

Transmig[®] 185 ULTRA



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

PRONTO No. ..125649

**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



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 AUTOSET 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 ± 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	..150245	W4018900	Tweco Fusion DX250 Digital Mig Gun 3.0M
2	..123987	W4011250	Tweco SGT250 Spool Gun
3	..70623	WSPLIER	WeldSkill Mig Pliers
4	..125650	W4012300	Tweco Mig Torch Consumable Organiser Box
5	..42165	646215	Chipping Hammer Spring Handle
6	..42166	704814	Spatter Safe - 400ml Pump Can
7	..125044	707958	Nozzle Dip Jelly, 350g Tin
8	..70596	W4011501	Wheeling Kit Trolley 220i/255i
9	..139550	W7004913	Gas Hose

OPTIONS - MIG TORCH CONSUMABLES

1	..42528	OTW14/23/R	Contact Tip Tweco No2/4, 0.6mm (10Ea/Pk)
2	..42529	OTW14/30/R	Contact Tip Tweco No2/4, 0.8mm (10Ea/Pk)
3	..42530	OTW14/35/R	Contact Tip Tweco No2/4, 0.9mm (10Ea/Pk)
4	..53632	OTW14/40/R	Contact Tip Tweco No2/4, 1.0mm (10Ea/Pk)
5	..42531	OTW14/45/R	Contact Tip Tweco No2/4, 1.2mm (10Ea/Pk)
6	..42523	OTW22/50/R	Nozzle
7	..53426	OTW32/R	Insulator Tweco No2
8	..42521	OTW52/R	Gas Diffuser Tweco No2
9	..150240	OTW42/3035	Conduit Liner Tweco No2, 0.8mm/0.9mm - Hard Wire
10	..52036	OTW42N/3545	Conduit Liner Tweco No2, 0.9mm/1.2mm - Soft Wire

OPTIONS - FEED ROLLS

1	..107579	7977036	Feedrolls 0.6/0.8mm V Groove Hard Wire (Fitted)
2	..150187	7977660	Feedrolls 0.9/1.2mm V Groove Hard Wire
3	..150188	7977731	Feedrolls 0.8/0.9mm U Groove Soft Wire
4	..142135	7977264	Feedrolls 1.0/1.2mm U Groove Soft Wire
5	..107580	7977732	Feedrolls 0.8/0.9mm V Knurled Flux Cored
6	..150189	704277	Feedrolls 1.2/1.6mm V Knurled Flux Cored

OPTIONS - MIG WIRE (SOLID)

1	..72556	WS0906	WeldSkill Solid Wire 0.6mm 0.9kg minispool
2	..72557	WS0908	WeldSkill Solid Wire 0.8mm 0.9kg minispool
3	..72558	WS0909	WeldSkill Solid Wire 0.9mm 0.9kg minispool
4	..72559	WS5006	WeldSkill Mig Wire Mild Steel 0.6mm/5kg spool
5	..72560	WS5008	WeldSkill Mig Wire Mild Steel 0.8mm/5kg spool
6	..72561	WS5009	WeldSkill Mig Wire Mild Steel 0.9mm/5kg spool

OPTIONS - MIG WIRE (GASLESS)

1	..72551	WG0908	WeldSkill Gasless Mild Steel 0.8mm 0.9kg minispool
2	..72552	WG0909	WeldSkill Gasless Mild Steel 0.9mm 0.9kg minispool
3	..72553	WG4508	WeldSkill Gasless Mild Steel 0.8mm/4.5kg spool
4	..72554	WG4509	WeldSkill Gasless Mild Steel 0.9mm/4.5kg spool

OPTIONS - MIG WIRE (ALUMINIUM)

1	..41483	721221	Autocraft AL5356 0.8mm 0.5kg minispool
2	..131523	721223	Autocraft AL5356 0.9mm 0.5kg minispool
3	..131524	721224	Autocraft AL5356 1.0mm 0.5kg minispool
4	..62318	723224	Autocraft AL5356 1mm/2kg spool

OPTIONS - MIG WIRE (STAINLESS STEEL)

1	..34820	721285	Autocraft 316LSi .8mm 1kg minispool
2	..42831	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
PRONTO No: ..123987

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	..72564	WS42550	250A Lead Set 4M - 50mm Plug
2	..18966	646142	Twist Lock Electrode Holder 400A
3	..42543	CEH400TL	Twist Lock Electrode Holder 400A
4	..18992	646348	Work Clamp 200A - Heavy Duty
5	..71577	CWC200	Work Clamp 200A - Heavy Duty



OPTIONS - ELECTRODES MANUAL ARC

1	..18955	611182	Satincraft 13 2.5mm 5kg/pk
2	..18956	611183	Satincraft 13 3.25mm 5kg/pk
3	..36199	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	..36200	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	..76053	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	..76055	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	..145677	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	..106210	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	..106211	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	..42154	611662	Satinchrome 316 2.5mm 2.5kg/pk
11	..42155	611663	Satinchrome 316 3.25mm 2.5kg/pk
12	..76007	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	..76065	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	..80216	W4013801	Tig Torch 17V, 4m lead - Gas Valve
2	..150241	W4013800	Tig Torch 17V, 4m lead - Gas Valve - Remote Control
3	..45386	BGSAK2	Tig Torch Accessory Kit

OPTIONS - TIG TORCH CONSUMABLES

1	..43848	BG10N23/R	Collet 1.6mm
2	..43849	BG10N24/R	Collet 2.4mm
3	..43854	BG10N31/R	Collet Body 1.6mm
4	..43855	BG10N32/R	Collet Body 2.4mm
5	..150236	BG10N49/R	Nozzle Alumina 8mm
6	..43860	BG10N48/R	Nozzle Alumina 10mm
7	..43861	BG10N47/R	Nozzle Alumina 11mm
8	..43862	BG10N46/R	Nozzle Alumina 12.5mm
9	..43844	BG57Y02/R	Back Cap Long

10	..43845	BG57Y04/R	Back Cap Short
11	..152138	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
12	..152139	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
13	..152140	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
14	..152141	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
15	..152142	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	..150237	321411	Comweld LW1 1.6mm, 5kg/Pk
2	..55523	321412	Comweld LW1 2.4mm, 5kg/Pk
3	..46717	321400	Comweld 316L 1.6mm, 5kg/Pk
4	..46718	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

GASLESS

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	..92439	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	..96866	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	..96066	454341	ProLite Striker Helmet
4	..63799	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	..36205	453833	Hiderok Welding Helmet Lift Front
6	..93228	646755	Heavy Duty Weldskill Gloves - Large

7	..114801	646754	WeldSkill Leather Tig Welding Gloves - Large
8	..145672	646771	JACKET WELDING Blue / Black - Medium
9	..145673	646772	JACKET WELDING Blue / Black - Large
10	..145674	646773	JACKET WELDING Blue / Black - X Large
11	..145675	646774	JACKET WELDING Blue / Black - XX Large
12	..55422	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	..150190	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270

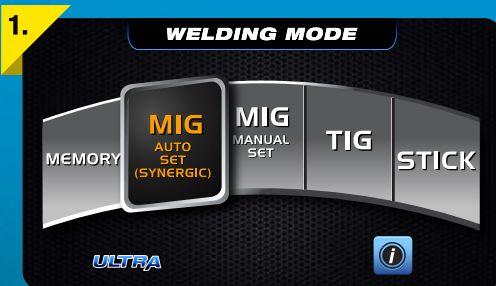
ULTRA AUTO SET

MIG | STICK | TIG

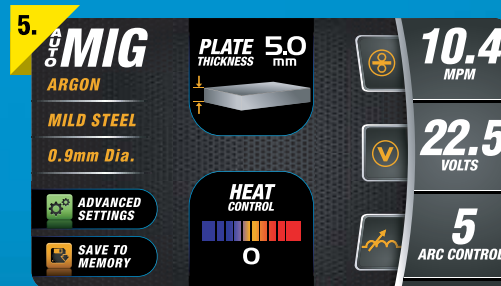
AUTO SET TAKES THE GUESS WORK OUT OF WELDING.

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)



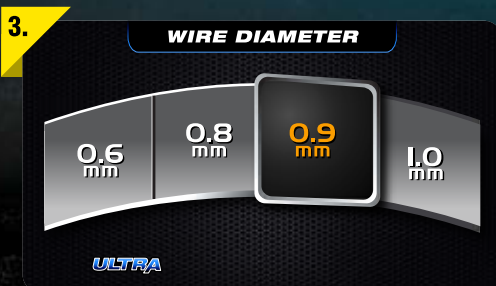
SUMMARY screen displays your AUTO SET parameters



Choose your MATERIAL (in this case MILD STEEL)



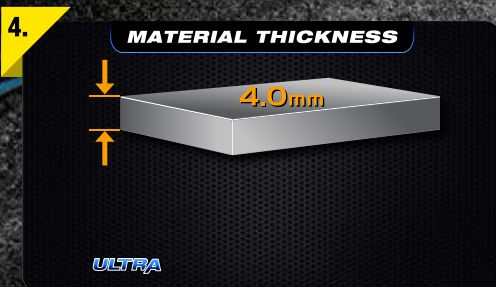
GET WELDING!



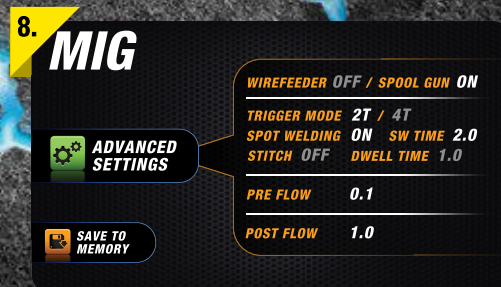
Choose WIRE DIAMETER



MEMORY screen to save your favourite welds



Choose MATERIAL THICKNESS



ADVANCED SETTINGS for professional welds