

WeldMax[®] 185i



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180 AMP TIG/STICK WELDER AND 40 AMP PLASMA CUTTER

PROCESS: STICK, TIG, PLASMA CUTTER

DIMENSIONS: 8.5"W x 19"L x 15.5"H

INPUT: 220 vac 1 Phase, 50/60Hz

DUTY CYCLE TIG: 30%@180A, 45%@130A, 100%@95A

TIG OUTPUT: 10-180A

WEIGHT: 31.3 lbs., unit only

PLASMA CUTTER: 30%@40A,

DUTY CYCLE STICK: 30%@180A, 35%@130A, 100%@85A

PROTECTION CLASS: IP23S

STICK OUTPUT: 10-180A

INVERTER TYPE: IGBT

INSULATION GRADE: H

Introduction

The WELDMAX 185 is a first to market multi-process welder that allows the user to DC TIG/STICK and Plasma Cut all from one portable machine. The WELDMAX 185 combines three processes into one with a 180 amp DC TIG Welder, a 180 amp STICK Welder, and an impressive 40amp Pilot Arc Plasma Cutter with a 30% duty cycle. – making it the perfect model for the fabricator!

A. Efficient IGBT Inverter Technology

IGBT technology has taken the welding industry to new levels. It gives us the ability to offer smaller units that weigh less while increasing efficiency. The WELDMAX 185 is the ultimate example and the perfect welder for DIY and production applications.

B. Industrial Duty Cycle

The WELDMAX 185 features an industry competitive duty cycle of 30% at 40 degrees Celsius. This duty cycle puts the WELDMAX 185 among the best industrial welders on the market.

C. Power Factor Correction (PFC)

With the WELDMAX[®] 185, you are able to easily switch over from either 220v or 110v. With our newer model design, simply plug the 110v attachment to the existing power cord and weld away anywhere, anytime.

The Power to Last!

1 YEAR
WARRANTY

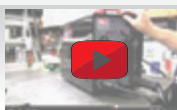


CUTS UP TO 1 INCH!!!

D. Pilot Arc Plasma Cutter

On out-of-date plasma cutters, when the arc is interrupted the trigger must be disengaged to restart the arc. With the WELDMAX 185, the plasma cutter features Pilot Arc technology and it automatically senses loss of voltage and re-ignites the Pilot Arc. allowing for the torch head to maintain an arc when cutting. Effectively allowing you to not worry about the cutting height, cut speed and it allows you to cut expanded metal. Pilot Arc technology allows for you to always have power to the arc which increases your cutting speed and assists with uneven cutting surfaces.

LONGEVITY
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F. Easy Setup

The WELDMAX 185 is very user friendly! All the adjustments are properly spaced and coded which allows for easy on-the-fly adjustments. The grouped and coded system allows the user to see the settings quickly and make necessary adjustments easily, allowing the welder to more efficient in the workspace and a fine shaped arc! In addition, all the functions are enabled through quick connectors.



G. Blowback Arc Start/CNC Ready

The WELDMAX[®] 185i starts the arc by creating an internal spark to ignite the plasma arc. By using air pressure to move the electrode against the nozzle, the ForceCut[®] 62i creates the arc without any need for high frequency. This allows for easier CNC table integration without the worry of interference.

H. Stick Welder

You are able to easily switch to stick mode with the flip of a switch. Weld your favorite stick electrodes such as the 6013 and 7018 stick rods.

J. Thermal Overload Protection

LONGEVITY has included thermal overload protection which informs the user when the duty cycle has been exceeded shutting down the unit in a safe matter until it has been cooled to adequate temperatures to proceed cutting or welding.

K. Built In Air Filter And Regulator

Built in gas/air filter and regulator provides air filtration of airborne particles to keep the WELDMAX 185 cutting clean and efficiently.

OPTIONAL CNC PTM-60 PLASMA TORCH!!!

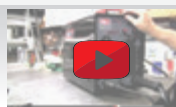


OPTIONAL LIFT TIG TORCH!!!



OPTIONAL EQUIPMENT:	
<p>Auto-Dark Helmet</p> <ul style="list-style-type: none"> PowerView Elite 	<p>Welding Cart</p> 
<p>Consumables</p> <ul style="list-style-type: none"> Contact Tips Electrodes Caps Roller Guides Torch Spacers Filler Rod Tungsten Electrodes Stick Electrodes 	<p>CNC Torch PTM-60</p> 

INCLUDED:		
 <p>PT-60 Plasma Torch</p>	 <p>Ground Clamp</p>	 <p>200 Amp 16 ft Stinger</p>
 <p>Air/Argon Hose</p>	 <p>110/220 Power Adapter</p>	 <p>2 Contact Tips 2 Electrodes Plasma Torch CONSUMABLES</p>



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