

# M 252


250 A MIG welding power source with integrated wire feeder

CV • DC • 1-PHASE



MIG (GMAW)  
Flux-core (FCAW)  
Metal-core (MCAW)



 Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

ALW-MW000055269

DISTRIBUTED BY:

Contact your Air Liquide representative for more information.

**AIR LIQUIDE**  
www.airliquide.ca  
1-800-817-7697

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The M 252 from **AIR LIQUIDE WELDING™** sets a new standard for semi-automatic, DC, constant voltage arc welding machines.

A patented four-roll drive system delivers wire in a smooth and consistent manner, resulting in improved arc performance and stability.

A standard Euro quick connection for the welding gun of your choice increases the versatility and adaptability of this established performer.

Add an optional SG 300 spool gun to the Euro quick connection and you have a convenient, immediate solution for all your aluminum welding needs.



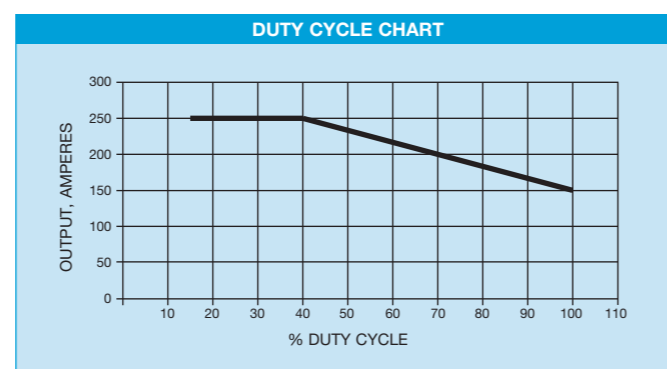
### Specifications

<b>PART NUMBER</b>	<b>ALW-MW000055269</b>
Input voltage	208 / 230 V / 460 / 575 V 1 phase
Input amperage	13 A @ 575 V / 33 A @ 230 V
Rated output	250 A @ 40% duty cycle
Maximum OCV	52 V
Wire feed speed	3 – 24 m/min (118 – 994 in/min)
Dimensions	410 x 1020 x 980mm (16 x 40 x 38 in.)
Weight	108 Kg (240 lb)
Features	Purge and jog controls
	Spoolgun ready
	EasySwitch™ input voltage selection
	Three years parts and labour warranty

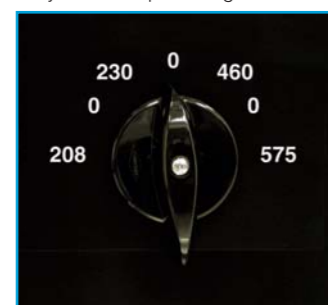
### Accessories and replacement items:

• SG 300 Spoolgun	ALW-SG090055705
• Pressure roll set (2)	ALW-SPW000050095
• Drive roll set (2) for 0.6mm (0.023") wire	ALW-SPW000050096
• Drive roll set (2) for 0.8mm (0.030") wire	ALW-SPW000050097
• Drive roll set (2) for 0.9mm (0.035") wire	ALW-SPW000050098
• Drive roll set (2) for 1.2mm (0.045") wire	ALW-SPW000050099
• Knurled drive roll set (2) for 0.9 - 1.2mm (0.035 - 0.045") tubular wire	ALW-SP190100088

### Performance Data



EasySwitch™ input voltage selection



### Front Panel Description

- A** Mode switch (2T, 4T, spot welding)
- B** Spot timer
- C** Run-in speed
- D** Burn back settings
- E** Jog control
- F** Temperature indicator (overheating)
- G** Wire feed speed control
- H** Purge control

### Comes complete with

- 4.0 m (12 ft) 300 A XP 8 welding gun (PAR-XP300A40E)
- 2.43 m (8 ft) power cord
- 3.0 m (10 ft) work cable with clamp
- Gas regulator and hose
- Running gear and cylinder rack
- 2 drive roll sets (2) for 0.6 - 0.8 mm (0.023" - 0.030") and 0.9 - 1.2 mm (0.035" - 0.045") wire

Comes complete with the new heavy-duty XP-8 welding gun



### Welding gun consumables

<b>A</b> 10mm (3/8") conical nozzle	PAR-XP200210
<b>A</b> 13mm (1/2") conical nozzle	PAR-XP200213
<b>B</b> 16mm (5/8") tapered nozzle	PAR-XP200216
<b>B</b> 19mm (3/4") tapered nozzle	PAR-XP200219
<b>C</b> Gas diffuser	PAR-XP2004B
<b>D</b> 0.6mm (0.023") contact tip	PAR-XP200306
<b>D</b> 0.8mm (0.030") contact tip	PAR-XP200308
<b>D</b> 0.9mm (0.035") contact tip	PAR-XP200309
<b>D</b> 1.2mm (0.045") contact tip	PAR-XP200312
<b>E</b> M8 head assembly	PAR-XP2005
<b>F</b> M8 head heat shield	PAR-XP2006B
<b>G</b> 0.8-1.2mm (0.030-0.045") copper liner	PAR-XP2024PC1250
<b>G</b> 0.8-1.2mm (0.030-0.045") steel liner	PAR-XP2024PS1250

