

WIA

MIG WELDER

1
Phase

WELDMATIC® 270

P/N: CP146-1

A Single Phase MIG Package That's Big On Power.



3 YEAR
WARRANTY
Refer to warranty statement for full details

*Plug supplied for commissioning only.
For full rated output, a 32 A plug
and supply is required with a 32 A
circuit breaker.

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WELDMATIC® 270



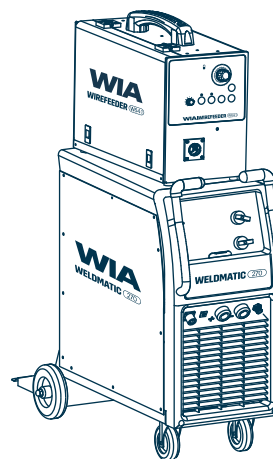
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A Single Phase MIG Package That's Big On Power.

The Weldmatic 270 is the most powerful WIA single phase MIG welding machine. Ideal for light to medium industrial fabrication and rural workshops the 270 outperforms its competition when it comes to welding performance. Packed with professional features you'd expect in an industrial 3 phase MIG machine, the 270 is for serious welders who want results.

Featuring a Fan-on-Demand™ cooling system, the Weldmatic 270 improves efficiency, reduces maintenance and provides a safer working environment. Built with quality components and manufactured with 3 years warranty, the Weldmatic 270 can withstand tough Australian conditions.



SUITABLE APPLICATIONS

Rural Workshops

Light to Medium Fabrication

Body Shops and Maintenance

WELDABLE MATERIALS

Steel

Stainless Steel

Aluminium

PACKAGE INCLUDES

W64-1 4 Roll Drive Wirefeeder

Euro Gun Cable (3m)

Work Lead (5m)

Interconnecting Leads (10m)

Gas Regulator

Tips (0.6/0.8/0.9/1.2mm)

Drive Rollers 0.6/0.8mm V Groove; 0.9/1.2mm Knurled (Gasless)

SPECIFICATIONS

Primary Voltage	Rated Primary Current	Max Primary Current	Recommended Generator Power	Supply Plug
240 VAC-50/60Hz	25.3 Amps	56 Amps	13.5 kVa Peak*	15 Amp
IP Rating	Weight	Warranty	Standards Compliance	
IP21S	115kg	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-270A/27.5V	270A/27.5V @ 20% 150A/21.5V @ 60% 120A/20V @ 100%	0.6/0.8/0.9/ 1.2mm	Welds up to 8mm steel plate, single pass

FEATURES

- 270 A single phase MIG welder
- 270 A at 27.5 V 20% Duty Cycle
- Fan-on-Demand™ Cooling Fan – Reduces noise, energy use and contaminates
- Built-In Thermal Protection – Prevents the machine from operating beyond its safe thermal zone
- Arc Start - modifies arc starting condition, wire accelerates at different speed depending on application
- Four geared wire drive - Provides a consistent, smooth, and strong drive for a variety of wires
- Burn Back – Controls how far the wire burns back to the tip on completion of the welding operation
- Spot Timer – Provides short weld times for repetitive spot welds
- Creep Mode – Provides slow wire speed until weld starts - ideal for aluminium starts
- Suitable wires - Gas-shielded and gasless flux-cored wires
- Spool capacity - Takes 5kg and 15kg spools
- IP21S rating - For environmental/safety protection
- Generator compatible – 13.5 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)
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.