



- **Trailer-Mounted**
- **Arm-Driven**
- **Self-Propelled**

When economy of operation is paramount, this self-propelled, self-loading, cable reel trailer is ideal. The AD108 Cable Handler is the answer for transporting, removing and installing duct-routed underground cable.

Pulling overhead cable can also be handled with the optional overhead conductor pulling controls.

The AD108's design features include infinitely variable reel rotation speed and pulling force. Reel rotation is direct drive to the center of the reel. Variable displacement pressure-compensating piston pump and heavy-duty gear drives assure smooth, efficient operation.

The AD108's self-propelled feature enables the unit to be easily positioned into tight places. The reel lifting arms enable the trailer to load reels independently of a crane or a mandrel bar. Trailer propulsion, steering and all reel handling functions are operated by remote control for greater operator confidence and increased flexibility. The Propulsion System generates 3,000 lbs (1,361 kg) drawbar pull.



## STANDARD FEATURES

- Reels Are Loaded And Rotated Under Power Without The Use Of A Mandrel Bar.
- Positive Reel Rotation Is Achieved By Hydraulic Gear Drives Mounted In The Reel Loading Arms.
- Reel Is Mechanically Engaged To The Drive Mechanism For Positive Pull-In And Pay-Out Capability.
- For Ease Of Loading, Reel Loading Arms Hydraulically Adjust To Reel Width And Diameter.
- Reel Drive Output Shafts Are Capable Of Generating 150,000 in-lb (16,948 N-m) Of Torque.
- Unit Is Capable Of Removing Or Installing Cable Throughout The Entire Range Of Load Arm Articulation.
- Operation Of Unit Provides Extremely Smooth And Efficient Removal And Installation Of Underground Cable.
- All Major Functions Can Be Operated From The Standard Panel Or Radio Controls.
- Self-Propelled By Hydraulically-Driven Nose Wheel, And Operated From Panel Or Radio Controls For Ease Of Maneuverability
- Steerable Nose Wheel Is Hydraulically-Controlled From Panel Or Radio Controls.
- Trailer Tongue Is Hydraulically Raised And Lowered For Ease Of Attachment To Towing Vehicle.
- Spring-Applied Hydraulic Release Brakes Are Automatically Operated When The Trailer Is In Self-Propel.
- State-Of-The-Art Hydraulic System Is Remotely Controlled From The Panel Or Radio Controls.
- Pump Is Direct-Coupled To The Engine.

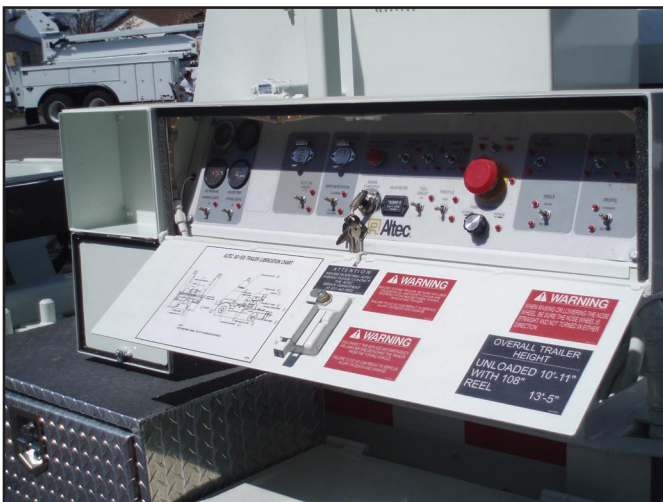
## OPTIONS

- Capstan Drive—Hydraulic
- Generator—12 VDC Motor-Driven, 500 Watt, 110 VAC
- Hydraulic Jumper Circuit
- Material Storage Box
- Overhead Conductor Pulling Controls
- Pilot Line Winder
- Tool Circuits—Hydraulic With Control Valve
- Hose Reel—For Hydraulic Tool Circuit
- Water Pump—Hydraulic, Submersible
- Wheel Chocks—Rubber
- Wood Reel Adapter

## SPECIFICATIONS

|                          |                                  |                     |
|--------------------------|----------------------------------|---------------------|
| Reel Diameter            | 108 to 48 in                     | (2,743 to 1,219 mm) |
| Reel Width               | 68 to 38 in                      | (1,727 to 965 mm)   |
| Reel Weight              | 14,000 lb                        | (6,350 kg)          |
| Drive Torque             | 150,000 in-lb                    | (16,948 N-m)        |
| Drive Speed              | 0 to 12 RPM, infinitely variable |                     |
| Trailer Propulsion Speed | 0 to 1.5 MPH                     | (2.4 km/h)          |

Altec Cable Handlers meet or exceed all applicable ANSI Standards as of the date of manufacture. Altec reserves the right to improve models and change specifications without notice or obligation.



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