

 ENGINE DRIVEN

1  
Phase

CC  
CV

DC  
⚡



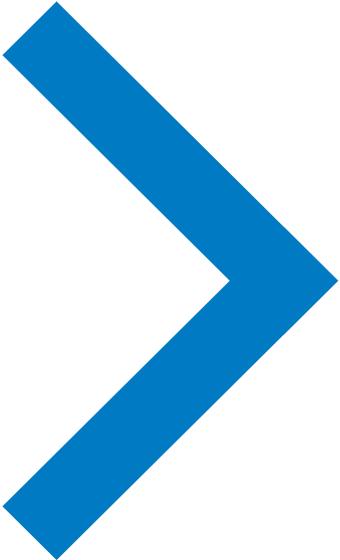
# Trailblazer 325 EFI

Part No: MR907798 [Kohler Petrol Engine]



# For Productive, Profitable, Quieter Job Sites.

UNBEATABLE ARC PERFORMANCE  
PROVIDING THE SMOOTHEST, MOST  
STABLE ARC IN THE INDUSTRY.



✓ EXCLUSIVE AUTO-SPEED TECHNOLOGY

✓ DELIVERS SUPERIOR RUNTIMES

✓ IMPROVED PERFORMANCE

✓ INCREASED FUEL EFFICIENCY

✓ LESS NOISE

APPLICATIONS	PROCESSES
Structural Steel Work	Stick (SMAW)
Sheet Metal	MIG (GMAW)
Repair	Flux Cored (FCAW)
Pipe	DC TIG (GTAW-P)
Fabrication	Arc Air Gouging
Maintenance	
Construction	

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## UNBEATABLE ARC PERFORMANCE

Wide Amperage output with better welding deposition rates means you can get jobs done faster, saving time and money. The Trailblazer also has precise arc control, which allows you to fine-tune the arc to match your personal preferences and quickly dial in the perfect parameters to optimise weld quality and maximise productivity across a variety of applications and welding processes.

## ELECTRONIC FUEL INJECTION (EFI)

Improve fuel efficiency for maximum productivity and profitability. Adding EFI to your Trailblazer welder/generator adds multiple benefits. With EFI, you'll get faster, more reliable starts in any weather – no choke adjustments needed. EFI-equipped Trailblazer machines are also up to 42 percent more fuel efficient than standard carburetor models, improving profitability. Plus, refueling less frequently means you'll spend more of your time welding, improving productivity.

## FEWER REFUELING TRIPS

No other engine driven welder/generator in the 300 Amp class lets your crews spend more time working and less time refuelling – because only Trailblazer welder/generators provide Auto-Speed™ technology and electronic fuel injection (EFI) to deliver maximum runtime.

## CLEANER & STRONGER GENERATOR POWER

Trailblazer welder/generators offer 10,500 watts of clean, truly usable generator power that is Accu-Rated™, not inflated: tested to deliver uninterrupted peak output of 12,000 watts for a minimum of 30 seconds for big loads, so you can get more jobs done.

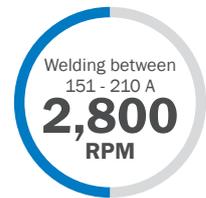
An independent welder and generator power system ensures no interaction between job-site tools and the welding arc, while advanced generator technology virtually eliminates power spikes and other electrical imperfections - so welds are cleaner and job-site tools can run without interruption, maximising quality, productivity and profit.

## AUTO-SPEED™ TECHNOLOGY

Matches engine speed to load - a Miller exclusive. Get the welding power you need plus reduced fuel consumption and lower noise levels for a more-profitable, safer job-site. Unlike competitive machines that operate at 3,600 rpm (max) under any load.

Miller exclusive Auto-Speed technology responds to weld requirements by automatically adjusting engine speed to one of four rpm levels so the engine never works harder than necessary.

Refuelling time and operating costs are reduced, which means more productivity and profitability. Plus everyone on the job-site gets a better working environment because noise levels and exhaust emissions are lowered.



ENGINE	WELD. MODE	PROCESS	AMP/VOLT RANGE	RATED OUTPUT 40 °C	GENERATOR POWER	SOUNDS LEVELS @ 7M	DIM. (MM)	WEIGHT (W/OUT FUEL)
Petrol	CC/DC	Stick/TIG	10 - 325 A	325 A at 28 V, 100%	Peak: 12,000 Watts	Weld 150 A load: 65 dB 325 A load: 73.5 dB Generator Power: 12 kW standard power: 73.5 dB	H: 711 H: 832 (to top of exhaust) W: 508 D: 1029	209kg
	CV/DC	MIG/FCAW	10 - 32 V	325 A at 28 V, 100%	Continuous: 10,500 Watts			



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## 1. SELF CALIBRATING DIGITAL METERS WITH SUNVISION

- > Preset and actual amperage/voltage
- > Process settings
- > Maintenance functions: hour meter, oil change interval, rpm

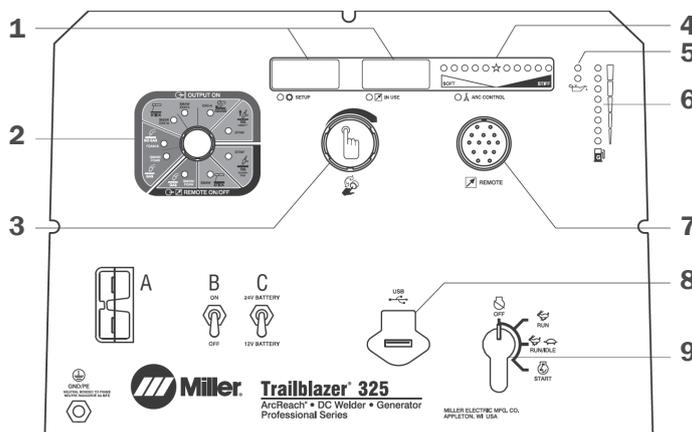
## 2. WELD PROCESS SELECTION SWITCH

## 3. PUSH BUTTON MAIN CONTROL KNOB

Used for adjusting amperage/voltage, adjusting arc control, and accessing the service menu.

## 4. ADJUSTABLE ARC CONTROL

Adjusts DIG when process control is in stick modes and adjusts inductance when process control is in FCAW or MIG modes. The amount of DIG determines how much amperage (heat) varies with stick arc length. Inductance determines the “wetness” of the weld puddle.



## 5. MAINTENANCE INTERVAL REMINDER

Yellow and red indicator lights let an operator know when the machine is approaching, and finally in need of routine maintenance.

## 6. FRONT PANEL FUEL GAUGE

LED's indicate fuel level.

## 7. STANDARD 14-PIN RECEPTACLE

For simple connection of remote controls and wire feeders. Includes Auto Remote Sense™ which automatically switches from panel to remote amperage/voltage (A/V) control with remote connected. Eliminates confusion of a panel/remote switch.

## 8. USB PORT

Allows software updates from a USB drive. A summary file of recorded data from the unit will be saved to a USB drive that is inserted.

## 9. ENGINE CONTROL

Run/idle position adjusts engine to run at lower speeds depending on total power needed for welding.

## AUXILIARY POWER\*

- > 2 x 15 Amp Sockets
- > 1 x 50 Amp 120/140 V receptacle with circuit breaker

## 3 YEAR WARRANTY

Welder/generator is warranted by Miller for 3 years, parts and labour.

For details refer to Miller's True Blue warranty statement. Engine is warranted separately by engine manufacturer.

*\*Generator auxiliary power is 60Hz, and intended for operating equipment associated with welding, such as angle grinders, drills and floodlights. Some New Zealand 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.*

MODEL	ENGINE BRAND & WARRANTY	HORSE-POWER (HP)	TYPE	WELD SPEED	IDLE SPEED	FUEL CAPACITY	OIL CAPACITY	STANDARD SHUTDOWNS
Trailblazer 325	Kohler CH730, 3-year warranty	23.5 hp at 3,600 rpm	Twin-cylinder, four-cycle overhead valve, industrial air-cooled	Auto-Speed 2,400, 2,800, 3,200 or 3,600 rpm	2,400 rpm	45 L	1.4 L	Low oil pressure



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