

A 160i Lift _____

160 A, Multi-Voltage (Sinelink) Welding Power Source



CC

DC

1-PHASE

PROCESSES

Stick (SMAW)
TIG (GTAW), Lift

WARRANTY

Air Liquide 3-year parts and labor warranty

The new **A 160i Lift** from Air Liquide Welding sets a new standard for constant current, DC arc welding inverters. This 90–270 VAC input (Sinelink) compact unit is a proven performer with serious welding amperage for electrodes up to 4.0 mm (5/32 in). This portable unit weighs in at an impressive 10 kg (21.8 lb). The perfect sinus input shape gains 35% in welding power over the conventional welding machine.

Infinite current regulation and thermal overload protection assist the welding operator in performing smooth and consistent welds. Built in anti-stick, hot start and arc force will ensure ease of operation and increased operator satisfaction. Throw on an optional TIG torch and you have a unit capable of Lift TIG. The new **A 160i Lift**: leading the way in performance, capabilities and versatility.

CAPABILITIES

- Wide output range of 5 to 160 A
- Welds electrodes up to 4.0 mm (5/32 in)
- TIG welding using Lift TIG

FEATURES AND BENEFITS:

FEATURES	BENEFITS
90 – 270 volt input connection	Portability and versatility
Infinite current regulation	Precise setting of amperage
Anti-stick, hot start and arc force	Ease of operation
Lift TIG	Ease of operation and less contamination
Perfect sinus input shape	Gains 35% over conventional solutions
Power limit indicator	Ease of operation
Thermostatic protection from current overload and excessive temperatures	Longevity of equipment
Manufactured under a worldwide quality system certified to ISO 9001 standards	Quality assurance
Input line voltage regulation	Consistent arc performance during input line fluctuations
Easy-to-set control knobs	Ease of operation
Dinse quick connections	Versatility and adaptability
3-year parts and labour warranty	Dependability

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SPECIFICATIONS:

Rated Output at 60% Duty Cycle (SMAW)	Welding Amperage Range	Max. OCV	Amperage Input at Rated Output	Dimensions		Net Weight	
				mm	in	kg	lb
140 A at 25 V	5 - 160 A	80	20 A	415 x 185 x 340	13.3 x 7.28 x 16.3	10	21.8

MACHINE PART NUMBER: ALW-M170500180

ACCESSORIES

<i>Description</i>	<i>Part Number</i>
• Regulator / Flowgauge with 2.43 m (8 ft) gas hose	BLU-FG580KIT
• TIG torch	WEL-QWP17F12RQ WEL-QWP17F122Q
• TIG torch accessory package	WEL-AK2