

WIA

MIG / STICK / TIG WELDER

3
Phase

WELDMATIC® 500

P/N: CP145-1

**The Most Powerful
WIA Package.
Best for Industrial
Applications.**



**3 YEAR
WARRANTY**
Refer to warranty statement for full details

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WELDMATIC® 500

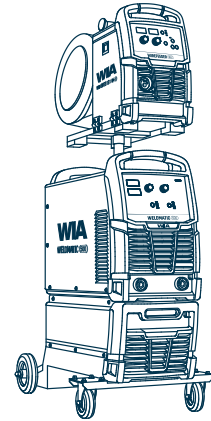


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The Most Powerful WIA Package. Best for Industrial Applications.

The Weldmatic 500 is a powerful and robust multi-process machine built to perform for professional fabrication applications. Capable of MIG, TIG and Stick welding, it offers optimal weld characteristics that provide high quality results.

Featuring Digital Volt and Amp meters, the 500 allows for easy and precise set up by retaining last weld information. Perfect for a workshop it comes packaged with a separate wire feeder for extra flexibility. Built for tough Australian conditions, and manufactured with 3 years warranty, the Weldmatic 500 offers reliability and performance that's second to none.



SUITABLE APPLICATIONS

Medium to Heavy Fabrication

WELDABLE MATERIALS

Steel

Stainless Steel

Aluminium

PACKAGE INCLUDES

Interconnecting Leads (10m)

W67 4 Roll Drive Heavy Duty Wirefeeder

Euro Gun Cable (3.6m) with Bernard Centerfire 0.9mm Tip

Gas Regulator

Drive Rollers - 0.9/1.2 & 1.2/1.6mm V Groove 0.9/1.2 & 1.2/1.6mm Knurled

Industrial Twist Lock Electrode Holder (3m)

Work Lead (10m) with Heavy Duty G Clamp

SPECIFICATIONS

Primary Voltage	Rated Primary Current	Max Primary Current	Recommended Generator Power	Supply Plug
380/415 VAC - 50/60Hz	32 Amps	40 Amps	35 kVa Peak*	32 Amp
IP Rating	Weight	Warranty	Standards Compliance	
IP21S	105kg	3 Years	AS60974.1 & AS1674.2 (VRD)	

MIG SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Wire Size Range	Material Thickness Range
30A/15.5V-500A/39V	500A/39V @ 60% 387A/33.4V @ 100%	0.6/0.8/0.9/1.2mm	Welds up to 12mm+ steel plate, single pass

STICK SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Electrode Size Range	Material Thickness Range
25A/21V-500A/40V	500A/40V @ 60% 387A/35.5V @ 100%	-	-

TIG SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Material Thickness Range
15A/10.6V-500A/30V	500A/30V @ 60% 387A/25.5V @ 100%	-

FEATURES

- 500 A three phase MIG, Stick & TIG welder
- 500 A at 40 V 60% Duty Cycle
- Digital Meters - Easy to read and easy to adjust parameters
- Built-In Thermal Protection - Prevents the machine from operating beyond its safe thermal zone
- Four geared wire drive - Provides a consistent, smooth, and strong drive for a variety of wires
- Spot Timer - Provides short weld times for repetitive spot welds
- Creep Mode - Provides slow wire speed until weld starts - ideal for aluminum starts
- Burn Back - Controls how far the wire burns back to the tip on completion of the welding operation
- Suitable wires - Gas-shielded and gasless flux-cored wires
- Spool capacity - Takes 5kg and 15kg spools
- VRD (Voltage Reduction Device)
- IP21S rated
- Generator compatible - 35 kVa Peak*

BEST USED WITH

Product	Part Number
Austfil T-11 Self-Shielded Flux-Cored Wire	AUST11085KG (0.8mm - 5kg Spool) AUST11095KG (0.9mm - 5kg Spool) AUST11125KG (1.2mm - 5kg Spool)
Austmig ES6 Mild Steel Wire	ES606M5KG (0.6mm - 5kg Spool) ES608M5KG (0.8mm - 5kg Spool) ES609M5KG (0.9mm - 5kg Spool)
Austmig 5356 Aluminium Wire	M5356092KG (0.9mm - 2kg Spool) M5356102KG (1.0mm - 2kg Spool) M5356122KG (1.2mm - 2kg Spool)
Austfil Excel Gas Shielded Flux Cored Wire	AE71CM12 (1.2mm - 15kg Spool) AE71CM16 (1.6mm - 15kg Spool)
Austarc 16TC Low Hydrogen Electrode	16TC25 (2.5mm) / 16TC32 (3.2mm) 16TC40 (4.0mm)
TIG Torch	TIG002
WIA OpticFX Helmet	SH300001 (Nero) SH300002 (Blue Knight)

*Due to variation between generators by different manufacturers, it is impossible for WIA to validate operation from all generators.