

WeldSkill 250 MIG Portable Welding Machine

The new 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.

Standard Contents

- WeldSkill 250 MIG power source (compact)
- MIG torch 3.6m
- Work lead 3m,
- Regulator/flowmeter (Aust & NZ only)
- Cylinder chain
- 200mm spool adaptor
- Feed rolls: 0.6/0.8mm V groove, 0.9/1.2mm V groove (fitted), 1.0/1.2mm U groove, 0.8/0.9mm, V knurled, 1.2/1.6mm V knurled
- Contact tips: 0.6mm, 0.8mm, 0.9mm (fitted), 1.0mm, 1.2mm, 1.6mm
- Shielding gas hose assembly
- Wheeling kit (fitted),
- Operating manual

Machine Specifications

Input Voltage	240 VAC, +/- 10%, 50Hz
Generator requirements	13kVA
Output current range	50–270A
Rated output duty cycle	250A @ 20%**
Weight (Power source)	100kg
Plant dimensions (HxWxD)	1050 x 470 x 1020mm

Ordering Information

Part No.

WeldSkill 250 MIG – Australia & NZ	W1004500
WeldSkill 250 MIG – Asia version	W1003400

Optional Accessories

Feed roll 0.6/0.8mm V Groove - hard wire	7977729
Feed roll 0.9/1.2mm V Groove - hard wire	7977703
Feed roll 1.2/1.6mm V Groove - hard wire	7977346
Feed roll 0.8/0.9mm U Groove - soft wire	7977733
Feed roll 1.0/1.2mm U Groove - soft wire	7977730
Feed roll 1.2/1.6mm U Groove - soft wire	7977348
Feed roll 0.8/0.9mm V Knurled - flux cored	7977734
Feed roll 1.2/1.6mm V Knurled - flux cored	7977347
Tweco WeldSkill MIG Torch 250A Euro- Aust & NZ only	FAB250X12
Tweco WeldSkill MIG Torch 400A Euro- Aust & NZ only	FAB400X12
CIGWELD WeldSkill regulator/flowmeter	210254

FAN COOLED



Fan Cooled for improved duty cycle and welding performance

OVERHEAT



Over Temperature Cut Out protection has been fitted to this power source

GASLESS



Gasless Operation This power source is suitable for operation with mild steel, gasless welding wires*

GAS SHIELDING



Shielding Gas Operation This power source is suitable for use with solid MIG welding wires requiring an external shielding gas*

STANDARD



Standards Compliance This power source complies to IEC 60974-1 & AS 60974.1*

WARRANTY



1 Year Warranty This equipment is manufactured to stringent CIGWELD quality standards and is backed by a conditional One Year warranty*

* Refer to operating manual for details

**Note: In order to achieve the maximum rated output & duty cycle ratings refer to Section 3.04 in the Operating Manual.