

CORDLESS PORTABLE WELDING CARRIAGE

Li'L RUNNER CDL PORTABLE FILLET WELDING CARRIAGE

COMPACT TRACKLESS BATTERY POWERED FILLET WELDING CARRIAGE

The L'il Runner CDL is a compact, battery-powered welding carriage engineered for precise and consistent performance in demanding fabrication environments. Designed to produce continuous butt and fillet welds with MIG/MAG torches, this trackless carriage is powered by the advanced CAS LiHD battery system, making it cable free while delivering enough energy for even the toughest mechanized welding applications.

With its 4-wheel drive system, magnetic traction, and integrated feedback loop, the L'il Runner CDL ensures stable travel speed across a wide range of welding positions. This reliability results in repeatable weld bead geometry that meets exact specifications, reducing costly overwelding and significantly lowering filler metal consumption. Operators can also program arc ignition times of up to 5 seconds at the start and end of travel to achieve superior crater filling and weld appearance.

The L'il Runner CDL is ideal for industries where long, continuous welds are critical, including trailer and truck tank manufacturing, oil and water storage tank production, transformer fabrication, and shipbuilding. Its versatility makes it a go-to solution for any application requiring durable, continuous fillet welds. For added capability, the unit can be paired with the external OSC-8 PRO pendulum oscillator, powered directly from the carriage's built-in oscillator socket, supporting precise weave welding.

Features

- Powered by an 18-volt DC battery – the same CAS battery as used in other cordless Steelmax machines
- LiHD battery ensures maximum power availability for an extremely long time
- Intelligent battery management for long-lasting battery
- Digital speed control and stabilization for high quality welds
- Multifunctional LED display to show travel speed and diagnostic messages
- Compact, lightweight design with durable aluminum cast housing
- Optional accessories make L'il Runner CDL fit for various applications with carbon steel, stainless steel and aluminum
- Possibility of pre-setting the torch activation time before and after the tractor travel for better filling of the weld seam at both ends
- Built-in oscillator socket for direct powering of external OSC-8 PRO pendulum oscillator



Continuous welding



Dual torch welding



Dual arc ignition



Horizontal speed
(0–43.3 in./min)
0–110 cm/min



Min. path
concave radius
31-1/2" (800 mm)



Min. path
convex radius
23-5/8" (600 mm)



Weight
18 lbs (8 kg)



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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

Li'I RUNNER CDL FROM STEELMAX®

Li'I Runner CDL Technical Specifications

Voltage	18V DC, 4.0 Ah
Power	20 Watts
Horizontal Welding Position	PA / IF / IG PB / 2F PC / 2G PD / 4F PE / 4G
Vertical Welding Position	PF / 3G
Torch Diameter Range	5/8" - 7/8" (16 - 22 mm)
Min. Workpiece Thickness	3/16" (4 mm)
Horizontal Pulling Force	34 Lbs
Vertical Pulling Force	22.5 Lbs
Horizontal Speed	0 - 43 in/min (0 - 110 cm/min)
Vertical Speed	0 - 39 in/min (0 - 100 cm/min)
Weight (w/out battery)	18.5 lbs (8.4 kg)
Part Number	SM-WC-LR-CDL



Dual arc ignition cable of 21 ft (6/5 m)



Ships With:

- Li'l Runner CDL welding tractor
- Battery 4.0 Ah (2 pcs included) and charger
- Standard guide arms (set of 2 pcs)
- Long rod torch holder with clamp 16-22 mm
- Dual arc ignition cable of 6.5 m (21 ft)
- 4 mm hex wrench
- Plastic box

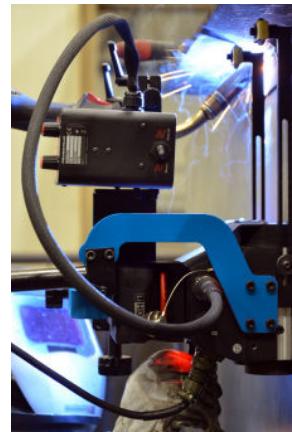
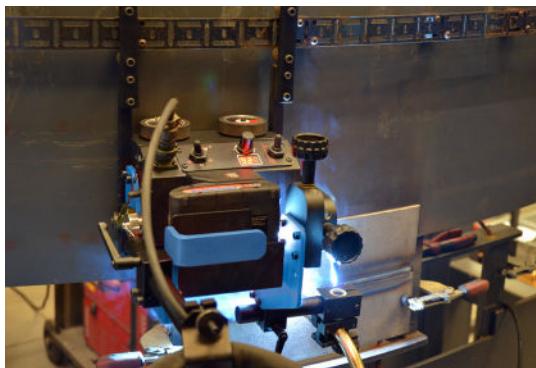
Battery Pack with Detection and alerts
Increased Benefits



- Low & high voltage monitoring
- Low & High temperature monitoring
- Temperature sensor failure
- Internal battery failure:
- Over discharge protection
- Extended battery life
- High level of safety for both tractor and operator



Standard guide arms (set of 2 pcs)



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