

WIA

STICK / TIG WELDER

1
Phase

WELDARC® 185

P/N: MC112-0

**For the Workshop
or On-Site.
It Goes Where
You Go.**



3 YEAR
WARRANTY

WELDING.COM.AU

WELDARC® 185

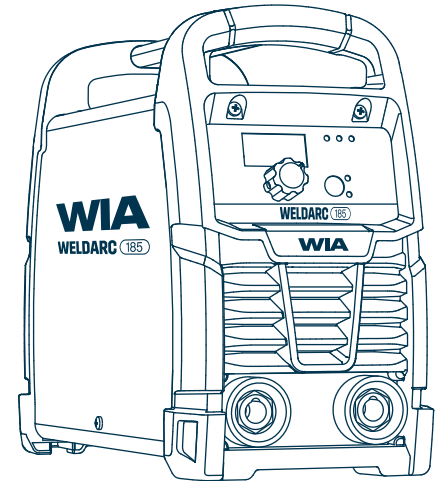


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For the Workshop or On-Site. It Goes Where You Go.

The Weldarc 185 is the perfect Stick/TIG welder for any intermediate welder. Coming in at 8kg this unit is lightweight yet robust and can easily be transported from the workshop to on-site.

Equipped with the latest technology, the 185 offers more than its competition including power factor correction for maximum efficiency and an IP23S rating, providing extra protection for harsh environments. Built with quality components manufactured with 3 years warranty, compared to others in its class you'll get more with the Weldarc 185.



SUITABLE APPLICATIONS

Light Fabrication

Repair and Maintenance

Building & Construction

Farming

WELDABLE MATERIALS

Steel

Stainless Steel

Cast Iron

PACKAGE INCLUDES

Heavy Duty Work Clamp (3m)

Industrial Twist Lock Electrode Holder (4m)

Padded Shoulder Strap

Carry Case

SPECIFICATIONS

| Primary Voltage | Rated Primary Current | Max Primary Current | Recommended Generator Power | Supply Plug |
|-----------------|-----------------------|---------------------|-----------------------------|-------------|
| 240 VAC-50/60Hz | 12.5 Amps | 25 Amps | 8 kVa | 15 Amp |
| IP Rating | Weight | Warranty | Standards Compliance | |
| IP23S | 8kg | 3 Years | AS60974.1 & AS1674.2 (VRD) | |

STICK SPECIFICATION

| Output Range | Rated Output @ 40°C (10min) | Electrode Size Range | Material Thickness Range |
|--------------------|--|----------------------|---|
| 25A/21V-185A/27.4V | 185A/27.4V @ 25% 119A/24.8V @ 60% 92A/23.7V @ 100% | 2.0 - 4.0mm | Welds up to 10mm steel plate, single pass |

TIG SPECIFICATION

| Output Range | Rated Output @ 40°C (10min) | Material Thickness Range |
|--------------------|--|--------------------------|
| 25A/11v-185A/17.4V | 185A/17.4V @ 25% 119A/14.8V @ 60% 92A/13.7V @ 100% | - |

FEATURES

- 185 A single phase Stick/TIG welder
- 185 A at 27.4 V 25% Duty Cycle
- Portable - Only 8kg
- DC Lift Arc TIG Start - For smoother starting without sticking to the workpiece
- Digital Meters - Easy to read and easy to adjust parameters
- Power Factor Correction - Smooths out the actual input current. Maximises efficiency when welding on long leads or from generators
- Built-In Thermal Protection - Prevents the machine from operating beyond its safe thermal zone
- Fan-on-Demand™ Cooling Fan - Reduces noise, energy use and contaminates
- Arc Force - Provides a more stable arc and prevents electrode sticking
- Hot Start - For better, easier arc starting
- VRD (Voltage Reduction Device)
- IP23S rated - Provides extra protection in harsh environments
- Generator compatible - 8 kVa

BEST USED WITH

| Product | Part Number |
|---------------------------------------|--|
| TIG Torch | TIG002 |
| Austarc 16TC Low Hydrogen Electrode | 16TC25 (2.5mm) 16TC32 (3.2mm) 16TC40 (4.0mm) |
| Austarc 12P General Purpose Electrode | 12P25 (2.5mm) 12P32 (3.2mm) 12P40 (4.0mm) |
| WIA OpticFX Helmet | SH300001 (Nero) SH300002 (Blue Knight) |