

T 160i Lift

160 A, 230-Volt Welding Power Source



CC

DC

1-PHASE

PROCESSES

Stick (SMAW)
TIG (GTAW), Lift

WARRANTY

Air Liquide 3-year parts and labor warranty

The new **T 160i Lift** from Air Liquide Welding sets a new standard for constant current, DC arc welding inverters. This 230-volt 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 9.9 kg (21.8 lb). The perfect sinus input shape gains 35% in welding power over conventional welding machines.

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 ensure ease of operation and increased operator satisfaction. This unit features high-end TIG requirements, such as post flow, slope down, and 2T / 4T welding modes. It also contains a 14-pin amphenol connection for hand or foot controls. The new **T 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
230-volt input connection	Portability and versatility
Infinite current regulation	Precise setting of amperage
Post gas flow	Contamination reduction
Slope down time setting	Reduces crater cracking
2T (manual) and 4T (automatic) operation	Ease of operation
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
Dinse quick connections	Versatility and adaptability
Wide amperage range	Ability to weld low-hydrogen and specialty electrodes up to 4.0 mm (5/32 in)
3-year parts and labor warranty	Dependability

T 160i Lift _____
160 A, 230-Volt Welding Power Source

SPECIFICATIONS:

Rated Output at 40% Duty Cycle (GTAW)	Welding Amperage Range	Max. OCV	Amperage Input at Rated Output	Dimensions		Net Weight	
				mm	in	kg	lb
160 A at 16 V	5 - 160 A	80	24 A	340 x 185 x 415	13.3 x 7.28 x 16.3	9.9	21.8

MACHINE PART NUMBER: ALW-M170500184

ACCESSORIES

<i>Description</i>	<i>Part Number</i>
• FC1 foot control	ALW-FC190500022
• Regulator / Flowgauge with 2.43 m (8 ft) gas hose	BLU-FM580KIT
• TIG torch	WEL-QWP17F12RQ
	WEL-QWP17F122Q
• TIG torch accessory package	WEL-AK2