

Cruiser® and Tandem Cruiser® Tractors

For Extended Decking Welds

The self propelled, modular Cruiser® and Tandem Cruiser® travel carriages, used with the Power Wave® AC/DC 1000® SD power source, can deliver deposition rates up to 30 lbs per arc, per hour for butt and fillet joints on lengthy plate welding applications common in bridge or barge decking, large tank fabrication or shipbuilding.

Processes

Submerged Arc

Output



Input



Shown: K3048-1
Cruiser® Tractor



Shown: K3083-1
Tandem Cruiser® Tractor



What's Included

- Conduit Tubing – 5 feet (1.5 m)
- 5/32 in. (4.0 mm) 600 Amp Contact Nozzle Assembly
- 5/32 in. (4.0 mm) Contact Tip
- Nozzle Extension – 5 in. (127 mm)
- Curved Nozzle Extension, 45°
- Nozzle Extension Insulator
- Flux Tubing
- Flux Hose Clamps
- Wire Reel Assembly
- Wheels for Track Operation
- Cross Slide Assembly (2 for Tandem)
- Front and Rear Outriggers
- Enclosed Wire Reel (2 for Tandem)
- K1733-5 Wire Straightener (2 for Tandem)

Note: Control cable not included

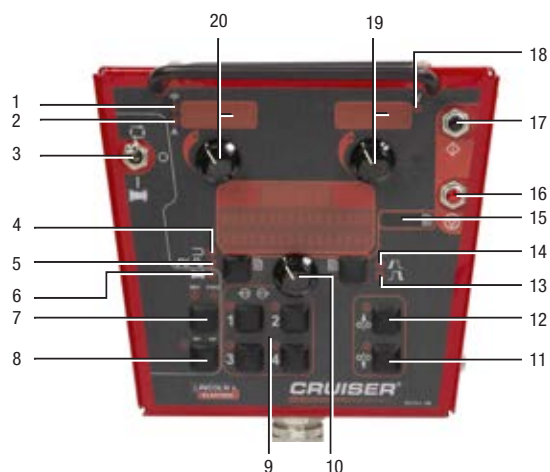
Key Features

- **Reliable Operation** – Strong, rigid and stiff especially where you need it most.
- **Advanced Control Pendant** – Removable, lightweight, impact resistant aluminum user interface can be used to save procedures, apply limits and lockouts for any or all controls.
- **Common Expendable Parts** – All drive rolls, nozzles, contact tips and wire straighteners are shared with the MAXsa® submerged arc wire drives.
- **Multiple Configurations** – Flexible system allows set up with or without a track and three or four wheel operation. Tandem model not recommended for three wheel operation.

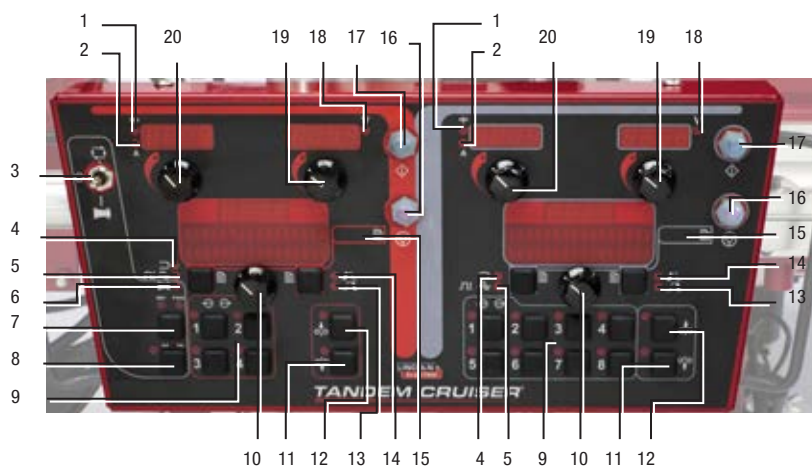
Technical Specifications

Product Name	Product Number	Input Power	Rated Output Current/Duty Cycle	Travel Speed in/min (m/min)	Gearing	Wire Feed Speed Range ipm (m/min)	Wire Size Range in. (mm) Solid	Dimensions H x W x D in. (mm)	Net Weight lbs. (kg)
Cruiser® Tractor	K3048-1	40 VDC	1000A / 100%	10 - 100 (0.25 - 2.5)	142:1	15 - 200 (0.4 - 5.0)	3/32 - 7/32 (2.4 - 5.6)	29 x 23 x 36 (736 x 584 x 914)	207 (94)
					95:1	15 - 300 (0.4 - 7.6)	1/16 - 1/8 (1.6 - 3.2)		
Tandem Cruiser® Tractor	K3083-1				57:1	50 - 500 (1.3 - 12.7)	1/16 - 3/32 (1.6 - 2.4)	36.5 x 45.5 x 41.5 (927 x 1156 x 1054)	300 (136)

KEY CONTROLS CRUISER®



TANDEM CRUISER®



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|--|-------------------------------------|--------------------------------------|----------------------------------|
| 1. WFS LED | 6. Travel Menu (Left Button) | 13. Arc End Options (Right Button) | 19. Voltage Display and Control |
| 2. AMPS LED | 7. Travel Direction | 14. Arc Start Options (Right Button) | 20. WFS/Amps Display and Control |
| 3. Auto / OFF / Manual Travel Switch | 8. Jog | 15. Set-Up Menu | |
| 4. Weld Mode Selection (Left Button) | 9. Memories | 16. Stop Pushbutton | |
| 5. Frequency and Balance (Left Button) | 10. Mode Select Display and Control | 17. Start Pushbutton | |
| | 11. Inch Down | 18. Volts LED | |
| | 12. Inch Up | | |

RUGGED DESIGN & FLEXIBLE ADJUSTMENT FOR ANY CONFIGURATION

- Improved Rigidity and Stiffness
- Heavy Duty Cross Slides
- New Rugged Wheels
- Modified Mast and Boom Clamping System
- Proven Industrial Wire Drive
- Cable Rack
- Laser Pointer and Improved Steering
- Tandem Cruiser® for greater weld deposition

