

# MigWeld® 252



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250 AMP MIG/FLUX WELDER WITH SPOOL GUN CAPABILITY

PROCESS: MIG/FLUX MAX CURRENT: 50 A, 1 Phase DIMENSIONS: 9.5"Wx24"Lx17.5"H

INPUT: 220-240V 1/ Phase, 50/60Hz DUTY CYCLE MIG: 60%@250A, 100%@200A

WEIGHT: 51 lbs, unit only, MAX SPOOL SIZE: 44 lbs, MIG/MAG OUTPUT: 50-250A, PROTECTION CLASS: IP23

INVERTER TYPE: IGBT construction

INSULATION GRADE: H

RATED INPUT POWER : 7.3 KW

NO LOAD VOLTAGE : 47V

## Introduction

LONGEVITY's MIGWELD® 252 provides users an exceptional industrial grade welder while at the same time being user friendly and easy to setup. The MIGWELD® 252 delivers portable welding that allows the versatility to weld various steel thicknesses without conceding the excellent quality that is expected in the LONGEVITY products. The MIGWELD® 252 uses a simple, user friendly interface that allows quick and precise adjustments that fulfill the requirements to any welding job you may come across. LONGEVITY uses industry leading IGBT inverter technology which makes this unit more lightweight and potent than other welders using outdated technology. The MIGWELD® 252 comes with full amperage and 2 speed adjustments for faster or slower hand speeds on thicker or thinner material in addition to the pulse setting.

LONGEVITY also gives the user the option of using gas shielding which allows for the welder to attain the best looking welds! Thanks to using a Binzel MIG gun and an industrial grade rollers in the feed system, the MIGWELD® 252 gives the user the ability to choose a wide variety of wires! All while covered under a 3\* year industry leading warranty!

## A. Easy Set Adjustment

The MIGWELD 252 is very user friendly! All the adjustments are grouped and coded together which allows for easy on-the-fly adjustments. This system allows the user to see the settings quickly and make necessary adjustments easily, allowing the welder to be more efficient in the workspace.

## B. Digital Amp and Volt Meter

The digital output panel allows the user to see the settings quickly and accurately. By using a digital display LONGEVITY allows the user to fine tune the MIGWELD® 252 for faster and repeatable settings without the guessing involved on most analog units.

The Power to Last!

3/1 YEAR  
WARRANTY



## C. Powerful, Reliable, Efficient IGBT Technology

Longevity offers cutting-edge technology in the MIGWELD® 252 by including IGBT semiconductors inside this unit. IGBT technology makes this unit more reliable than other comparable units using old-fashioned technology. By using IGBT components, LONGEVITY is able to offer a potent welder that is lighter and more space-efficient than its outdated counterparts.

### What's Included:



10ft. Genuine Binzel MB25AK MIG gun

10 ft. 300 Amp Stick Holder

300 Amp Work Clamp Cable Assembly

Air/Argon Hose

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## D. Easy Setup

LONGEVITY equips the user with high quality Trafimet® MIG or a Binzel® MIG guns as an option to suit all users' demands. Implementing Euro style connectors allow you to attach your favorite MIG welding guns, including Bernard®. The setup of the MIG torch is so simple and easy that you will be burning through wire in no time.

## E. Industrial Grade Duty Cycle

The duty cycle of the MIGWELD® 252 is set at the industrial grade standard of 60%. The MIGWELD® 252 is ideal for light industrial use or for those with fabrication uses.

## F. Digital Amp and Volt Meter

By using digital meters, LONGEVITY gives the operator instantaneous outputs which are easily read while welding. This allows the user to dial-in their favorite settings accurately, again, and again!

## G. Thermal Overload Protection

If you are welding for a long period of time and your duty cycle limit is reached, LONGEVITY's thermal and overload protection will kick on safely shutting down your machine for proper cooling avoiding any damage. Once the machine is cooled, you will be able to go ahead and continue welding.

## H. Burn Back Control Advantage

LONGEVITY uses Burn Back Control to prevent excess amounts of wire from sticking out by providing extra arc time without feeding. This allows the user to make excellent re-starts as smooth and painless as possible.

## I. Advantages of the Spool Gun

With the LONGEVITY spool gun, you are able to efficiently and economically weld aluminum, stainless steel, and other metals! A great option for those who need to weld aluminum for the beginner or professional.

## J. Larger Wire Spool Capacity

LONGEVITY understands the importance of time and money. With this MIGWELD® 252 MIG Welder, you are able to use 44lb spools for longer welding times without having to change the spool. This also saves you money as you are able to buy larger spools at greater discounts. Do not need to use that much wire? No worries. You are able to use small 2lb rolls of wire without additional equipment.

## K. Quick Cable Attachments

LONGEVITY by using DINSE Euro connectors gives the users total versatility due to it being compatible with most aftermarket torches. Setup time is also reduced due to the quick connect argon couplers. Fast and Easy!

## L. Auto Post Flow

Auto Post flow on the MIGWELD® 252 will automatically pass 2 seconds of gas through your torch to safely and efficiently cool your torch. This also allows the user to shield the fluid puddle until it cools down.

### Optional Equipment:



Auto-Dark Helmet  
• PowerView Elite  
• Elite Series  
• Pro Series



MIG Torch  
• 25 ft  
• MB25AK



Argon/CO2  
Regulator



8M Speen Adjust  
Spool Gun

### Consumables



Nozzles, Tips  
and Electrodes



Stick Electrodes



Wire Spools

\*3/1 Year Warranty : 3 Years Coverage On Inverter Power Source; 1 year On All Other Machine Parts and Labor ; 6 Months Coverage On Torches



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