAGE CONTENTS

WeldSkill 185 Welder Plant

- Weldskill 185 Inverter power source,
- E-180 Mig Torch Euro,
- Gas hose,
- Work lead 3m,
- Cutskill Argon Regulator/Flowmeter,
- Twistlock Electrode Holder with 3m Lead,
- Feed rolls 0.8/0.9mm Flux Cored (fitted); 0.8/0.9mm V groove;
- Contact Tips 0.8mm(fitted)
- Operating Manual

SPECIFICATIONS

Plant Part No.	W1008185
Power Source Dimensions	371mm x 205mm x 478mm
Power Source Weight	13.7kg
Cooling	Fan Cooled
Welder Type	MIG, STICK, LIFT TIG Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC +/- 15%
Nominal Supply Frequency	50/60Hz
Nominal DC Open Circuit Voltage (MIG Weld Mode)	69V (Trigger Switch Depressed when not welding)
Factory Fitted Supply Plug Rating	10 Amps
Open Circuit Voltage (VRD On) Stick Weld Mode	<35V
Effective Input Current (I _{1eff})	10 Amps
Maximum Input Current (I _{1max})	40 Amps
Minimum Single Phase Generator (Recommended)	10kVA at 0.8 PF
Protection Class	IP21S
MIG (GMAW) Welding Output, 40°C, 10 min.	185 A @ 10%, 23.3 V
STICK (MMAW) Welding Output, 40°C, 10 min.	160 A @ 10%, 26.4 V
TIG (GTAW) Welding Output, 40°C, 10 min.	160 A @ 20%, 16.4 V

*Refer to operating manual for further details.

MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	WSPLIER	Weldskill Mig Pliers
2	646215	Chipping Hammer Spring Handle
3	W4018800	Mig Torch E-180 3M. Suits WS 155i / 185i
4	W4011501	Equipment Trolley
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW11/23/R	Contact Tips .6mm
2	OTW11/30/R	Contact Tips .8mm
3	OTW11/35/R	Contact Tips .9mm
4	OTW11/40/R	Contact Tips 1mm
5	OTW11/45/R	Contact Tips 1.2mm
6	W6000606	Gas Diffuser
7	W6000600	Nozzle to suit WS100,135,150,155,185
8	WS1240031/R	Conduit Liner Steel 4m, 1.0-1.2mm Red (hard wires)
9	WS1260026/R	Conduit Liner Teflon 4m, 0.8-1.2mm Red (soft wires)

OPTIONS - SGT250 SPOOL GUN TORCH CONSUMABLES

1	W4011250	Tweco SGT250 Spool Gun
2	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	OTW22/50/R	Nozzle Tweco No2, 13mm Adjustable
5	OTW32/R	Insulator Tweco No2
6	OTW52/R	Gas Diffuser Tweco No2



OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

The Tweco SGT250 is a comfortable pistol grip spool gun that has the cable connected from the handle for a well-balanced, light weight feel in the hand and easy manoeuvrability for precision welding.

Compatible with WeldSkill 185, Transmig 185 Ultra, Transmig 220i, Transmig 255i

Tweco SGT250 Spool Gun
Part No: W4011250

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk

4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long

10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs IPK = 200 Pair AS1270



Transmig[®] 175i⁺


3IN1
MIG STICK TIG

The CIGWELD TRANSMIG 175i+ is a self contained single phase multi process welding inverter that is capable of performing GMAW/ FCAW (MIG), MMAW (Stick) and GTAW (Lift TIG) welding processes.

The unit is equipped with an integrated wire feed unit, voltage reduction device (VRD applicable in Stick mode only), digital voltage and amperage meters, and a host of other features in order to fully satisfy the broad operating needs of the modern welding professional.

Part No: W1005185
TRANSMIG 175i+ Inverter

MIG Mode (GMAW/FCAW)
185Amps @ 20%

MIG

Stick Mode (MMAW)
175Amps @ 20%

STICK

TIG Mode (GTAW)
175Amps @ 25%

TIG
3
YEAR*

UP TO 8mm
PLATE THICKNESS

240V 15A

*Refer to operating manual for further details.

DETAILS



9 310574 063082

Power Source Weight **14.6kg**
Plant (Package) Weight **23.0kg**
Power Source Dimensions **H 410mm
W 320mm
D 590mm**

PACKAGE CONTENTS

Transmig 175i+ Plant

- Transmig 175i+ Inverter power source,
- Tweco Fusion Mig torch 3m,
- Gas hose,
- Work lead 4m,
- COMET Argon Regulator/Flowmeter,
- Electrode Holder with 4m Lead,
- Feed rolls 0.6/0.8mm V groove(fitted);
- 1.0/1.2mm U groove;
- 0.8/0.9mm V groove knurled,
- Contact Tips 0.8mm(fitted); 0.6mm 0.9mm 1.0mm,
- Product Bag,
- Shoulder Strap
- Operating Manual

SPECIFICATIONS

Processes	MIG (GMAW/FCAW), Stick (MMAW), Lift TIG (GTAW)
Supply Voltage	240V +/- 15%, (15 Amp Plug)
Current Range	10 – 175 amps
Duty Cycle	MIG (GMAW/FCAW): 25% @ 175A, 22.8V (40°C, 10mins) Stick (MMAW): 20% @ 175A, 27.0V (40°C, 10mins) TIG (GTAW): 25% @ 175A, 17.0V (40°C, 10mins)
Recommended Generator **	7 kW (9 kVA @ 0.8 Power Factor)
Power Source Weight	Power source: 14.6kg; Plant (packed): 23.0kg
Power Source Dimensions	Power source: 410mm(H) x 210mm(W) x 450mm(D) Plant: 460mm(H) x 320mm(W) x 590mm(D)



MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	W4013701	Tweco Fusion Mig Torch 3m
2	WSPLIER	Weldskill Mig Pliers
3	W4012300	Tweco Mig Torch Consumable Organiser Box
4	646215	Chipping Hammer Spring Handle
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W4011501	Equipment Trolley
8	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW14/23/R	Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk)
2	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
5	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
6	OTW22/50/R	Nozzle
7	OTW32/R	Insulator Tweco No2
8	OTW52/R	Gas Diffuser Tweco No2
9	OTW42/3035	Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire
10	OTW42N/3545	Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

MILD STEEL
GASLESS
STAINLESS STEEL
ALUMINIUM

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty

OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk

4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long

10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270



Transmig[®] 185 **ULTRA**

3IN1
MIG STICK TIG


CIGWELD have been listening to market feedback about having versatile welding inverters suitable for Australian welders, making welding easier while increasing productivity.

Professional Fabricators asked for a multi-process portable inverter with VRD and a 3 year warranty that had exceptional arc performance

Part No: W1006185
TRANSMIG 185 Ultra Inverter

MIG Mode (GMAW/FCAW)
185Amps @ 20%

MIG

Stick Mode (MMAW)
185Amps @ 15%

STICK

TIG Mode (GTAW)
185Amps @ 20%

TIG
3
YEAR*

UP TO 8mm
PLATE THICKNESS

240V 10A

DETAILS



9 310574 057142

Power Source Weight **17.4kg**
Plant (Package) Weight **30kg**
Power Source Dimensions **H 520mm
W 220mm
D 420mm**

PACKAGE CONTENTS

Transmig 185 Ultra Plant

- Transmig 185 Ultra - Inverter power source
- Tweco Fusion DX 250 Mig torch 3M,
- Gas hose,
- Work lead 4m,
- COMET Argon Regulator/Flowmeter,
- Electrode Holder with 4m Lead,
- Feed rolls 0.8/0.9mm V groove(fitted);
- 1.0/1.2mm U groove;
- 0.8/0.9mm V groove knurled,
- Contact Tips 0.8mm(fitted),
- 0.9mm 1.0mm,
- Shoulder Strap
- Operating Manual

SPECIFICATIONS

Power Source Dimensions	H520mm x W220mm x D420mm
Power Source Weight	17.4kg
Plant (Package) Weight	30kg
Cooling	Fan on Demand
Welder Type	3-in-1 Multi-Process Inverter with AUTOSSET Auto MIG / Manual MIG (Gas & Gasless) Auto TIG / Manual TIG Auto STICK / Manual Stick
Australian Standard	AS60974-1 / IEC60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240 VAC $\pm$ 15%
Nominal Supply Frequency 50 / 60Hz	50 / 60Hz
Factory Fitted Supply Plug Rating	10 Amps
Effective Input Current (I _{1eff})	9.5 Amps
Maximum Input Current (I _{1max})	30 Amps
Minimum Single Phase Generator [^]	10kVA (at 0.8 Power Factor) 8kW (at 1.0 Power Factor)
Output Terminal Type	Dinse™ Style 50
Protection Class	IP23S
Welding Environment Classification	Suitable for Welding in Category C Environments; Suitable for Indoor and Outdoor Welding
Warranty	3 Years [^]

*Refer to operating manual for further details.

and stability that they can easily manoeuvre around a workshop or job site.

TAFE Teachers asked for an inverter that was easy to setup and could help guide their students to achieve perfect weld results.

The DIY Weekend Warrior wanted a simple to navigate interface, an AUTO Setup option for MIG STICK and TIG, a 10 Amp plug and Spool Gun compatibility.

So CIGWELD delivered the Transmig 185 ULTRA – successfully combining the needs of both the professional and novice welder, but most importantly, regardless of skill level, simplifying welding.

It really is child's play! Just plug it in - and weld away!



MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	W4018900	Tweco Fusion DX250 Digital Mig Gun 3.0M
2	W4011250	Tweco SGT250 Spool Gun
3	WSPLIER	Weldskill Mig Pliers
4	W4012300	Tweco Mig Torch Consumable Organiser Box
5	646215	Chipping Hammer Spring Handle
6	704814	Spatter Safe - 400ml Pump Can
7	707958	Nozzle Dip Jelly, 350g Tin
8	W4011501	Wheeling Kit Trolley 220i/255i
9	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW14/23/R	Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk)
2	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
5	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
6	OTW22/50/R	Nozzle
7	OTW32/R	Insulator Tweco No2
8	OTW52/R	Gas Diffuser Tweco No2
9	OTW42/3035	Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire
10	OTW42N/3545	Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM



The Tweco SGT250 is a comfortable pistol grip spool gun that has the cable connected from the handle for a well-balanced, light weight feel in the hand and easy manoeuvrability for precision welding.

Compatible with WeldSkill 185, Transmig 185 Ultra, Transmig 220i, Transmig 255i

Tweco SGT250 Spool Gun
Part No: W4011250

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty



OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocraft 12XP 2.5mm 5kg/pk
4	611233	Ferrocraft 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long

10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

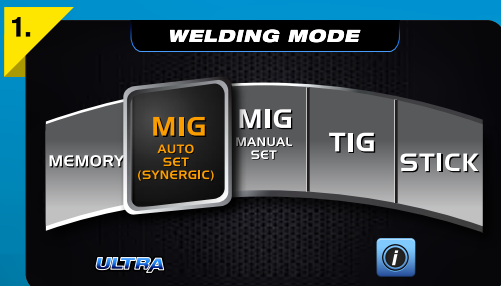
1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

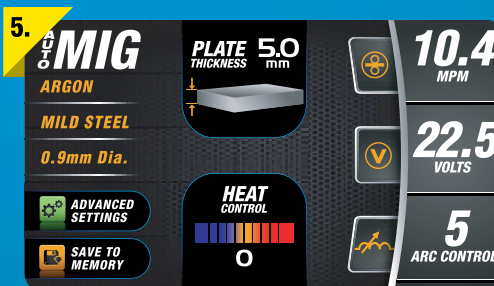
AUTO SET TAKES THE GUESS WORK OUT OF WELDING.

Simply select the material type, thickness & consumable diameter and AUTO SET will pre-set the Wirefeed Speed (Amperage) and Voltage (MIG) along a pre-programmed synergic line. Experienced welders can further customise their settings by tweaking speed and heat according to technique and other factors, or for ultimate flexibility just use MANUAL MODE.

With excellent welding performance across a broad range of applications anyone can weld like a pro! You set the process - MIG, TIG or STICK and the Ultra does the rest!



Choose MIG AUTO SET (SYNERGIC)



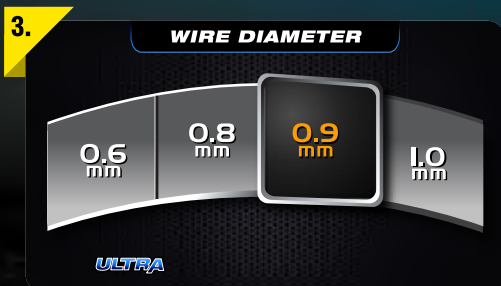
SUMMARY screen displays your AUTO SET parameters



Choose your MATERIAL (in this case MILD STEEL)



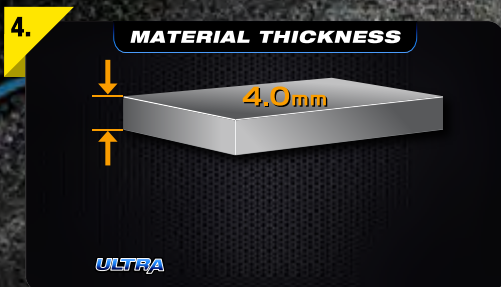
GET WELDING!



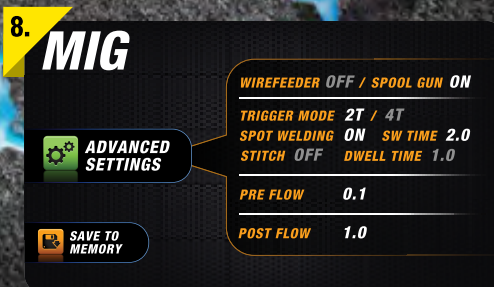
Choose WIRE DIAMETER



MEMORY screen to save your favourite welds



Choose MATERIAL THICKNESS



ADVANCED SETTINGS for professional welds

Transmig[®] 220i

3IN1
MIG STICK TIG

The CIGWELD TRANSMIG 200i is a self contained single phase multi process welding inverter that is capable of performing GMAW/FCAW (MIG), MMAW (Stick) and GTAW (Lift TIG) welding processes.

The unit is equipped with an integrated wire feed unit, voltage reduction device (VRD applicable in Stick mode only), digital voltage and amperage meters, and a host of other features in order to fully satisfy the broad operating needs of the modern welding professional.

Part No: W1005220
TRANSMIG 220i Inverter


MIG
STICK
TIG
3
YEAR*

UP TO 12mm
PLATE THICKNESS

240V 15A

DETAILS



9 310574 063099

Power Source Weight **26.0kg**
Plant (Package) Weight **34.0kg**
Power Source Dimensions **H 435mm
W 266mm
D 617mm**

PACKAGE CONTENTS

Transmig 220i Plant

- Transmig 220i power source,
- Tweco 250 Fusion Mig torch 3.6m,
- lead set 5m,
- Regulator/Flowmeter,
- Gas Hose Kit,
- Feed Rolls 0.6/0.8mm V Groov,
- 0.8/0.9mm Knurled,
- 1/1.2mm U Groov,
- Operation Manual.

SPECIFICATIONS

Processes	MIG (GMAW/FCAW), Stick (MMAW), Lift TIG (GTAW)
Supply Voltage	240V +/- 15%, (15 Amp Plug)
Current Range	10 – 210 amps (MIG mode)
Duty Cycle	MIG (GMAW/FCAW): 210A@20%, 24.5V (40°C, 10mins) Stick (MMAW): 200A@25%, 28V (40°C, 10mins) TIG (GTAW): 200A@25%, 18V (40°C, 10mins)
Recommended Generator **	8.1kW [10.1kVA @ 0.8 Power Factor]
Power Source Weight	Power source: 26kg; Plant: 34kg
Power Source Dimensions	Power source: 435mm(H) x 266mm(W) x 617mm(D) Plant: 483mm(H) x 378mm(W) x 705mm(D)

*Refer to operating manual for further details.



MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	W4013701	Tweco Fusion 250 Mig Torch - 3m Euro
2	WSPLIER	Weldskill Mig Pliers
3	W4012300	Tweco Mig Torch Consumable Organiser Box
4	646215	Chipping Hammer Spring Handle
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W4015000	Equipment Trolley 220i / 255i
8	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW14/23/R	Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk)
2	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
5	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
6	OTW22/50/R	Nozzle
7	OTW32/R	Insulator Tweco No2
8	OTW52/R	Gas Diffuser Tweco No2
9	OTW42/3035	Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire
10	OTW42N/3545	Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool
7	720103	Autocraft LW1-6 Mig Wire Mild Steel 0.6mm/15kg spool
8	720114	Autocraft LW1-6 Mig Wire Mild Steel 0.8mm/15kg spool
9	720090	Autocraft LW1-6 Mig Wire Mild Steel 0.9mm/15kg spool
10	720096	Autocraft LW1-6 Mig Wire Mild Steel 1.2mm/15kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool
5	722226	Autocraft AL5356 0.9mm/7kg spool
6	722227	Autocraft AL5356 1.2mm/7kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool
3	721286	Autocraft 316LSi .9mm/15kg spool

MILD STEEL
GASLESS
STAINLESS STEEL
ALUMINIUM

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty



OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm

9	BG57Y02/R	Back Cap Long
10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	ProLite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270



Transmig[®] 255i


3 IN 1
MIG STICK TIG

The CIGWELD TRANSMIG 255i is a self contained single phase multi process welding inverter with digital voltage and amperage meters, that is capable of performing MIG (GMAW/FCAW), Stick (MMAW) and Lift TIG (GTAW) welding processes. It is ideal for welding plate thicknesses between 0.8mm and 12mm with a range of wires from 0.6mm-1.2mm (solid), and has the added benefit of running the Tweco SGT 250 Spool Gun for the convenience of your precision aluminium work.

Part No: W1005255
TRANSMIG 255i Inverter

MIG Mode (GMAW/FCAW)
255Amps @ 20%

MIG

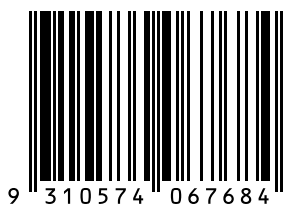
Stick Mode (MMAW)
230Amps @ 20%

STICK

TIG Mode (GTAW)
255Amps @ 20%

TIG
3
YEAR*

DETAILS



Power Source Weight **27kg**
Plant (Package) Weight **39.0kg**
Power Source Dimensions **H 435mm
W 266mm
D 617mm**

PACKAGE CONTENTS

Transmig 255i Plant

- Transmig 255i power source,
- Tweco 250 Fusion Mig torch 3.6m,
- lead set 5m,
- Regulator/Flowmeter,
- Gas Hose Kit,
- Feed Rolls 0.6/0.8mm V Groov,
- 0.8/0.9mm Knurled,
- 1/1.2mm U Groov,
- Operation Manual.

*Refer to operating manual for further details.

SPECIFICATIONS

Power Source Dimensions	H435mm x W266mm x D617mm	
Power Source Weight	27kg	
Number of Phases	Single Phase	
Nominal Supply Voltage	240 VAC $\pm$ 15%	
Nominal Supply Frequency	50 / 60Hz	
Output Terminal Type	Dinse Style 50mm	
Protection Class	IP23S	
Open Circuit Voltage (VRD On)	<35V DC	
Welding Current Range (MIG Mode)	30-255A	
Welding Current Range (STICK Mode)	10-230A	
Welding Current Range (TIG Mode)	10-255A	
Supply Lead and Plug Rating	15 Amps Ratings Below Apply to the Factory fitted 2.5mm ² Supply Lead and 15A Plug	25 Amps Ratings Below Apply to an Upgraded 4.0mm ² Supply Lead and 25A Plug
Effective Input Current (I _{leff}) [Refer Note 2]	15 Amps	21 Amps
Maximum Input Current (I _{lmax})	33 Amps	33 Amps
Minimum Single Phase Generator Recommendation [Refer Note 4]	10 kVA (at 0.8 Power Factor) 8 kW (at 1.0 Power Factor)	10 kVA (at 0.8 Power Factor) 8 kW (at 1.0 Power Factor)
MIG (GMAW) Welding Output, 40°C, 10 min	255A@ 20%, 26.8V 114A@ 100%, 19.7V	255A@ 40%, 26.8V 160A@ 100%, 22.0V
STICK (MMAW) Welding Output, 40°C, 10 min.	230A@ 20%, 29.2V 103A@ 100%, 24.1V	230A@ 40%, 29.2V 145A@ 100%, 25.8V
TIG (GTAW) Welding Output, 40°C, 10 min.	255A@ 20%, 20.2V 114A@ 100%, 14.6V	255A@ 40%, 20.2V 160A @ 100%, 16.4V

The 255i has adjustable Inductance and Burnback giving the user the ability to customise their MIG preferences, while Hot Start and Anti-Stick will ensure a smooth easy start in Stick mode.

The Transmig 255i is equipped with an integrated wire feed unit to fit 300mm spools, 2T/4T, Down Slope (in TIG), adjustable Arc Force (in Stick), VRD (in Stick), Power Factor Correction, and Fan on Demand which minimises power consumption, noise and dust contaminants. The unit is

compliant to Australian Standard AS 60974.1-2006 and is ideal for indoor / outdoor use with an enclosure rating of IP23S.

The 255i can be upgraded with a 25 Amp plug and 4mm² supply lead which increases your duty cycle so you can run it harder for longer. Ideal for onsite repairs and maintenance, medium industrial workshops, car panel repairs or serious welders that want a single phase inverter they can plug in and use around their own home workshop.



MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	W4013701	Tweco Fusion 250 Mig Torch - 3m Euro
2	WSPLIER	Weldskill Mig Pliers
3	W4012300	Tweco Mig Torch Consumable Organiser Box
4	646215	Chipping Hammer Spring Handle
5	704814	Spatter Safe - 400ml Pump Can
6	707958	Nozzle Dip Jelly, 350g Tin
7	W4015000	Equipment Trolley 220i / 255i.
8	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	OTW14/23/R	Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk)
2	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
5	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
6	OTW22/50/R	Nozzle
7	OTW32/R	Insulator Tweco No2
8	OTW52/R	Gas Diffuser Tweco No2
9	OTW42/3035	Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire
10	OTW42N/3545	Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire

OPTIONS - FEED ROLLS

1	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool
7	720103	Autocraft LW1-6 Mig Wire Mild Steel 0.6mm/15kg spool
8	720114	Autocraft LW1-6 Mig Wire Mild Steel 0.8mm/15kg spool
9	720090	Autocraft LW1-6 Mig Wire Mild Steel 0.9mm/15kg spool
10	720096	Autocraft LW1-6 Mig Wire Mild Steel 1.2mm/15kg spool

OPTIONS - MIG WIRE (GASLESS)

1	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	723224	Autocraft AL5356 1mm/2kg spool
5	722226	Autocraft AL5356 0.9mm/7kg spool
6	722227	Autocraft AL5356 1.2mm/7kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
2	720283	Autocraft 316LSi .9mm/5kg spool
3	721286	Autocraft 316LSi .9mm/15kg spool

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	WS42550	250A Lead Set 4M - 50mm Plug
2	646142	Twist Lock Electrode Holder 400A
3	CEH400TL	Twist Lock Electrode Holder 400A
4	646348	Work Clamp 200A - Heavy Duty
5	CWC200	Work Clamp 200A - Heavy Duty



OPTIONS - ELECTRODES MANUAL ARC

1	611182	Satincraft 13 2.5mm 5kg/pk
2	611183	Satincraft 13 3.25mm 5kg/pk
3	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	611662	Satincrome 316 2.5mm 2.5kg/pk
11	611663	Satincrome 316 3.25mm 2.5kg/pk
12	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	BG10N23/R	Collet 1.6mm
2	BG10N24/R	Collet 2.4mm
3	BG10N31/R	Collet Body 1.6mm
4	BG10N32/R	Collet Body 2.4mm
5	BG10N49/R	Nozzle Alumina 8mm
6	BG10N48/R	Nozzle Alumina 10mm
7	BG10N47/R	Nozzle Alumina 11mm
8	BG10N46/R	Nozzle Alumina 12.5mm
9	BG57Y02/R	Back Cap Long

10	BG57Y04/R	Back Cap Short
11	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	321400	Comweld 316L 1.6mm, 5kg/Pk
4	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

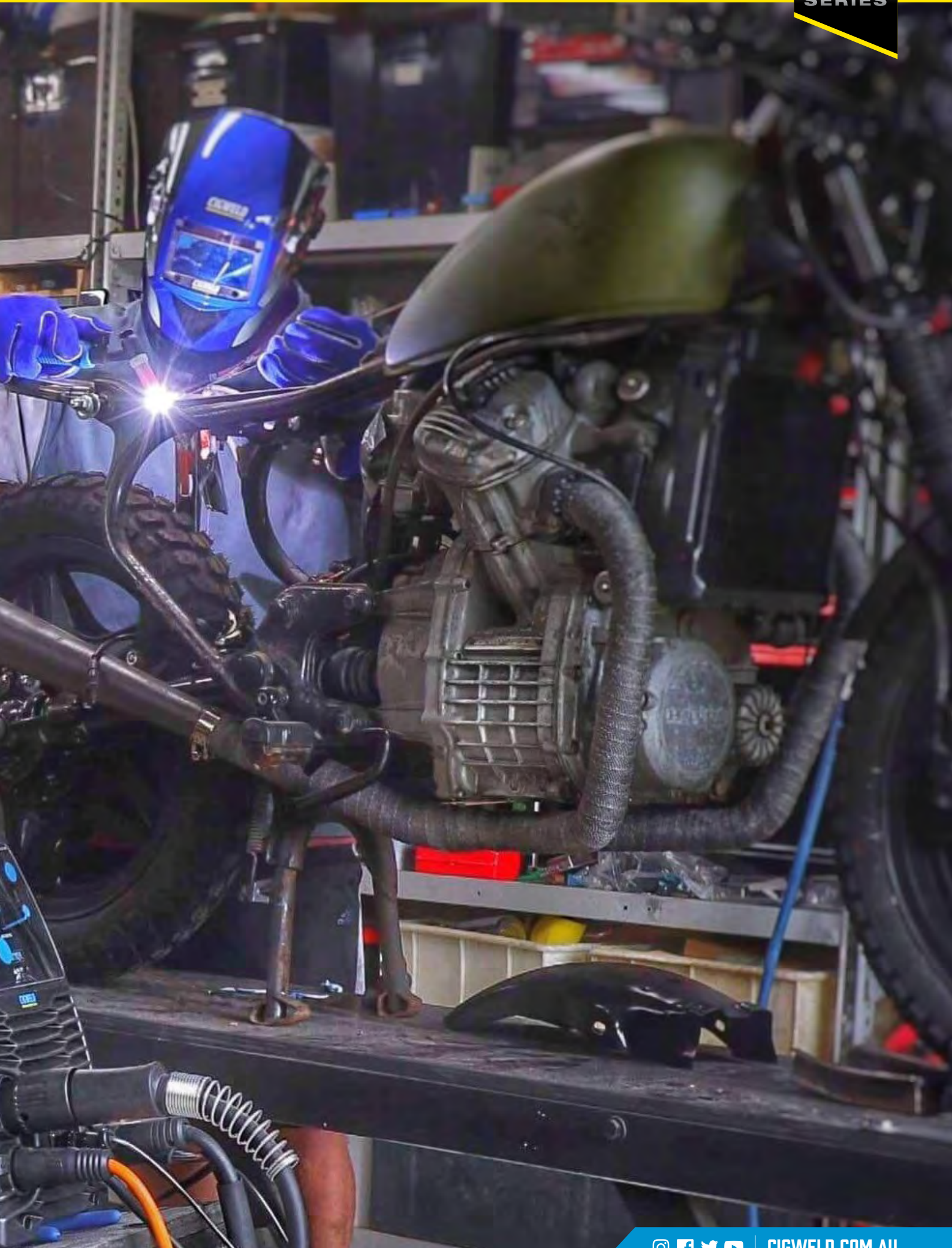
ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	454344	Prolite Matrix Helmet
4	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	453833	Hiderok Welding Helmet Lift Front
6	646755	Heavy Duty Weldskill Gloves - Large

7	646754	WeldSkill Leather Tig Welding Gloves - Large
8	646771	JACKET WELDING Blue / Black - Medium
9	646772	JACKET WELDING Blue / Black - Large
10	646773	JACKET WELDING Blue / Black - X Large
11	646774	JACKET WELDING Blue / Black - XX Large
12	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	455317	Earplugs Uncorded Sparkplugs IPK = 200 Pair AS1270





The Tweco SGT250 is a comfortable pistol grip spool gun that has the cable connected from the handle for a well-balanced, light weight feel in the hand and easy manoeuvrability for precision welding.

With a powerful 250Amp @20% duty cycle (Argon) and high wire feed speed you can be assured you'll achieve a high conductivity rate that can easily melt through the aluminium oxide to ensure exceptional fusion results. Additionally, the wire feed control knob gives you ultimate control in the hand and a 6m lead allows you flexibility with distance to the work piece.

The SGT250 has adjustable pressure roll and spool roll tensions, a wire feed viewing window and an easy access flip top cover ensuring all the adjustments you need are at your fingertips.

Part No: W4011250
SPOOL GUN SGT250

MIG

Compatible with the following machines:

WeldSkill 185
Transmig 185 Ultra
Transmig 220i
Transmig 255i

DETAILS



9 310574 064270

Spool Gun
Weight

4.2kg

PACKAGE CONTENTS

TWECO SG250 Spool Gun

- SGT Spool Gun
- 0.9mm/1.0 Wire
- Tweco Nozzle 13mm
- Tweco Contact Tip 0.9mm
- Tweco Insulator
- Tweco Gas Diffuser

SPECIFICATIONS

DESCRIPTION		RATING
Rated Welding Current	Argon Duty Cycle	250A @ 20% (Aluminium)
	Mixed Gas Duty Cycle	250A @ 20%
	CO2 Duty Cycle	250A @35%
Wire Diameter (Aluminium)		0.9/1.0 mm (U Groove)
Maximum Wire Feed Speed		16 mm/min.
Maximum Wire Spool Size		Diameter: 100 mm Width: 45 mm
Motor Voltage		24V DC
Weight		4.2 kg
Cable Length		6 metres
Connection		Euro connection with 8 pin plug



MIG TORCH & SPARES & ACCESSORIES

MIG

OPTIONS - MIG ACCESSORIES

1	W4011250	Tweco SGT250 Spool Gun
2	W4012300	Tweco Mig Torch Consumable Organiser Box
3	W7007213	Feed Roll 0.9/1.0 (U Groove)
4	WSPLIER	Mig Pliers



Tweco MIG Torch Consumable Organiser Box
Part Number: W4012300

MIG TORCH CONSUMABLES

MIG

OPTIONS - MIG TORCH CONSUMABLES

1	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
2	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
3	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
4	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
5	OTW22/50/R	Nozzle
6	OTW32/R	Insulator Tweco No2
7	OTW52/R	Gas Diffuser Tweco No2

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	721285	Autocraft 316LSi .8mm 1kg minispool
---	--------	-------------------------------------

OPTIONS - MIG WIRE (ALUMINIUM)

1	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	721224	Autocraft AL5356 1.0mm 0.5kg minispool

OPTIONS - MIG WIRE (SOLID)

1	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool

MILD STEEL
STAINLESS STEEL
ALUMINIUM

CutSkill 35



Part No: 1-1601-30
CUTSKILL 35 PLASMA CUTTER

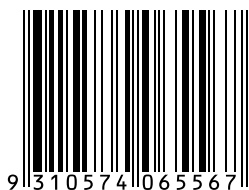
PLASMA

3
YEAR*

UP TO 12mm
PLATE THICKNESS

240V 10A

DETAILS



Power Source Weight **11.8kg**
Plant (Package) Weight **15.5kg**
Power Source Dimensions **H 385mm
W 165mm
D 495mm**

PACKAGE CONTENTS

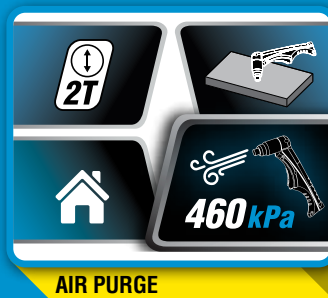
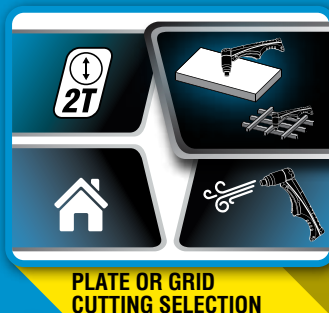
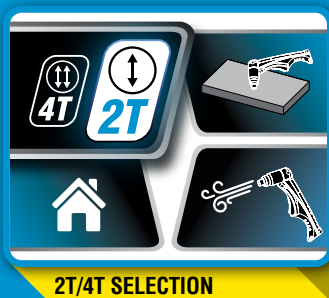
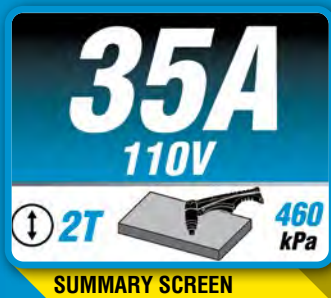
CutSkill 35 Plasma Cutter Plant

- Cutskill 35 Plasma Cutter power source,
- Cutskill 60A Plasma Torch,
- Work Cable and Clamp,
- Wrench for Air Filter,
- 1/4" Nitto Air Line Connector,
- Shoulder Strap, Operation Manual.

SPECIFICATIONS

Mild Steel Clean Cut:	12 mm
Mild Steel Severance:	16 mm
Stainless Clean Cut:	10 mm
Aluminium Clean Cut:	8 mm
Input Power:	240V, 1Ph, PFC, 10A
Duty Cycle:	35% @ 35A
Current Range:	20-35 Amps
Input Air Required:	730 kPa, 110 LPM
Generator Required:	8 kVA
Dimensions:	495 mm L x 165 mm W x 385 mm H
Weight:	11.8 kg

*Refer to operating manual for further details.



PLASMA ACCESSORIES

OPTIONS - ACCESSORY EQUIPMENT

- | | | |
|---|-----------|-----------------------------------|
| 1 | CSP337000 | Cutskill 60A Plasma Torch Package |
| 2 | CSP337039 | Plasma Inline Filter |
| 3 | CSP337040 | Plasma Inline Filter Cartridge |
| 4 | CSP337041 | Circle Cutting Guide |

OPTIONS - ELECTRODES MANUAL ARC

- | | | |
|---|-----------|-----------------------------|
| 1 | CSP337001 | Plasma Cutting Tip 35A |
| 2 | CSP337002 | Plasma Cutting Tip 45A |
| 3 | CSP337003 | Plasma Torch Electrode 60A |
| 4 | CSP337004 | Plasma Torch Standoff Guide |
| 5 | CSP337005 | Shield Cup Torch |
| 6 | CSP337006 | Torch O-Ring |
| 7 | CSP337007 | Torch Gas diffuser |

Inline Filter



Circle Cutting Guide



Front End Consumables



PLASMA

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

- | | | |
|---|--------|--|
| 1 | 454352 | ProPlus Auto Dark Welding Helmet - Shade 9-13 |
| 2 | 454333 | ProLite Auto Dark Welding Helmet - Claw Shade 9-13 |
| 3 | 454344 | ProLite Matrix Helmet |
| 4 | 454305 | Weldskill Auto Dark Welding Helmet - Blue Shade 9-13 |
| 5 | 453833 | Hiderok Welding Helmet Lift Front |
| 6 | 646755 | Heavy Duty Weldskill Gloves - Large |
| 7 | 646754 | WeldSkill Leather Tig Welding Gloves - Large |

- | | | |
|----|--------|--|
| 8 | 646771 | JACKET WELDING Blue / Black - Medium |
| 9 | 646772 | JACKET WELDING Blue / Black - Large |
| 10 | 646773 | JACKET WELDING Blue / Black - X Large |
| 11 | 646774 | JACKET WELDING Blue / Black - XX Large |
| 12 | 455200 | Ear Muff Silencer Light Duty 27dB AS1270 |
| 13 | 455317 | Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270 |
| 14 | 454638 | Visor High Impact - Shade 5 |

CutSkill 45



Part No: 1-1601-40
CUTSKILL 45 PLASMA CUTTER

PLASMA

3
YEAR*

UP TO 16mm
PLATE THICKNESS

240V 15A

DETAILS



Power Source Weight	11.8kg
Plant (Package) Weight	15.5kg
Power Source Dimensions	H 385mm W 165mm D 495mm

PACKAGE CONTENTS

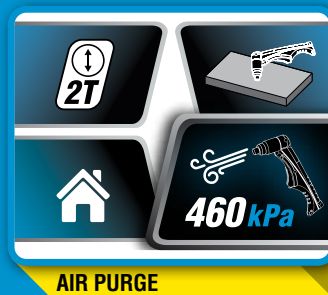
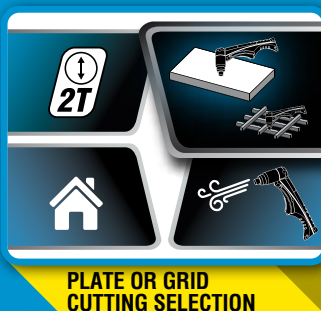
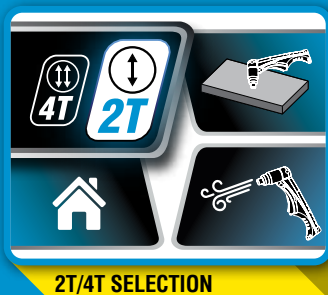
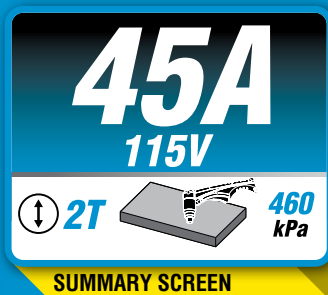
CutSkill 45 Plasma Cutter Plant

- Cutskill 45 Plasma Cutter power source,
- Cutskill 60A Plasma Torch,
- Work Cable and Clamp,
- Wrench for Air Filter,
- 1/4" Nitto Air Line Connector,
- Shoulder Strap, Operation Manual.

SPECIFICATIONS

Mild Steel Clean Cut:	16 mm
Mild Steel Severance:	24 mm
Stainless Clean Cut:	12 mm
Aluminium Clean Cut:	10 mm
Input Power:	240V, 1Ph, PFC, 15A
Duty Cycle:	35% @ 45A
Current Range:	20-45 Amps
Input Air Required:	730 kPa, 110 LPM
Generator Required:	9 kVA
Dimensions:	495 mm L x 165 mm W x 385 mm H
Weight:	11.8 kg

*Refer to operating manual for further details.



PLASMA ACCESSORIES

PLASMA

OPTIONS - ACCESSORY EQUIPMENT

- | | | |
|---|-----------|-----------------------------------|
| 1 | CSP337000 | Cutskill 60A Plasma Torch Package |
| 2 | CSP337039 | Plasma Inline Filter |
| 3 | CSP337040 | Plasma Inline Filter Cartridge |
| 4 | CSP337041 | Circle Cutting Guide |

OPTIONS - ELECTRODES MANUAL ARC

- | | | |
|---|-----------|-----------------------------|
| 1 | CSP337001 | Plasma Cutting Tip 35A |
| 2 | CSP337002 | Plasma Cutting Tip 45A |
| 3 | CSP337003 | Plasma Torch Electrode 60A |
| 4 | CSP337004 | Plasma Torch Standoff Guide |
| 5 | CSP337005 | Shield Cup Torch |
| 6 | CSP337006 | Torch O-Ring |
| 7 | CSP337007 | Torch Gas diffuser |

Inline Filter



Circle Cutting Guide



Front End Consumables



SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

- | | | |
|---|--------|--|
| 1 | 454352 | ProPlus Auto Dark Welding Helmet - Shade 9-13 |
| 2 | 454333 | ProLite Auto Dark Welding Helmet - Claw Shade 9-13 |
| 3 | 454344 | ProLite Matrix Helmet |
| 4 | 454305 | Weldskill Auto Dark Welding Helmet - Blue Shade 9-13 |
| 5 | 453833 | Hiderok Welding Helmet Lift Front |
| 6 | 646755 | Heavy Duty Weldskill Gloves - Large |
| 7 | 646754 | WeldSkill Leather Tig Welding Gloves - Large |

- | | | |
|----|--------|--|
| 8 | 646771 | JACKET WELDING Blue / Black - Medium |
| 9 | 646772 | JACKET WELDING Blue / Black - Large |
| 10 | 646773 | JACKET WELDING Blue / Black - X Large |
| 11 | 646774 | JACKET WELDING Blue / Black - XX Large |
| 12 | 455200 | Ear Muff Silencer Light Duty 27dB AS1270 |
| 13 | 455317 | Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270 |
| 14 | 454638 | Visor High Impact - Shade 5 |

CutSkill 60

CIGWELD has now officially changed plasma cutting forever, with the launch of the new range of CutSkill Manual Plasma machines.

Over two years in development, the new CutSkill 35, CutSkill 45 and CutSkill 60 machines from CIGWELD feature a user interface that not only incorporates the latest in colour LCD technology, but also simplifies the entire cutting set up process.

With a single control knob, the operator can select each function necessary to suit their desired needs.

Decide if you want your torch set to manual or latch mode, whether you're cutting flat plate or grid plate, adjust your current and you're ready to cut! All of these actions are clearly displayed on the massive 2.8" colour LCD display.

Part No: 1-1601-60
CUTSKILL 60 PLASMA CUTTER

PLASMA

3
YEAR*

UP TO 20mm
PLATE THICKNESS

240V 15A

DETAILS



Power Source Weight	13.2kg
Plant (Package) Weight	18.0kg
Power Source Dimensions	H 324mm W 176mm D 437mm

PACKAGE CONTENTS

CutSkill 60 Plasma Cutter Plant

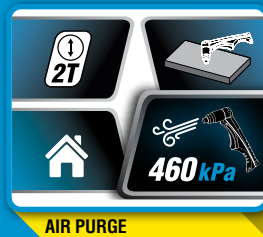
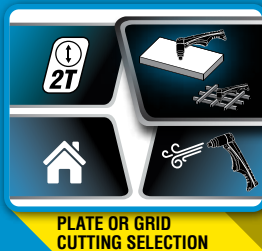
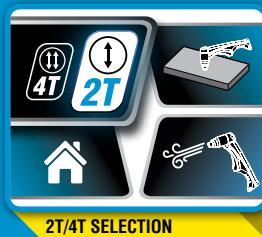
- Cutskill 60 Plasma Cutter power source,
- Cutskill 60A Plasma Torch,
- Work Cable and Clamp,
- Wrench for Air Filter,
- 1/4" Nitto Air Line Connector,
- Shoulder Strap,
- Operation Manual

SPECIFICATIONS

Mild Steel Clean Cut:	20 mm
Mild Steel Severance:	28 mm
Stainless Clean Cut:	14 mm
Aluminium Clean Cut:	12 mm
Input Power:	240V, 1Ph, PFC, 25A Minimum recommended circuit breaker is 25A
Duty Cycle:	20% @ 60A**
Current Range:	20-60 Amps
Input Air Required:	800 kPa, 110 LPM
Generator Required:	15 kVA
Dimensions:	437mm L x 176mm W x 324mm H (Incl Handle)
Weight:	13.2kg

**For maximum duty cycle to be achieved, supply plug and lead must be upgraded to 4mm² lead and 20A Supply plug to achieve 30% @ 60A Duty Cycle. Refer to Operating Manual for more details.

*Refer to operating manual for further details.



PLASMA ACCESSORIES

PLASMA

OPTIONS - ACCESSORY EQUIPMENT

- | | | |
|---|-----------|-----------------------------------|
| 1 | CSP337000 | Cutskill 60A Plasma Torch Package |
| 2 | CSP337039 | Plasma Inline Filter |
| 3 | CSP337040 | Plasma Inline Filter Cartridge |
| 4 | CSP337041 | Circle Cutting Guide |

OPTIONS - ELECTRODES MANUAL ARC

- | | | |
|---|-----------|--------------------------------|
| 1 | CSP337001 | Plasma Cutting Tip 35A |
| 2 | CSP337002 | Plasma Cutting Tip 45A |
| 3 | CSP337095 | Plasma Cutting Tip 60A |
| 4 | CSP337003 | Plasma Torch Electrode 60A |
| 5 | CSP337004 | Plasma Torch Standoff Guide |
| 6 | CSP337005 | Shield Cup Torch |
| 7 | CSP337006 | Torch O-Ring |
| 8 | CSP337007 | Torch Gas diffuser |
| 9 | CSP337096 | Plasma Torch Gouging Tip 1.1mm |



Inline Filter



Circle Cutting Guide



Front End Consumables

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

- | | | |
|---|--------|--|
| 1 | 454352 | ProPlus Auto Dark Welding Helmet - Shade 9-13 |
| 2 | 454333 | ProLite Auto Dark Welding Helmet - Claw Shade 9-13 |
| 3 | 454344 | Prolite Matrix Helmet |
| 4 | 454305 | Weldskill Auto Dark Welding Helmet - Blue Shade 9-13 |
| 5 | 453833 | Hiderok Welding Helmet Lift Front |
| 6 | 646755 | Heavy Duty Weldskill Gloves - Large |
| 7 | 646754 | WeldSkill Leather Tig Welding Gloves - Large |

- | | | |
|----|--------|--|
| 8 | 646771 | JACKET WELDING Blue / Black - Medium |
| 9 | 646772 | JACKET WELDING Blue / Black - Large |
| 10 | 646773 | JACKET WELDING Blue / Black - X Large |
| 11 | 646774 | JACKET WELDING Blue / Black - XX Large |
| 12 | 455200 | Ear Muff Silencer Light Duty 27dB AS1270 |
| 13 | 455317 | Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270 |
| 14 | 454638 | Visor High Impact - Shade 5 |



The CutSkill Tradesman Gas Cutting and Welding kits have been designed for general purpose oxygen - acetylene/LPG cutting and welding applications. As with all gas equipment manufactured by CIGWELD, the items in these kits have been carefully designed to provide the highest quality performance. With a robust and purpose built toolbox, all the equipment and accessories are well protected. This kit offers great value for the most discerning budget conscious buyer.

Part No: 208001
CUTSKILL GAS CUTTING AND WELDING KIT



DETAILS



Gross Weight **7.7kg**
Dimensions **H 360 mm
W 460mm
D 140mm**

9 310574 049437

PACKAGE CONTENTS

CutSkill Tradesman Oxy/Acet

- Oxygen Regulator VI
- Acetylene Regulator VI
- Oxy/Acetylene Gas Hose 5m
- Blowpipe
- Cutting Attachment
- Mixer
- Cutting Nozzle Size 8
- Cutting Nozzle Size 12
- Cutting Nozzle Size 15
- Welding Tip Size 8
- Welding Tip Size 12
- Welding Tip Size 15
- Goggles - Standard
- Combination Spanner
- Tip Cleaner
- Flint Lighter
- Heavy Duty Toolbox



GAS KIT SPARES & ACCESSORIES

OPTIONS - GAS KIT CONSUMABLES

1	210222	Oxygen Regulator VI
2	210223	Acetylene Regulator VI
3	308693	Oxy/Acetylene Gas Hose 5m
4	204001	Blowpipe
5	204005	Cutting Attachment
6	304002	Mixer
7	206047	Cutting Nozzle Size 8
8	206048	Cutting Nozzle Size 12
9	206049	Cutting Nozzle Size 15
10	307001	Welding Tip Size 8
11	307002	Welding Tip Size 12
12	307003	Welding Tip Size 15
13	454031	Goggles - Standard
14	309258	Combination Spanner
15	308036	Tip Cleaner
16	308789	Flint Lighter

OPTIONS - FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	322054	Comweld 316L 1.6mm, 25Rod Handipack
4	321400	Comweld 316L 1.6mm, 5kg/Pk
5	321401	Comweld 316L 2.4mm, 5kg/Pk
6	322020	Comweld Comcoat C 2.4mm 20 rod handipack
7	322206	Comweld Comcoat C 2.4mm 5 rod blister pack
8	322021	Comweld Comcoat C 3.2mm 15 rod Handipack
9	322207	Comweld Comcoat T 2.4mm 5 rod blister pack
10	322208	Comweld Comcoat N 2.4mm 3 rod pack
11	322029	Comweld Comcoat N 2.4mm 10 rod pack
12	322004	Comweld SBA 115 2.4mm 5 rod pack
13	322008	Comweld SBA 245 1.6mm 5 rod pack

OPTIONS - FLUXES

1	321822	Comweld Copper & Brass Flux 250g Jar
2	321840	Comweld Silver Brazing Flux No 2 200g Jar
3	321850	Comweld G.P. Silver Brazing Flux 200g Jar



The CutSkill Tradesman Gas Cutting and Welding kits have been designed for general purpose oxygen - acetylene/LPG cutting and welding applications. As with all gas equipment manufactured by CIGWELD, the items in these kits have been carefully designed to provide the highest quality performance. With a robust and purpose built toolbox, all the equipment and accessories are well protected. This kit offers great value for the most discerning budget conscious buyer.

Part No: 208007
CUTSKILL GAS CUTTING AND WELDING

DETAILS



9 310574 050327

Gross Weight	13.5kg
Dimensions	H 290 mm W 560mm D 280 mm

PACKAGE CONTENTS

CutSkill Tradesman PLUS Oxy/Acet

- Oxygen Regulator VI
- Acetylene Regulator VI
- Oxy/Acetylene Gas Hose 10m
- Blowpipe
- Cutting Attachment
- Mixer
- Flashback Arrestors - Regulator Twin Pack
- Flashback Arrestors - Blowpipe Twin Pack
- Cutting Nozzle Size 8
- Cutting Nozzle Size 12
- Cutting Nozzle Size 15
- Welding Tip Size 8
- Welding Tip Size 12
- Welding Tip Size 15
- Heating Tip Size 8x12 HT
- Roller Guide
- Radius Bar
- Goggles - Premium
- Combination Spanner
- Tip Cleaner
- Flint Lighter
- Heavy Duty Toolbox





GAS KIT SPARES & ACCESSORIES

OPTIONS - GAS KIT CONSUMABLES

1	210222	Oxygen Regulator VI
2	210223	Acetylene Regulator VI
3	308694	Oxy/Acetylene Gas Hose 10m
4	204001	Blowpipe
5	204005	Cutting Attachment
6	304002	Mixer
7	308890	Flash Back Arrestors - Regulator Twin Pack
8	308889	Flash Back Arrestors - Blowpipe Twin Pack
9	206047	Cutting Nozzle Size 8
10	206048	Cutting Nozzle Size 12
11	206049	Cutting Nozzle Size 15
12	307001	Welding Tip Size 8
13	307002	Welding Tip Size 12
14	307003	Welding Tip Size 15
15	307007	Heating Tip Size 8x12 HT
16	308729	Roller Guide
17	308752	Radius Bar
18	454031	Goggles - Standard
19	309258	Combination Spanner
20	308036	Tip Cleaner
21	308789	Flint Lighter

OPTIONS - FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	322054	Comweld 316L 1.6mm, 25Rod Handpack
4	321400	Comweld 316L 1.6mm, 5kg/Pk
5	321401	Comweld 316L 2.4mm, 5kg/Pk
6	322020	Comweld Comcoat C 2.4mm 20 rod handpack
7	322206	Comweld Comcoat C 2.4mm 5 rod blister pack
8	322021	Comweld Comcoat C 3.2mm 15 rod Handpack
9	322207	Comweld Comcoat T 2.4mm 5 rod blister pack
10	322208	Comweld Comcoat N 2.4mm 3 rod pack
11	322029	Comweld Comcoat N 2.4mm 10 rod pack
12	322004	Comweld SBA 115 2.4mm 5 rod pack
13	322008	Comweld SBA 245 1.6mm 5 rod pack

OPTIONS - FLUXES

1	321822	Comweld Copper & Brass Flux 250g Jar
2	321840	Comweld Silver Brazing Flux No 2 200g Jar
3	321850	Comweld G.P. Silver Brazing Flux 200g Jar



The CutSkill Tradesman Gas Cutting and Welding kits have been designed for general purpose oxygen - acetylene/LPG cutting and welding applications. As with all gas equipment manufactured by CIGWELD, the items in these kits have been carefully designed to provide the highest quality performance. With a robust and purpose built toolbox, all the equipment and accessories are well protected. This kit offers great value for the most discerning budget conscious buyer.

Part No: 208011
CUTSKILL GAS CUTTING AND WELDING



DETAILS



9 310574 052406

Gross Weight	7.5kg
Dimensions	H 360mm W 460mm D 140mm

PACKAGE CONTENTS

CutSkill Tradesman Oxy/Acet

- Oxygen Regulator
- LPG Regulator
- Oxy/LPG Gas Hose 5m
- Blowpipe
- Cutting Attachment
- Mixer
- Cutting Nozzle Size 8
- Cutting Nozzle Size 12
- Cutting Nozzle Size 15
- Welding Tip Size 15
- Goggles - Standard
- Combination Spanner
- Tip Cleaner
- Flint Lighter
- Heavy Duty Toolbox



GAS KIT SPARES & ACCESSORIES

OPTIONS - GAS KIT CONSUMABLES

1	210222	Oxygen Regulator
2	201003	LP Regulator
3	308755	Oxy/LPG Gas Hose 5m
4	204001	Blowpipe
5	204005	Cutting Attachment
6	304002	Mixer
7	206026	Cutting Nozzle Size 8
8	206028	Cutting Nozzle Size 12
9	206029	Cutting Nozzle Size 15
10	307068	Welding Tip Size 8
11	307059	Welding Tip Size 15
12	454031	Goggles - Standard
13	309258	Combination Spanner
14	308036	Tip Cleaner
15	308789	Flint Lighter

OPTIONS - FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	322054	Comweld 316L 1.6mm, 25Rod Handipack
4	321400	Comweld 316L 1.6mm, 5kg/Pk
5	321401	Comweld 316L 2.4mm, 5kg/Pk
6	322020	Comweld Comcoat C 2.4mm 20 rod handipack
7	322206	Comweld Comcoat C 2.4mm 5 rod blister pack
8	322021	Comweld Comcoat C 3.2mm 15 rod Handipack
9	322207	Comweld Comcoat T 2.4mm 5 rod blister pack
10	322208	Comweld Comcoat N 2.4mm 3 rod pack
11	322029	Comweld Comcoat N 2.4mm 10 rod pack
12	322004	Comweld SBA 115 2.4mm 5 rod pack
13	322008	Comweld SBA 245 1.6mm 5 rod pack

OPTIONS - FLUXES

1	321822	Comweld Copper & Brass Flux 250g Jar
2	321840	Comweld Silver Brazing Flux No 2 200g Jar
3	321850	Comweld G.P. Silver Brazing Flux 200g Jar



The CutSkill Tradesman Gas Cutting and Welding kits have been designed for general purpose oxygen - acetylene/LPG cutting and welding applications. As with all gas equipment manufactured by CIGWELD, the items in these kits have been carefully designed to provide the highest quality performance. With a robust and purpose built toolbox, all the equipment and accessories are well protected. This kit offers great value for the most discerning budget conscious buyer.

Part No: 208021
CUTSKILL GAS CUTTING AND WELDING

DETAILS



9 310574 050327

Gross Weight	8.8kg
Dimensions	H 260mm W 520mm D 410mm

PACKAGE CONTENTS

CutSkill Tradesman PLUS Oxy/LPG

- Oxygen Regulator
- LPG Regulator
- Oxy/LPG Gas Hose 10m
- Blowpipe
- Cutting Attachment
- Mixer
- Flashback Arrestors - Regulator Twin Pack
- Flashback Arrestors - Blowpipe Twin Pack
- Cutting Nozzle Size 8
- Cutting Nozzle Size 12
- Cutting Nozzle Size 15
- Welding Tip Size 8
- Welding Tip Size 12
- Welding Tip Size 15
- Heating Tip Size 8x12 HT
- Roller Guide
- Radius Bar
- Goggles - Premium
- Combination Spanner
- Tip Cleaner
- Flint Lighter
- Heavy Duty Toolbox





GAS KIT SPARES & ACCESSORIES

OPTIONS - GAS KIT CONSUMABLES

1	210222	Oxygen Regulator
2	201003	LP Regulator
3	308834	Oxy/LPG Gas Hose 10m
4	204001	Blowpipe
5	204005	Cutting Attachment
6	304002	Mixer
7	308890	Flash Back Arrestors - Regulator Twin Pack
8	308889	Flash Back Arrestors - Blowpipe Twin Pack
9	206026	Cutting Nozzle Size 8
10	206028	Cutting Nozzle Size 12
11	206029	Cutting Nozzle Size 15
12	307068	Welding Tip Size 8
13	307059	Welding Tip Size 15
14	306034	Heating Tip Size 8x12 HT
15	308729	Roller Guide
16	308752	Radius Bar
17	454031	Goggles - Standard
18	309258	Combination Spanner
19	308036	Tip Cleaner
20	308789	Flint Lighter

OPTIONS - FILLER RODS

1	321411	Comweld LW1 1.6mm, 5kg/Pk
2	321412	Comweld LW1 2.4mm, 5kg/Pk
3	322054	Comweld 316L 1.6mm, 25Rod Handipack
4	321400	Comweld 316L 1.6mm, 5kg/Pk
5	321401	Comweld 316L 2.4mm, 5kg/Pk
6	322020	Comweld Comcoat C 2.4mm 20 rod handipack
7	322206	Comweld Comcoat C 2.4mm 5 rod blister pack
8	322021	Comweld Comcoat C 3.2mm 15 rod Handipack
9	322207	Comweld Comcoat T 2.4mm 5 rod blister pack
10	322208	Comweld Comcoat N 2.4mm 3 rod pack
11	322029	Comweld Comcoat N 2.4mm 10 rod pack
12	322004	Comweld SBA 115 2.4mm 5 rod pack
13	322008	Comweld SBA 245 1.6mm 5 rod pack

OPTIONS - FLUXES

1	321822	Comweld Copper & Brass Flux 250g Jar
2	321840	Comweld Silver Brazing Flux No 2 200g Jar
3	321850	Comweld G.P. Silver Brazing Flux 200g Jar

BLOWPIPE

The CutSkill blowpipe is a budget priced alternative to the Comet 3 Blowpipe. Like the entire range of CIGWELD's gas equipment products, this quality blowpipe is manufactured to stringent internal engineering standards. The blowpipe can be used with complete confidence and is suitable for a wide range of applications including fusion welding, braze welding, brazing and hand cutting.

**Part No: 204001
CUTSKILL BLOWPIPE**



CUTTING ATTACHMENT

The CutSkill cutting attachment is a budget priced alternative to the Comet 3 Cutting Attachment. Like the entire range of CIGWELD's gas equipment products, this quality cutting attachment is manufactured to stringent internal engineering standards suitable for a wide range of hand cutting applications.

**Part No: 204005
CUTSKILL CUTTING ATTACHMENT**



REGULATOR FLOWMETER

The 201710 and 201711 CutSkill Flowmeters provide accurate indication of flow rate of shielding gases for MIG and TIG welding processes.

The 201710 Flowmeter has been designed for TIG processes and is calibrated for 1 to 15 lpm.

The 201030 and 201031 Regulator/Flowmeters provide accurate indication of flow rate of shielding gases for MIG and TIG welding processes. The Regulator/Flowmeters have been designed for TIG processes and for MIG, Short Arc and Spray Arc applications and are calibrated for 0 to 30 lpm.



**Part No: 201710
CUTSKILL FLOWMETER
ARGON 0-30 LPM**



**Part No: 201711
CUTSKILL FLOWMETER
ARGON 10-40 LPM**



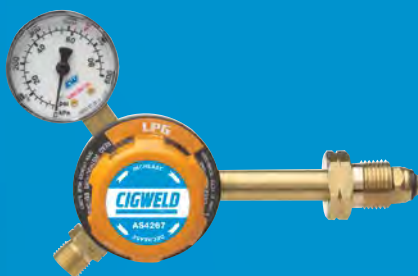
**Part No: 201030
CUTSKILL REGULATOR
ARGON/CO2 VERTICAL INLET**



**Part No: 201031
CUTSKILL REGULATOR
ARGON/CO2 SIDE INLET**



REGULATORS



Part No: 201003
CUTSKILL 251 REGULATOR LPG



Part No: 201008
CUTSKILL C02 REGULATOR



Specifically designed for the budget conscious buyer, CutSkill regulators offer excellent quality and performance for use with most light to medium applications. CutSkill regulators conform to AS4267 and are factory set to deliver the correct maximum pressure or flow. CutSkill regulators are based on a proven design that offers robust construction combined with renowned CIGWELD quality and represent genuine value for money.



Part No: 210222
CUTSKILL REGULATOR
TWIN GAUGE - OXYGEN



Part No: 210223
CUTSKILL REGULATOR
TWIN GAUGE - ACETYLENE



Part No: 210254
CUTSKILL REGULATOR (MIG/TIG)
TWIN GAUGE - ARGON



Part No: 201021
CUTSKILL REGULATOR PRESET
VERTICAL INLET - ARGON



CUTSKILL CUTTING ATTACHMENTS, BLOWPIPE AND REGULATORS

CUTSKILL BLOWPIPE

- | | | |
|---|--------|-------------------|
| 1 | 204001 | Cutskill Blowpipe |
|---|--------|-------------------|

CUTSKILL CUTTING ATTACHMENT

- | | | |
|---|--------|-----------------------------|
| 1 | 204005 | Cutskill Cutting Attachment |
|---|--------|-----------------------------|

CUTSKILL REGULATORS

- | | | |
|---|--------|---|
| 1 | 201000 | CutSkill Oxygen 1000KPA 2 Gauge SI AS4267 |
| 2 | 210223 | CutSkill Acetylene 800KPA 2 Gauge VI AS4267 |
| 3 | 201003 | CutSkill LPG 400KPA 1 Gauge SI AS4267 |
| 4 | 201019 | Cutskill Argon 55lpm 2 Gauge Side Inlet |

- | | | |
|----|--------|--|
| 5 | 201024 | Reg G251 Arg 200kpa Preset Side Inlet |
| 6 | 201008 | Cutskill C02 20lpm 2 Gauge Side Inlet |
| 7 | 210319 | Cutskill C02 Home Brew 400kpa 2 Gauge SI |
| 8 | 201710 | Cutskill Argon 0-15 LPM Flowmeter |
| 9 | 201711 | Cutskill Argon/Co2 10-40 LPM Flowmeter |
| 10 | 201031 | Reg Flow Arg 30lpm Side C/S |
| 11 | 310349 | Cutskill Nitrogen Purging Reg 3500kpa Type 50 SI |


PINK LADY

CIGWELD WeldSkill Welding Helmets are specifically designed for the budget conscious user and offer excellent comfort & performance.

The WeldSkill Auto-Darkening helmet range is fitted with the latest auto-darkening shade lenses and is available in 8 models; one with a fixed shade 11 lens and 7 other models with a variable shade 9-13 lens. All models can be fitted with an optional CIGWELD magnification lens which magnifies the work area to substantially assist the welder in maintaining the high standards required.

The value-for-money WeldSkill Auto-Darkening helmet range provides the personal eye protection required for a solid day's welding.

Part No: 454336
WELDSKILL WELDING HELMET
VARIABLE 9-13 - PINK LADY

MIG
STICK
TIG

DETAILS

Helmet Weight	495-530 g
Helmet (Package) Weight	1.0 kg
Box Dimensions	H 305mm W 230mm D 225mm

PACKAGE CONTENTS

WeldSkill Auto-Darkening Welding Helmet

- WeldSkill Auto-Darkening Welding Helmet
- Front Cover Lens (spare x 1)
- Rear Cover Lens (spare x 1)
- Operating Manual

SPECIFICATIONS

	FIXED SHADE 11	VARIABLE SHADE 9-13
Features	Sensitivity & delay adjustments Optional magnification lens compatible	Variable shade control (9-13) Sensitivity & delay adjustments Optional magnification lens compatible Grinding mode
Filter lens dimensions	110 x 90 x 9mm	110 x 90 x 9mm
Viewing area dimensions	94 x 36mm	98 x 43mm
Reaction time	0.2ms*	0.2ms*
Sensors	2 optical sensors	2 optical sensors
Power supply	Solar cells	Solar cells
Unactivated shade level	4	4
Operating temperature	-5°C to +55°C	-5°C to +55°C
On/Off control	Automatic	Automatic
Weight	495g	530g
Package contents	WeldSkill Auto-Darkening Welding Helmet Front Cover Lens (spare) Rear Cover Lens (spare) Operating Manual	



FLAMING SKULL



ESSENTIAL[^]



RACER



CARBON FIBRE



TRIBAL



OZ FLAG



BLUE



BLACK
(FIXED SHADE)

* only recommended for TIG welding of 60Amps & above (2 sensor).



AUTO DARKENING
9-13 FILTER LENS



AUTO DARKENING
FIXED SHADE 11 LENS



MEDIUM
IMPACT



ULTRA VIEW LENS
(TRUE COLOUR
LENS) WITH BLUE
LIGHT FILTER



REPLACEABLE
BATTERY
(EXCLUDING
ESSENTIAL & BLACK
HELMETS)



HIGH SPEED
REACTION TIME



ADJUSTABLE
SENSITIVITY &
DELAY



OPTIONAL
MAGNIFICATION LENS



LIMITED
WARRANTY[^]

[^] Essential Helmet - 1 Year Limited Warranty

ORDERING INFORMATION

HELMET RANGE

1	454304	Weldskill Welding Helmet Fixed Shade 11 - Black
2	454336	Weldskill Welding Helmet Variable 9-13 - Pink Lady
3	454335	Weldskill Welding Helmet Variable 9-13 - Flaming Skull
4	454305	Weldskill Welding Helmet Variable 9-13 - Blue

5	454314	Weldskill Welding Helmet Variable 9-13 - Carbon Fibre
6	454321	Weldskill Welding Helmet Variable 9-13 - Racer
7	454322	Weldskill Welding Helmet Variable 9-13 - Tribal
8	454324	Weldskill Welding Helmet Variable 9-13 - Oz Flag
9	454337	Weldskill Essential Welding Helmet Variable 9-13.

OPTIONAL ACCESSORIES

OPTIONS - SAFETY EQUIPMENT

1	454306	Weldskill Auto Darkening Filter Lens Fixed Shade 11
2	454307	Weldskill Auto Darkening Filter Lens Variable Shade 9-13
3	450077	Weldskill Safety Kit
4	454308	Front Cover Lens Weldskill Auto Darkening
5	454309	Rear Cover Lens Weldskill Auto Darkening
6	454310	Harness Assembly Weldskill Welding Helmet
7	454311	Sweat Band Weldskill Welding Helmet

8	454315	Control Knob External Weldskill
9	454320	Magnification Lens Frame
10	454012	Magnification Lens 1.50 Diopter
11	454010	Magnification Lens 2.00 Diopter
12	454014	Magnification Lens 2.25 Diopter
13	454011	Magnification Lens 2.50 Diopter
14	454338	Rear Cover Weldskill Essential Helmet



Whether you've got your nose to the grindstone or you're striking an arc, you can trust CIGWELD's ProLite series of auto-darkening helmets to keep you focused.

You've only got two eyes, so why take any chances with flash burns. With a ProLite welding helmet, you can work in comfort and safety wherever you are – thanks to state of the art auto-darkening technology. It's all down to four sensors. Even at very low amperages, the helmet remains dark which makes it ideal for TIG work as well as more powerful stick and MIG jobs.

Part No: 454344

**PROLITE AUTO DARKENING
WELDING HELMET - MATRIX 1.0**

MIG

STICK

TIG

PLASMA

DETAILS

Helmet Weight	470 g
Helmet (Package) Weight	1.0 kg
Box Dimensions	H 305mm W 230mm D 225mm

PACKAGE CONTENTS

ProLite Auto-Darkening Welding Helmet

- ProLite Auto-Darkening Welding Helmet
- Helmet Bag,
- Front Cover Lenses (spare x 2)
- Rear Cover Lenses (spare x 2),
- Sweatband (spare x 1)
- Operating Manual

SPECIFICATIONS

Viewing Area	98 x 55mm
Cartridge Size	120 x 100 x 18 mm
Number of Sensors	4 Optical Sensors
Light State	Shade 4
Grind State	Shade 4
Arc Welding Shades	Shade 9 to 13
Plasma Cutting Shades	Shade 9 to 13
Power On/Off	Automatic
Sensitivity Control	Low to High
UV/IR Protection	All Shades Provide Continuous UV/IR Protection
Power Supplies	Solar cell, Replaceable 2 x CR2450 Lithium Batteries (Included)
Modes	Welding & Grinding
Delay Time (Dark to Light)	Min (0.3 sec) - Max (0.9 sec)
Operating Temperature	-5°C to +55°C
Storing Temperature	-20°C to +70°C
Helmet Material	High Impact Resistant Nylon
Total Weight	470g
Applications:	MIG (GMAW/FCAW), Stick (MMAW), TIG (GTAW), Plasma Arc Cutting (PAC), Plasma Arc Welding (PAW), Carbon Arc Gouging-Air (CAG-A).

As with all CIGWELD products, our helmets have been designed to make your life easier. A simple switch allows you to choose between welding and grinding modes, so you're not plunged into darkness the moment you pick up your grinder. There's an optional magnification lens too, which slots in easily to make light work of more fiddly jobs.

Best of all, the ProLite range is fully compliant with Australian standards – which means you're buying from a brand you can trust.

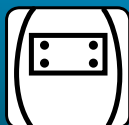

CLAW

SPACE

SPIDER

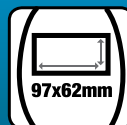
SHADOW

HOWLING WOLF

**AUTO DARKENING
9-13 FILTER LENS**

4 SENSOR

**HIGH
IMPACT**

**TRUE COLOUR
ULTRA VIEW LENS (TRUE COLOUR
LENS) WITH BLUE
LIGHT FILTER**

BATTERY

**VIEWING AREA
97x62mm**

**HIGH SPEED
REACTION TIME**

**ADJUSTABLE
SENSITIVITY &
DELAY**

**OPTIONAL
MAGNIFICATION LENS**

**3
YEAR*
LIMITED
WARRANTY**

ORDERING INFORMATION

HELMET RANGE

1	454332	ProLite Auto Darkening Welding Helmet - Space
2	454333	ProLite Auto Darkening Welding Helmet - Claw
3	454334	ProLite Auto Darkening Welding Helmet - Shadow

4	454342	ProLite Auto Darkening Welding Helmet - Howling Wolf
5	454343	ProLite Auto Darkening Welding Helmet - Redback Spider
6	454344	ProLite Auto Darkening Welding Helmet - Matrix 1.0

OPTIONAL ACCESSORIES

OPTIONS - SAFETY EQUIPMENT

1	454326	Sweatband
2	454327	Harness Assembly including Sweatband
3	454328	Rear Cover Lens
4	454325	Auto Darkening Filter Lens
5	454329	Front Cover Lens

6	454330	Control Knob External Weldskill
7	454012	Magnification Lens 1.50 Diopter
8	454010	Magnification Lens 2.00 Diopter
9	454014	Magnification Lens 2.25 Diopter
10	454011	Magnification Lens 2.50 Diopter



Enhance your performance with the ProPlus Welding Helmet. When the focus of your day is a white hot point of molten metal, you want to make sure that focus is at your control. The CIGWELD ProPlus Digital Auto-Darkening Welding Helmet has exceptional response inbuilt to the 4 sensor auto darkening filter lens to ensure there is no disruption between welding jobs.

Move between welding, cutting and grinding without distraction- the helmet reaction time is 1/25,000th of a second. The low amperage TIG rating of 2 amps and above supports even the most subtle welding applications, so you can control the arc while your helmet intelligently controls the visibility.

Part No: 45353
PROPLUS AUTO DARKENING WELDING
HELMET - PRO RACER

MIG

STICK

TIG

PLASMA

DETAILS



Helmet Weight	500 g
Helmet (Package) Weight	1.0 kg
Box Dimensions	H 325mm W 235mm D 282mm

PACKAGE CONTENTS

ProPlus Auto-Darkening Welding Helmet

- ProLite Auto-Darkening Welding Helmet
- Helmet Bag,
- Front Cover Lenses (spare x 2)
- Rear Cover Lenses (spare x 2),
- Sweatband (spare x 1)
- Operating Manual

SPECIFICATIONS

Optical Class:	1 / 1 / 1 / 2
Viewing Area:	97 x 62 mm
Cartridge Size:	133 x 114 x 9 mm
Number of Sensors:	4 Optical Sensors
Light State:	Shade No. 4
Grind State:	Shade No. 4
Oxy/Fuel Welding & Cutting Shades:	Shade No. 5 to No. 8 Digitally Controlled
Arc Welding Shades:	Shade No. 8 to No. 13 Digitally Controlled
Plasma Cutting Shades:	Shade No. 8 to No. 13 Digitally Controlled
Shade Control:	Internal, Variable Shade Digitally Controlled
Power On/Off:	Manual-On, Auto-Off
Sensitivity Control:	Low No. 0 to High No. 10 Digitally Controlled
UV/IR Protection:	All Shades Provide Continuous UV/IR Protection
Power Supplies:	Solar cell, Replaceable 2 x CR2450 Lithium Batteries (Included)
Switching Time (Light to Dark):	0.00004 (1/25,000) Seconds
Modes:	Welding, Cutting & Grinding
Delay Time (Dark to Light):	0.1 ~ 1.0s Digitally Controlled
Low Amperage TIG Rated:	≥ 2 amps (DC); ≥ 2 amps (AC)
Operating Temperature:	-10°C ~ +55°C
Storing Temperature:	-20°C ~ +70°C
Helmet Material:	High Impact Resistant Nylon
Total Weight:	500g

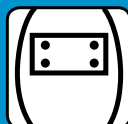
This feature packed welding helmet incorporates all the features you want and develops them to react intuitively to your working style. The digital LCD display delivers a discreet feed of the settings with a manual option for when you require total control. And the precision designed viewing area provides the optimal dimensions to hone in on the task without fringe distractions.

You'll also love the endless endurance of the solar assisted battery life in this high performance helmet when the ergonomic 4 point harness with cushion support that moulds to your head.

In addition to above features, optional CIGWELD magnification lenses can further extend the vision enhancement of the ProPlus Welding Helmet. The seamless environment of this cutting edge mask will hone your day into laser point of focus. Why not find out how efficient you can be?



**AUTO DARKENING
5-13 FILTER LENS**



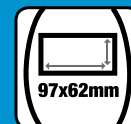
4 SENSOR



DIGITAL DISPLAY



HIGH IMPACT



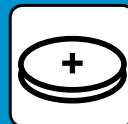
**VIEWING AREA
97X62MM**



**HIGH SPEED
REACTION TIME**



**ADJUSTABLE
SENSITIVITY &
DELAY**



BATTERY



**OPTIONAL
MAGNIFICATION LENS**



**2
YEARS*
LIMITED
WARRANTY**



BARBED WIRE



BLUE



WEB



PRO RACER

ORDERING INFORMATION

HELMET RANGE

1	454350	ProPlus Auto Darkening Welding Helmet - Blue
2	454351	ProPlus Auto Darkening Welding Helmet - Web
3	454352	ProPlus Auto Darkening Welding Helmet - Barbed Wire
4	454353	ProPlus Auto Darkening Welding Helmet - Pro Racer

OPTIONAL ACCESSORIES

OPTIONS - SAFETY EQUIPMENT

1	454354	Digital Auto Darkening Filter Lens
2	454355	Front Cover Lens Seal
3	454356	Front Cover Lens
4	454357	Rear Cover Lens
5	454358	Harness Assembly
6	454359	Sweatband
7	454012	Magnification Lens 1.50 Diopter
8	454010	Magnification Lens 2.00 Diopter
9	454014	Magnification Lens 2.25 Diopter
10	454011	Magnification Lens 2.50 Diopter



MAGNETIC CLAMPS

Our WeldSkill Magnetic Work Clamps are the ideal accessory when welding and cutting. Easily keep your workpiece in place with up to 22kg holding capacity!



Part No: 646764
MAGNETIC CLAMP MEDIUM



Part No: 646765
MAGNETIC CLAMP LARGE



WELDING BLANKET

A leather welding blanket ideal for protecting workshop equipment

- A Heavy Duty Split Cowhide Leather.
- 1.8m x 1.8m.
- Protects valuable equipment and property against harmful exposure to indirect flame, spatter and molten splash.
- Flame resistant Kevlar stitching.
- Brass eyelets.



Part No: 646778
WELDSKILL WELDING BLANKET



WELDSKILL WELDING CURTAINS

Welding Curtain DARK GREEN

- Low Transparency, High UV and blue light resistance.
- Protects against exposure to flame, spatter and molten splash.
- Kevlar stitched.
- Brass grommets around edges for easy attachment to frames.
- EN25980:2015.
- Includes Stainless Steel Curtain Rings.



Part No: 646770
WELDING CURTAIN - DK GREEN



Welding Curtain RED

- Moderate Transparency, Moderate UV resistance.
- Protects against exposure to flame, spatter and molten splash.
- Kevlar stitched.
- Brass grommets around edges for easy attachment to frames.
- EN25980:2015.
- Includes Stainless Steel Curtain Rings.



Part No: 646777
WELDING CURTAIN - RED



WELDING JACKET BLUE/BLACK

A light weight flame resistant cotton jacket offering the perfect protection for welding.

- Insulated and dielectric press studs.
- Flame resistant Kevlar stitching.
- Adjustable press stud sleeves for ultimate fit and spark protection.
- Roll up collar with adjustable press studs for ultimate fit and spark protection.
- Adjustable press stud waist for greater comfort and fit.
- Fully washable material.
- Two convenient inside pockets.



Part No: 646771
WELDING JACKET - MEDIUM
M, L, XXL & XXXL AVAILABLE



WELDSKILL WELDING GLOVES

WELDSKILL HEAVY DUTY LEATHER WELDING GLOVES

Suitable for a broad range of welding applications.

- Kevlar stitching for increased durability.
- Full sock lining for maximum comfort.



Part No: 646755
HEAVY DUTY WELDING GLOVES

WELDSKILL LEATHER TIG WELDING GLOVES

Form fitting welding gloves suitable for a broad range of welding applications.

- Kevlar stitching for increased durability.
- Fine grain leather construction provides superior flexibility and dexterity for TIG welding applications.



Part No: 646754
TIG WELDING LEATHER GLOVES



SAFETY EQUIPMENT

SAFETY EQUIPMENT

1	646766	Heavy Duty WeldSkill Gloves - Medium
2	646755	Heavy Duty WeldSkill Gloves - Large
3	646767	Heavy Duty WeldSkill Gloves - XL
4	646754	WeldSkill Leather Tig Welding Gloves - Large
5	646771	JACKET WELDING Blue / Black - Medium
6	646772	JACKET WELDING Blue / Black - Large
7	646773	JACKET WELDING Blue / Black - X Large
8	646774	JACKET WELDING Blue / Black - XX Large
9	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

10	646778	WeldSkill Welding Blanket
11	646770	WeldSkill Welding Curtain- Dark Green
12	646777	WeldSkill Welding Curtain- Red
13	646776	WeldSkill Curtain Frame
14	454615	Face Shield Complete Polycarbonate clear high velocity AS1337
15	454638	Visor Complete High Impact Shade 5
16	646764	WeldSkill Magnetic Work Clamp/Holder - Medium
17	646765	WeldSkill Magnetic Work Clamp/Holder - Large

CIGWELD – FILLER METALS SELECTION CHART

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
WS0906	WeldSkill Solid Wire 0.6mm 0.9kg Minispool	A5.18: ER70S-6	“14341: B G 49A 3U C1/ M14/M21/M23/M24 S6 Suitable for use with the following shielding gases; CO ₂ , or Argon+CO ₂ mixes, or Argon+CO ₂ +O ₂ Mixes.”	“Suitable for the Gas Metal Arc Welding (GMAW) also known as Metal Inert Gas (MIG) welding of mild and low alloy steels, used in general welding, fabrication and structural steel work. The wire is copper coated and suitable for the all positional welding on steel pipes, tubes, sheets, plates, sections, panels, bars, rods and galvanised steels.”
WS0908	WeldSkill Solid Wire 0.8mm 0.9kg Minispool			
WS0909	WeldSkill Solid Wire 0.9mm 0.9kg Minispool			
WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool			
WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool			
WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool			
720103	Autocraft LW1-6 Mig Wire Mild Steel 0.6mm/15kg spool			
720114	Autocraft LW1-6 Mig Wire Mild Steel 0.8mm/15kg spool			
720090	Autocraft LW1-6 Mig Wire Mild Steel 0.9mm/15kg spool			
720096	Autocraft LW1-6 Mig Wire Mild Steel 1.2mm/15kg spool			

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg Minispool	A5.20: E71T-GS	17632: B T 49 Z T14 1 SN A	Self-shielded flux cored wire. Ideal for welding thin section mild and galvanised steels. Versatile, all positional capabilities. NO GAS REQUIRED!
WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg Minispool			
WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool			
WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool			

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
721221	Autocraft AL5356 0.8mm 0.5kg Minispool	A5.10: ER5356	18273: S AL 5356 Suitable for use with the following shielding gases; Welding Grade Argon (99.95%), or Argon+Helium mixes, or Helium+Argon mixes.	Autocraft AL5356 is a premium quality, Aluminium - nominal 5% Magnesium alloy suitable for the Gas Metal Arc Welding (GMAW) of a wide range of cast and wrought Aluminium alloy. It produces intermediate deposit strength and good ductility and corrosion resistance for MIG welding of a wide range of 3XXX, 5XXX, 6XXX and 5XX Aluminium alloys. Suitable for Marine Grade Alloys.
721223	Autocraft AL5356 0.9mm 0.5kg Minispool			
721224	Autocraft AL5356 1.0mm 0.5kg Minispool			
723224	Autocraft AL5356 1mm/2kg spool			
722226	Autocraft AL5356 0.9mm/7kg spool			
722227	Autocraft AL5356 1.2mm/7kg spool			

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
721285	Autocraft 316LSi .8mm 1kg Minispool	A5.9: ER316LSi	14343: B SS316LSi Suitable for use with the following shielding gases; Argon+2%CO ₂ , or Argon+2%O ₂ , or Argon+Helium+CO ₂ mixes.	Suitable for the general welding of other 300 and 400 series stainless steels including 301, 302, 304/304L, 321, 347, 410 and 430
720283	Autocraft 316LSi .9mm/5kg spool			
721286	Autocraft 316LSi .9mm/15kg spool			

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
611182	Satincraft 13 2.5mm 5kg/pk	A5.1: E6013	4855: B E4313 A	Satincraft 13 (the Blue coated Electrode) is famous for being easy to use. Applications include the general workshop, field and structural welding of mild or galvanised steel components such as pipes, tanks, frames, fences and gates etc
611183	Satincraft 13 3.25mm 5kg/pk			
611232	Ferrocrafter 12XP 2.5mm 5kg/pk			Ferrocrafter 12XP is recommended for all your general purpose repair, maintenance and fabrication welding jobs around the home, workshop, farm, fabrication and jobbing shops. Include the all positional fillet welding of steel furniture, plates, fences, gates, pipes and tanks etc
611233	Ferrocrafter 12XP 3.25mm 5kg/pk			
WEG2525	WeldSkill GP 2.5mm 2.5kg/pk			General purpose versatile electrode. Ideal for all positional welding of thin steel sections. Ideal for all positional welding of thin steel sections.
WEG2532	WeldSkill GP 3.2mm 2.5kg/pk			



PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK	A5.1: E7016	2560-A:E 38 2B 32 H10	OK 53.16 is a double-coated electrode combining the running characteristics of a rutile electrode with the mechanical properties of a basic electrode. OK 53.16 welds on both AC and DC and the spatter loss is minimal
53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK			
53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK			
611662	Satinchrome 316 2.5mm 2.5kg/pk	A5.4: E316L-17	4854: B ES316L-17	Suitable for the general purpose fillet & butt welding of "300 series" austenitic stainless steels including 301, 302, 303 and 304/304L, 305, 3CR12 types including matching 316 and 316L grades and Marine Grade stainless steels. Designed for welding in all positions except vertical-down.
611663	Satinchrome 316 3.25mm 2.5kg/pk			
WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk	A5.4: E316L-16	4854: ES316L-16	
WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk			

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
321411	Comweld LW1 1.6mm, 5kg/Pk	A5.18: ER70S-4	1167.2: R4	Suitable for the oxy-acetylene (fusion) welding and Gas Tungsten Arc (TIG) welding of a wide range of mild and medium strength steels
321412	Comweld LW1 2.4mm, 5kg/Pk	A5.18: ER70S-4	1167.2: R4	
322054	Comweld 316L 1.6mm, 25Rod Handipack	A5.9: ER316L	1167.2: R316L	Suitable for the general welding of other 300 series stainless steels including 302 and 304; as well as ferritic stainless steels grades such as 409, 444 and 3Cr12
321400	Comweld 316L 1.6mm, 5kg/Pk	A5.9: ER316L	1167.2: R316L	
321401	Comweld 316L 2.4mm, 5kg/Pk	A5.9: ER316L	1167.2: R316L	
322020	Comweld Comcoat C 2.4mm 20 rod Handipack	A5.8/A5.27:RB Cu Zn-C	1167. Parts 1 & 2: R Cu Zn-C	Comcoat C (Manganese Bronze) is a flux coated bronze filler rod which is an ideal maintenance rod for a wide range of self fluxing braze welding applications including the joining of cast iron, malleable iron, steel, etc
322206	Comweld Comcoat C 2.4mm 5 rod blister pack	A5.8/A5.27:RB Cu Zn-C	1167. Parts 1 & 2: R Cu Zn-C	
322021	Comweld Comcoat C 3.2mm 15 rod Handipack	A5.8/A5.27:RB Cu Zn-C	1167. Parts 1 & 2: R Cu Zn-C	
322207	Comweld Comcoat T 2.4mm 5 rod blister pack	A5.8/A5.27:RB Cu Zn-A	1167. Parts 1 & 2: R Cu Zn-A	Comcoat T (Tobin Bronze) is flux coated bronze filler rod that is self fluxing for brazing selected brass and bronze alloys and is also used for the braze welding of mild steel in low stress applications such as the 'filling' of car body panels
322208	Comweld Comcoat N 2.4mm 3 rod pack	A5.8/A5.27:RB Cu Zn-D	1167. Parts 1 & 2: R Cu Zn-D	Comcoat N (Nickel Bronze) offers superior wear resistance & strength which makes it ideal for the build up of worn ferrous metal components including gear teeth, valve seats, bearings and shafts etc
322029	Comweld Comcoat N 2.4mm 10 rod pack	A5.8/A5.27:RB Cu Zn-D	1167. Parts 1 & 2: R Cu Zn-D	
322004	Comweld SBA 115 2.4mm 5 rod pack	A5.8: BCuP-5	1167.1: B4	COMWELD SBA 115 (15% Silver) has the good high shear strength combined with the lowest operating temperatures for flux free brazing of copper and copper alloys. Used on hot water tanks, copper tubing and plumbing, etc. Use with Flux id using to join different metals, COMWELD Silver Brazing Flux No.2.
322008	Comweld SBA 245 1.6mm 5 rod pack	A5.8: BCuP-5	1167.1: B4	COMWELD SBA 245 (45% Silver) is very versatile, with the lowest melting point of cad-bearing silver brazing alloys with exceptional strength and a narrow melting range. Because of its ease of application it is ideal for use by the hobbyist, handyman or by persons in the trade. Used for joining steel, copper, brass, nickel and magnetic grade stainless steels to themselves or each other (dissimilar metal joining). Use with Flux, COMWELD Silver Brazing Flux No.2.

PART NUMBER	PRODUCT NAME:	AWS CLASSIFICATION:	ISO AS/NZS CLASSIFICATION:	DESCRIPTION & APPLICATIONS:
321822	Comweld Copper & Brass Flux 250g Jar	NA	NA	For Universal Braze Welding (not silver soldering) applications using COMWELD Tobin, Manganese and Nickel Bronze gas brazing rods.
321840	Comweld Silver Brazing Flux No.2, 200g Jar	NA	NA	"For Silver Brazing of Carbon Steel, Stainless Steels & Dissimilar Metals"
321850	Comweld G.P. Silver Brazing Flux 200g Jar	NA	NA	"For Silver Brazing of Steel, Nickel, Brass, Bronze, Copper, and Stainless Steels."

CIGWELD TICKS ALL THE BOXES...

- ✓ A reputable brand, with company history dating back in Australia from 1922.
- ✓ Outstanding reputation and product quality and reliability
- ✓ An extensive product portfolio that covers 10 core product ranges in welding & cutting, while being supported by our other reliable brands in Tweco, Thermal Dynamics, Stoodly & Arcair.
- ✓ Regional warehousing throughout Australia for speedy delivery turnaround
- ✓ An experienced sales team of welding professionals, specialised in providing welding solutions
- ✓ A responsive customer care centre to support your account requirements Monday to Friday 8.00am - 5.00pm AEST
- ✓ A professional technical support team providing troubleshooting assistance, operator guidance and technical advice on our product offering.
- ✓ Australian Standards Conformance and/or Compliance across a range of our product portfolios.
- ✓ National Authorised Service Provider Network

CUSTOMER SERVICE YOU CAN RELY ON...

Service excellence is a long-standing tradition and trademark for the CIGWELD & ESAB Brands and we believe that excellent service is best defined by our customers. While we continually strive to raise our internal service quality standards and measurements, we also listen closely to our customers in all industries.

Superior customer care extends far beyond our offices and manufacturing facilities. CIGWELD/ESAB's sales representatives and technical support personnel are recognised as the finest in the industry providing unequalled levels of service.

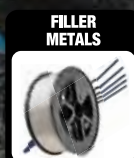
One of our friendly Welding Representatives would be delighted to assist your business with your welding enquiries. Call us today on 1300 654 674.

QUALITY YOU CAN DEPEND ON...

Our global R&D and safety laboratories provide state-of-the-art environments for developing and evaluating new products. Engineering and quality control teams also assess products manufactured by all CIGWELD/ESAB operations.

We provide compliance to specific standards, have Triple Certification to ISO 9001:2015 Quality Management System, ISO 14001:2015 Environment Management System and OHSAS 18001:2007.

WE RECOMMEND GENUINE CIGWELD PRODUCTS



THE BIGGEST RANGE AND THE BEST QUALITY, WITH GUARANTEED PERFORMANCE.



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