

NEW!

ROVER™ TRACTOR

Submerged Arc Wire Feeder

Rover™ Tractor is a self-propelled automatic tractor designed for submerged arc welding. It easily follows the welding joint when moving along the required track sections (sold separately). It can be connected with the POWERPLUS™ 1000HD, Idealarc® DC-1000 and Idealarc® DC-1500. The Rover™ Tractor is sturdy, durable and has a compact profile. It can be used to weld a wide range of thicknesses of mild steel, low alloy steel or stainless steel. The Rover™ Tractor is the ideal choice for welding applications such as shipbuilding, structural steel, boilers and pressure vessels.



Order number

K60068-2

Processes

Submerged Arc

Description

Output

Input

Advantage Lincoln

- Stable travel speed for consistent welding results.
- Ability to preset the wire diameter (2.4 to 4.8mm) for optimized arc startings.
- Easy adjustment of head and torch.
- Standard wire straightener to provide stable feeding with less power loss.
- Duty cycle: (1,000@100%) 1,200A @ 60%
- Easy to understand operation panel.

Design Features

- Ability to preset amps and volts.
- Wire diameter selection helps to optimize the welding performance using diameter-specific welding parameters.
- Fixed point start function allows for precise wire positioning.
- Touch sense function ensures that the wire stops when touching the plate.



Front panel (CC mode)

- | | |
|------------------------------------|---------------------------------------|
| 1. Welding Voltage LED | 8. Stop Button |
| 2. Welding Current LED | 9. Start Button |
| 3. Travel Speed LED | 10. Travel Direction Forward/Backward |
| 4. Power On Pilot Light | 11. Travel Mode Auto/OFF/Manual |
| 5. Inch Up | 12. Travel Speed Control |
| 6. Inch Down | 13. Welding Current Output Control |
| 7. Wire Diameter Selection Control | 14. Welding Voltage Output Control |

TECHNICAL SPECIFICATION

Items	Specification
Welding travel speed	0.1~1.2m/min
Wire feeding speed	0.2~2.5m/min
Rated output	1000A
Wire diameters (mm)	2.4 3.2 4.0 4.8
Type of wires applicable	Steel, Solid & Cored Wire
Adjustable height of cross beam	70mm
Adjustable distance of tractor head (mm)	100×100×70 (up, down; left, right; front, rear)
Rotatable angle of cross beam around vertical column	±90°
Tractor head inclination	±45°
Torch inclination	±45°
Flux container volume	6L
Inner diameter of wire spool	φ300mm
Wire spool capacity	25kg
Dimension (L×W×H) (mm)	1080×480×740
Weight	55kg (does not include wire)

Options

Description	Order Number	Specification
Control cable (9-pin tractor to 14-pin power source)	K69024-15M	15M
	K69024-30M	30M
Welding cable	K60052-70-15M	70mm ² , 15M *
	K60052-70-30M	70mm ² , 30M *
Work cable with clamp	K60027-70-4M	70mm ² , 4M *
Track	KP63127	1 Meter
Tips	KP63098-24	2.4mm
	KP63098-32	3.2mm
	KP63098-40	4.0mm
	KP63098-48	4.8mm
Replacement nozzle assembly	KP63097	
Extension tube	KP63160	

* Recommend to use 2 pcs welding cable and work cable on welding

Customer Assistance Policy

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 THE WELDING EXPERTS[®]