

**weldmax**

# ARC 160

For optimum welding performance with all types of industrial electrodes.

[www.weldmax.com.au](http://www.weldmax.com.au)



# Key Features & Benefits



## ARC 160- TECHNICAL DETAILS

Input voltage (1ph)	230V - 50/60Hz
A 60%	18 A
Power 60%	2,5 KW
No load output voltage	70 V
Amp. Min-Max (H.S.)	10 ÷ 160 A
Duty Cycle 40°	160A @ 25% 100A @ 60% 80A @ 100%
Ø E	1,6 ÷ 4,0 mm
Electrode type	6013 - 7018
Insulation	H
Protec. degree	IP22S
Machine (LxWxH)	285x120x255 mm
Weight box/net	3,5 / 4,2 Kg
MADE IN ITALY	

## PERFORMANCE

The next-level technology gives you precise, professional, and consistent control for smooth, stable arc performance and low spatter levels across all types of MMA electrodes and weld positions. Adjustable hot start makes firing up your arc a breeze with even the most difficult electrodes. The adjustable arc force helps you increase penetration and prevent electrodes from sticking. Never before has an entry-level welder been packed with such high-quality performance.

## POWER

Throw away your preconceptions about welders in this class – the power stacks up against machines twice its price. Included Power Factor Control (PFC) technology allows for a highly efficient and steady arc that is resistant to power fluctuations. Runs on 240V. With up to 25% duty cycle at 160A, has the strength to crush jobs on thicker materials.

## STRENGTH

Its robust and rigid fiberglass moulded housing is built to withstand impact after impact, in the shop or in the field. Durable and weather resistant, with an IP22S rating for use in tough outdoor applications. Like every Weldmax machine, these come with our industry-leading three-year warranty for unbeatable peace of mind. Goodbye, cheaply constructed welders. Comfortable than ever before to go wherever you need to. Plus, its stable arc performance means you can use long extension cables to work in even the most remote locations without affecting weld quality.

## PORTABILITY

The compact and lightweight design makes it easy to carry from job to job. Weighing in at less than 3.5kg with its sturdy handle and included shoulder strap make it more comfortable than ever before to go wherever you need to. Plus, its stable arc performance means you can use long extension cables to work in even the most remote locations without affecting weld quality.

## USABILITY

Tested around the world to ensure it rises to global performance and usability standards. Its easy-to-use interface contains a large, precise digital display that can be easily read from up to 25m away. The optional remote control allows you to adjust current settings without needing to go back to the machine. No matter where you are working, simply welds well.



# What's included the box



- WMX160 PowerSource with 3m mains cable and plug
- 3m twist lock electrode holder
- 3m return cable/ Clamp
- Shoulder strap
- Carry Case

The Weldmax ARC 160 is very easy-to-use inverter arc welding machine: optimum welding performance with all types of industrial electrodes (rutile, basic, stainless steel). They are fitted with overvoltage protection, over temperature and anti-sticking control. The Weldmax ARC 160 is very compact and lightweight, they are ideal for using on anything from home/hobby applications through to industrial or site construction use with electrodes up to 4.0mm.

Weldmax ARC 160 – A robust and durable Stick/Lift TIG power source for the professional welder. The machine provides state-of-the-art welding performance and reliability through use of the latest high performance power electronics and digital control; ensuring a precise consistent arc.

This machine provides a smooth DC (Direct Current) welding power which allows you to weld a variety metals, such as alloyed and non alloyed steel, stainless steel, and cast iron. The Arc Force and Hot Start settings are adjustable and help the user find exactly the right arc for the job. Being digital the Micro-processor precisely controls all functions and provides best-in Class welding performance across the amperage range of the machine and can be used with electrodes up to 4.0mm in diameter.

Easily performs TIG-welding. Equip the power source with a TIG Torch with a gas valve torch head, a regulator and a cylinder of argon gas and you are ready to weld mild steel or stainless steel, with or without filler material.



**weldmax**

is all about high quality and lean manufacturing which is now a premium name in the welding industry – and you can be guaranteed that we care the most.

With the recent inverter additions and enhancements to the product line up, Weldmax now has products suited to a wide field of uses starting from welding in the garage to heavy boiler making and structural steel, stainless manufacturing, aluminium fabrication & boat building.