



ENGINE DRIVEN

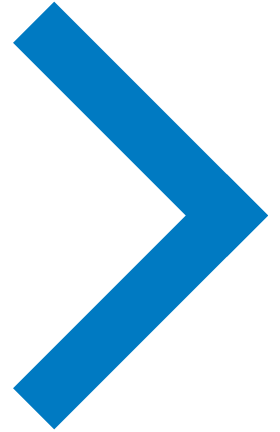


Trailblazer® 302 Air Pak™

Part No: MR907549001-1 [No VRD], MR907549001-2 [With VRD]

An All-in-One Machine That Does It All

MIG, STICK & TIG WELDING, PLASMA CUTTING, GOUGING, AIR TOOLS, BATTERY CHARGE/CRANK ASSIST



APPLICATIONS

Fabrication
Maintenance
Repair
Structural steel work
Sheet metal

PROCESSES

Stick (SMAW)
MIG (GMAW)
Flux-Cored (FCAW)
AC/DC TIG (GTAW)
Battery Charge/Crank Assist
Air Carbon Arc (CAC-A)
Rated: 3/16-inch Carbons
Capable 1/4-inch Carbons



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EASY OPERATION

Reduce fuel consumption and noise by using the front panel air flow control which matches engine speeds to air flow requirements for tools, plasma cutting and gouging.

FRONT PANEL AIR PRESSURE ADJUSTMENT

Simple to adjust the correct air pressure for specific applications (80–160 psi). Lower pressure will increase engine power for more gouging and plasma cutting output capabilities.

SIZE AND WEIGHT

Takes only half the bed space of a separate engine-driven air compressor and welder, freeing up to 50% more room on your truck for equipment and supplies. Plus decreases axle weight up to 25%.

BATTERY CHARGE/ CRANK ASSIST

- > Provides selectable 12- or 24-volt battery charging capability.
- > Provides up to 450 amps of battery crank assist capability.
- > Convenient front panel battery charge/crank assist access.

INDEPENDENT WELD AND GENERATOR ADVANTAGES

- > 13,000 watts of voltage-regulated power.
- > No interaction between grinders, power tools, etc. and the welding arc.
- > Generator power is independent of weld.
- > Four-pole weld generator produces the best arc quality.

INDUSTRIAL ROTARY SCREW AIR COMPRESSOR

- > Runs most air impact wrenches at idle.
- > Produces 31 cfm of air at 100 percent duty cycle.
- > Delivers 80–160 psi of air with no storage tank.
- > Gives 100% deliverable air.
- > Compressor is warranted by Miller for three years.

AUXILIARY OUTPUT*

- > 2 X 15 Amp Sockets.
- > RCD.
- > 1 X 32 A 240 V 1PH 60Hz.

*Generator auxiliary power is 60Hz, and intended for operating equipment associated with welding, such as angle grinders, drills and floodlights. Some Australian 50Hz equipment incorporating induction motors, such as pumps, fans, air compressors, refrigeration or air-conditioners, may not operate correctly and could be damaged. Refer to appliance supplier or manufacturer to confirm suitability.



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**PRODUCT SPECIFICATIONS**

WELD. MODE	PROCESS	AMP/VOLT RANGE	RATED OUTPUT 40°C	GENERATOR POWER	SOUNDS LEVELS @ 7M	DIM. (MM)	WEIGHT (W/O FUEL)
CC/DC	Stick/TIG	10 - 300 A	280 A at 32 V, 100% Duty Cycle	Peak: 13,000 W Continuous: 11,000 W 240 V, 50 A, 60 Hz	2,400 rpm (idle): 73.4 dB (98.4 Lwa) 3,000 rpm: 76.5 dB (101.5 Lwa) 3,600 rpm: 81.2 dB (106.6 Lwa)	H: 838 H: 876 to top of air cleaner W: 508 D: 1,514	350kg
CV/DC	MIG/ FCAW	13 - 35 A	300 A at 32 V, 100% Duty Cycle 350 A at 32 V, 60% Duty Cycle				
CC/AC	Stick/TIG	10 - 225 A	200 A at 25 V, 60% Duty Cycle				
Battery Charge/ Crank Assist one minute		12/24 V	Charge: 10-75 A Crank assist: 450 A, 12 V Crank assist: 250 A, 24 V				

AIR COMPRESSOR SPECIFICATIONS

COMPRESSOR BRAND & WARRANTY	FEATURES	FREE AIR DELIVERY	WORKING PRESSURE CONSTANT	DUTY CYCLE	OIL CAPACITY	AUTOMATIC COMPRESSOR SHUTDOWNS
Miller, 3-year warranty	Rotary screw with electric clutch for on/off, oil change intervals 500 hours	31 cfm (0.88 m3/min.) at 3,600 rpm 28 cfm (0.79 m3/min.) at 3,000 rpm 22 cfm (0.62 m3/min.) at 2,400 rpm (idle)	80 – 160 psi (550 – 100 kPa)	100%	1.7 L	Auto Shutoff: 165 psi (1140 kPa) Pressure Relief: 200 psi (1380 kPa)

ENGINE SPECIFICATIONS

ENGINE BRAND & WARRANTY	HORSE-POWER (HP)	TYPE	WELD SPEED	IDLE SPEED	FUEL CAPACITY	OIL CAPACITY	STANDARD SHUTDOWNS
Kohler CH750, 3-year warranty	27 hp at 3,600 rpm	Twin-cylinder, four-cycle overhead valve, industrial air-cooled, petrol	3,600/ 3,000 rpm	2,400 rpm	45 L	1.7 L	Low oil pressure



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ORDERING INFORMATION - AVAILABLE BASE PACKAGES

OPTION 1 - MIG/FLUX-CORED SYSTEM

POWER SOURCE

MR907549001-1 Trailblazer® 302 Air Pak™

WIREFEEDER (ALTERNATIVE WIREFEEDERS LISTED BELOW)

MR301456 ArcReach SuitCase 12

REQUIRED ACCESSORIES

AA74-0/10	Complete lead kit for ArcReach Suitcase 12 Feeder (includes all leads – gas hose & fittings)
BEQ4015AH8EMC	Bernard 440 Amp MIG gun with rotatable long 45 deg. neck, 4.6m cable, 1.2 tip
HA801AR	Argon regulator & flow gauge
MR190300	0.9 / 1.2 mm "V" groove roll kit for solid wires
MR079607	1.2 mm knurled "V" groove roll kit for flux cored wires
MR079609	1.6 mm knurled "V" groove roll kit for flux cored wires

OPTION 2 - RMD PULSE SYSTEM

POWER SOURCE

MR907549001-1 Trailblazer® 302 Air Pak™

WIREFEEDER (ALTERNATIVE WIREFEEDERS LISTED BELOW)

MR301177 FieldPro Smart Feeder (Dinse) CE

REQUIRED ACCESSORIES

Interconnecting lead kit for this option is not supplied by WIA

BEQ4015AH8EMC	Bernard 440 Amp MIG gun with rotatable long 45 deg. neck, 4.6m cable, 1.2 tip
HA801AR	Argon regulator & flow gauge
MR190300	0.9 / 1.2 mm "V" groove roll kit for solid wires
MR079607	1.2 mm knurled "V" groove roll kit for flux cored wires

OPTION 3 - MIG/FLUX-CORED SYSTEM

POWER SOURCE

MR907549001-1 Trailblazer® 302 Air Pak™

WIREFEEDER (ALTERNATIVE WIREFEEDERS LISTED BELOW)

MR301499 20 Series Wirefeeder [Basic]

REQUIRED ACCESSORIES

AM264-0/10	Interconnecting lead kit with earth leads - 10m lug
BEQ4015AH8EMC	Bernard 440 Amp MIG gun with rotatable long 45 deg. neck, 4.6m cable, 1.2 tip
HA801AR	Argon regulator & flow gauge
MR190300	0.9 / 1.2 mm "V" groove roll kit for solid wires

OPTIONAL ACCESSORIES

MR242211020	RHC-14 remote hand current control
MR300430	Wireless hand control & 14 pin receiver
MR300429	Wireless foot control & 14 pin receiver
MR301325	ArcReach Stick/TIG Remote
BEQ4010AR8EMC	400 Amp MIG gun with fixed medium 45 deg neck 3.0m cable 1.2 tip