

# WeldSkill 185



**3 IN 1**  
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!

**PRONTO No. ..119221**

Part No: W1008185  
WELDSKILL 185 Inverter

**MIG**

**STICK**

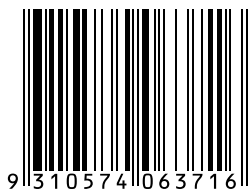
**TIG**

**2**  
YEARS\*

**UP TO 8mm**  
PLATE THICKNESS

**240V 10A**

## DETAILS



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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 <sub>1eff</sub> )	10 Amps
Maximum Input Current (I <sub>1max</sub> )	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	..70623	WSPLIER	Weldskill Mig Pliers
2	..42165	646215	Chipping Hammer Spring Handle
3	..142131	W4018800	Mig Torch E-180 3M. Suits WS 155i / 185i
4	..70596	W4011501	Equipment Trolley
5	..42166	704814	Spatter Safe - 400ml Pump Can
6	..125044	707958	Nozzle Dip Jelly, 350g Tin
7	..139550	W7004913	Gas Hose

## OPTIONS - MIG TORCH CONSUMABLES

1	..42525	OTW11/23/R	Contact Tips .6mm
2	..42526	OTW11/30/R	Contact Tips .8mm
3	..42527	OTW11/35/R	Contact Tips .9mm
4	..52926	OTW11/40/R	Contact Tips 1mm
5	..53425	OTW11/45/R	Contact Tips 1.2mm
6	..131521	W6000606	Gas Diffuser
7	..131522	W6000600	Nozzle to suit WS100,135,150,155,185
8	..75643	WS1240031/R	Conduit Liner Steel 4m, 1.0-1.2mm Red (hard wires)
9	..75644	WS1260026/R	Conduit Liner Teflon 4m, 0.8-1.2mm Red (soft wires)

## OPTIONS - SGT250 SPOOL GUN TORCH CONSUMABLES

1	..123987	W4011250	Tweco SGT250 Spool Gun
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	..42523	OTW22/50/R	Nozzle Tweco No2, 13mm Adjustable
5	..53426	OTW32/R	Insulator Tweco No2
6	..42521	OTW52/R	Gas Diffuser Tweco No2



## 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	Satincrome 316 2.5mm 2.5kg/pk
11	..42155	611663	Satincrome 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