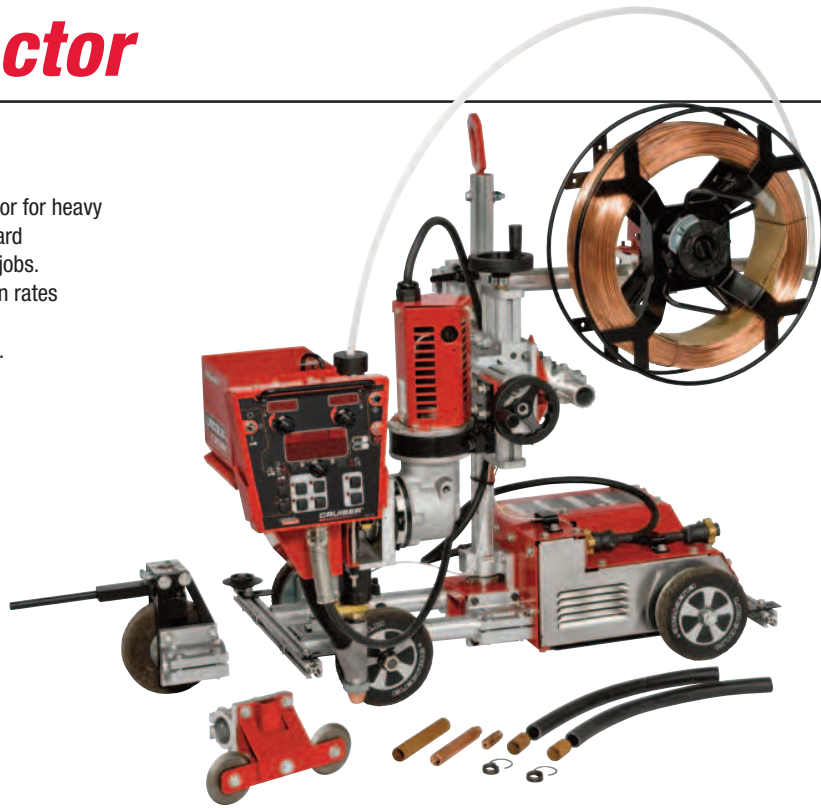


# Cruiser™ Tractor

## For The Long Haul

The Cruiser™ is a flexible wire feeding tractor for heavy plate submerged arc welding in field and yard applications. Designed for big joints on big jobs. Weld butt joints and fillet joints at deposition rates up to 30 lbs./hr. Comes ready to weld with joint tracking kits and drive rolls for 5/32 in. (4.0 mm) solid wire.

**Processes**  
Submerged Arc



Output



Input



## Key Features

- **Designed for Welding Big Joints on Big Jobs** – Ideal for welding heavy plate on barges, ships, large tanks, bridges, and offshore platforms.
- **High Deposition Rates Up to 30 lbs/hr.** – Rated output of 1000 amps at 100% duty cycle.
- **Versatile Travel Capabilities** – 3 or 4 wheel configuration for use with or without track.
- **Lightweight Pendant Control with Digital Meters** – Save procedures, apply procedure limits, and lockout any or all controls.
- **Rugged Mast and Arm** – Keeps the wire drive in a steady position and allows flexible adjustment.
- **Proven Industrial Wire Drive Design** – Rotates on two axes and is attached to heavy duty cross slides for any torch angle. Feed up to 7/32 in. (5.6 mm) diameter wire.

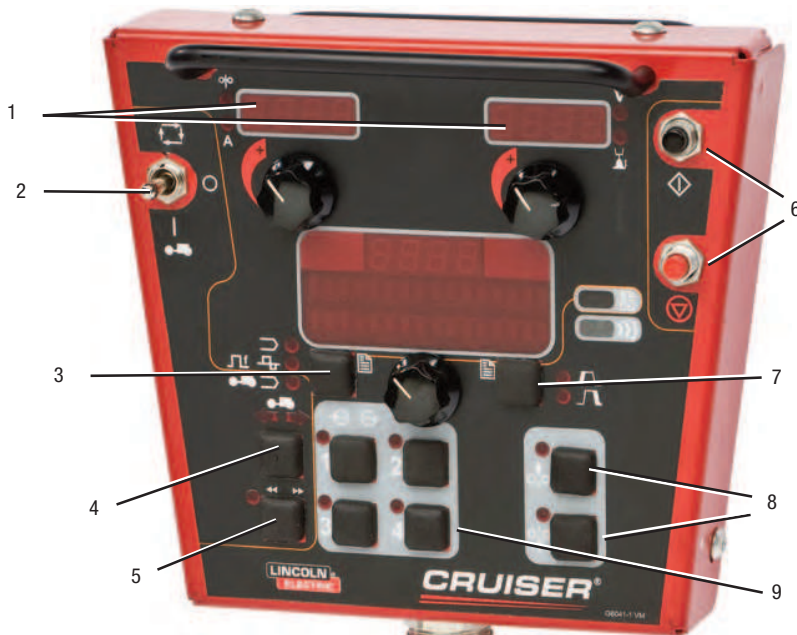
## K2607-1 Includes

- Pendant Control
- Butt, Fillet and Lap Joint Tracker
- 50-60 Lb. (22.7 - 27.2 kg) Coil Adapter
- Wire Straightener
- Drive Roll/Guide Tube Kit for 5/32 in. (4.0 mm) solid wire
- Contact Nozzle Assembly
- Nozzle Extension
- Contact Tip for 5/32 in. (4.0 mm) solid wire

## 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	K2607-1	40 VDC	1000A / 100%	10 - 100 (0.25 - 2.5)	142:1	15 - 200 (0.4 - 5.0)	1/16 - 7/32 (1.6 - 5.6)	29 x 23 x 36 (737 x 584 x 914)	140 (63.5)

**KEY CONTROLS**



**1. Digital Meters**

**2. Travel Mode Switch**

- Auto
- Off
- Manual

**3. Pushbutton Menu Options**

- Weld Mode Select
- Frequency and Balance
- Travel Options

**4. Travel Direction:**

- Forward
- Reverse

**5. Jog**

**6. Start and Stop Pushbutton**

**7. Arc Start/End Options Selector**

- Start Options Indicator Light
- End Options Indicator Light

**8. Feed Reverse/Feed Forward Buttons**

**9. 4 Memory Buttons:**

- Save common procedures. (including travel)
- Apply operator range or limits
- Lockout changes for procedure control

**RUGGED DESIGN & FLEXIBLE ADJUSTMENT FOR ANY CONFIGURATION**

**1. Mast and Frame**

- Heat treated aluminum alloy tubing
- Creates a rigid frame for steady position
- Mast and boom completely separates from the base for mobility

**2. Heavy Duty Cross Slides**

- Easy adjustment of electrode stick-out and position
- Accurate positioning of the electrode in joint

**3. Hardened Base Construction**

- Stainless steel to reduce corrosion
- Heat shield to withstand preheated plate
- Environmentally hardened (IP23 Rated)

**4. Stable Travel and Tracking**

- 3 or 4 wheel configuration on same model
- Easy to use clutch
- Factory ready for use with or without track
- Patent Pending wheel design that endures impacts, is high temperature resistant and excellent traction

**5. Proven Industrial Wire Drive**

- Feeds wire up to 7/32 in. (5.6 mm) diameter
- Changeable gears for a wide range of wire feed speed range
- Rotation in two directions for any torch angle
- 1000A, 100% Duty Cycle

