

Model 317-318



# Proven Solutions



**LANDOLL 317/318**  
**HYDRAULIC TRAVELING AXLES**





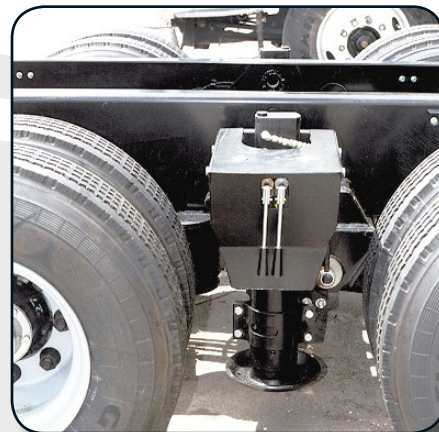
# Investing In The Future...

## The Landoll Model 317/318 Series...

### Proven Design delivers Top Performance

Don Landoll, Landoll Corporation's owner and founder, designed and patented the first traveling axle trailer. Landoll's vast experience in providing a wide range of high quality innovative products spans back to 1963. The term "LANDOLL" has become synonymous with "TRAVELING AXLE TRAILER".

The 317C and 318C trailers feature a one-piece, 4-beam frame designed with low-load and a 29 inch full width, **rigid flat approach plate**. Operators can *easily* and *safely* load a wide variety of equipment without the use of ramps or blocks, eliminating the possibility of damage from high centering or dragging the load over an abrupt approach. Landoll's approach plate can be used for additional load deck space and has four tie-down chain slots. The 317 series is ideal for transporting forklifts, asphalt pavers, and other low-profile equipment.



- Optional 62,000# Dock Level Hydraulics
- Load from Ground to 57" Dock Height

#### Field Installed Options

- Self Contained Hydraulic Power
- Dock Level Hydraulics
- Remote Controls
- Bulkheads

Model Dimensions	317 - 48	317 - 50	317 - 53	318 - 48	318 - 50	318 - 53
Overall Length	48'	50'4"	53'	48'	50'	53'
Deck Length	37'	39'9"	42'5"	37'	39'	42'
King/Center Rear Axle	38'10"	41'8"	44'2"	38'9"	40'9"	43'9"
King Pin Setting	24"	24"	24"	26"	26"	26"
Top Deck Length	104"	104"	104"	110"	110"	110"
Slope	22"	22"	22"	22"	22"	22"
Swing Clearance	70½"	70½"	70½"	74½"	74½"	74½"
King Pin Height	49"	49"	49"	49"	49"	49"
Deck Height	38"	38"	38"	38"	38"	38"
Axle Spacing	49"	49"	49"	54"	54"	54"

### Full Hydraulic Control

Landoll's full tilt trailers give the operator full control of the trailer and heavy loads. No other trailer controls the weight distribution during loading as precisely as a 317C or 318C. Landoll trailers tilt to a maximum angle allowing the operator to move the undercarriage rearward without the rear of the trailer losing contact with the ground—*very important when loading heavy loads!*



- Easy to Operate Hydraulic Controls
- Selector Valve for Dock Legs

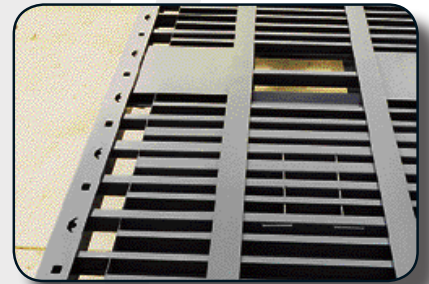
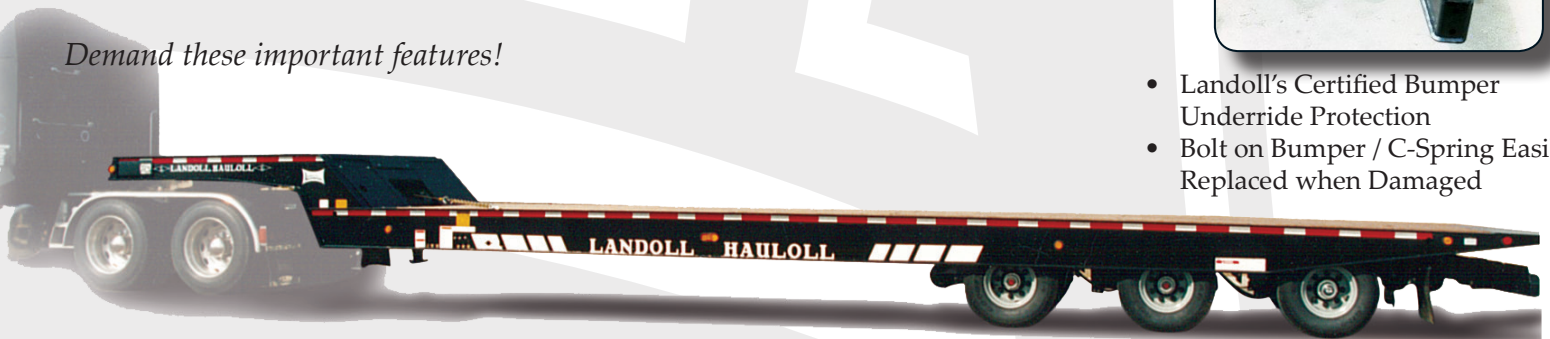
# Landoll 317/318

## *Delivering the Difference . . .*

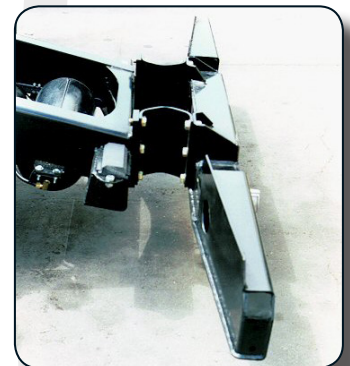
Landoll's traveling axle trailers have changed the specialty transport business forever. The 317C and 318C rigid frame design has proven its durability with many years of valued service. The rugged main beams are fabricated in-house from 80,000 and 100,000 PSI steel. Landoll then incorporates high tensile strength junior I-beam crossmembers which provide unsurpassed strength, while at the same time offering **substantial weight savings**.

The traveling undercarriage is what sets Landoll apart from the competition. Computer designed fabricated steel beams, **greaseable roller bearings**, and **powder coat paint** is available only from Landoll. The undercarriage roller bearings lower the deck into patented pockets fabricated from 100,000 PSI steel and align the axles. Make certain your next trailer has undercarriage rollers. This concept minimizes the power required to move heavy loads in comparison to the old slide method. Landoll utilizes an **e-chain flexible conduit** to protect the hydraulic and electrical lines while the undercarriage travels forward.

*Demand these important features!*



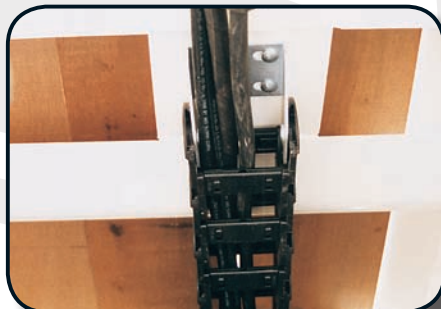
- Fabricated Four I-Beam Frame
- Jr. I-Beam on 16" Centers
- Optional Forklift Package Doubles Crossmembers
- Heavy Duty Steel Plate Over Wheels



- Landoll's Certified Bumper Underride Protection
- Bolt on Bumper / C-Spring Easily Replaced when Damaged



- Sealed Wiring System Retained by Steel Clamps
- Keeps out Moisture and Elements for Fewer Electrical Problems



- Flexible Heavy Duty Plastic E-Chain Houses and Protects the Air, Electrical, and Hydraulic Hoses During Undercarriage Travel
- Eliminates Problems Caused by Poor Road Conditions



- Additional Loaded Deck Space
- Equipped with Four Tiedowns Slots
- Full Width Flat Approach Plate, No Hinge
- Load a Wide Variety of Equipment

# Standard & Optional Equipment/Features

Model 317-318

S=Standard O=Optional

MODEL 318	50 TON	100,000#
MODEL 317	35 TON	70,000#
<b>MAIN FRAME</b>		
- Fabricated 100,000 PSI AND 80,000 PSI Yield Steel	S	S
- Four Beam Frame Design	S	S
- Capacity - 70,000# Distributed 50,000# Concentrated in 10'	S	
- Capacity - 100,000# Distributed 70,000# Concentrated in 10'		S
<b>KINGPIN SETTING</b>		
- 24" Setting / 70½" Swing Clearance	S	
- 18" Setting / 76½" Swing Clearance	O	
- 26" Setting / 74½" Swing Clearance		S
<b>CROSSMEMBERS</b>		
- 3½" x 3½" Tube Alternating with 4" Jr. I-Beams on 8" Centers	S	
- 4" x 4" Tube Alternating with 4" Jr. I-Beam on 8" Centers		S
<b>DECK &amp; ACCESSORIES</b>		
- 48', 50', 53' Overall Length	O	O
- 102" Width	S	S
- 96" Width (Consult Factory)	O	O
- 38" Deck Height (Loaded)	S	S
- 1-3/8" Apitong Wood Deck	S	S
- 1/8" Steel Tread Plate	O	O
- 45° Slope Drop	S	S
- 24" Pull-Out Side Extension or 12" Outrigger Swing Out	O	O
- Flat Approach Plate with Four Key Hole Tie Downs	S	S
- Load Angles 8½°	S	S
- Extra Web Mounted Lights	O	O
- Forklift Package (Additional Crossmembers / Capacity)	S	S
- Deck Strap 1¼" x 9" (for Track Area)	O	O
- Rub / Chain Rail - Web Mount	O	O
- Skid Plate for Container 3/8" x 6"	O	O
- Toe Board 3/8" x 2½" on Lower Deck	O	O
- Twin Upper Deck Mounted Tool Box with Lockable Door	S	S
- Web Mounted Tool Box, Lower Deck	O	O
<b>WINCHES &amp; ACCESSORIES</b>		
- Worm Gear 12,000# with 85' of ½" Cable	S	S
- Worm Gear 20,000# with 85' of 5/8" Cable	O	O
- Planetary Winch	O	O
- Pivoting Cable Roller Guide for Winch (Top Deck Only)	O	O
- Cable Roller Guide for Winch	O	O
- Air Tension / Air Operated Winch Free Wheel (Available with Pivoting Cable Roller Guide - 20,000# Winch Top Deck Mtd)	O	O
- Location for Second Winch Available for All Winch Sizes	S	S
- Multi-function Remote Control (Wire or Wireless)	O	O
- Halogen Winch Lights	O	O
- Bolt On "D" Ring at Winch	O	O
<b>TIE DOWNS / CHAIN GOTCHAS</b>		
- Double Key Hole Chain Slots Located on 32" Centers	S	S
- Alternating Stake Pockets on 32" Centers	S	S
- Extra Recessed Mounted "D" Rings-Lower Deck Only	O	O
- Extra Flush Mounted "D" Rings	O	O
- Ratchet Winch for 4" Nylon Strap - Weld On	O	O
<b>BULKHEADS</b>		
- 16" / 24" 2 Position Bulkhead / Front Extension (Solid)	O	O
- 48" High Mesh, 96" or 102" Width	O	O
- Bolt on Binder Storage Rack for 48" Bulkheads	O	O
- Halogen Work Light - Dual (Mounted on Bulkhead)	O	O

MODEL 318	50 TON	100,000#
MODEL 317	35 TON	70,000#
<b>PARKING STANDS</b>		
- Two Speed Landing	S	S
- Hydraulic Parking Stands	O	O
<b>AXLES</b>		
- (2) 25,000# Tandem Dual Tire, Oil Bath Bearings	S	
- (2) 25,000# Tandem Dual Tire, Oil Bath Bearings		S
<b>SUSPENSION</b>		
- Neway RLU228 Air Ride, 22,500# Capacity	S	S
- Spring Suspension Transpro Mono Leaf	O	
- Dock Level Hydraulics - 62,000#	O	O
- Two Pair of 62,000#		O
(Not Available with Spring Suspension or Low Profile Tires)	O	O
- Centralized Grease System	S	S
<b>BRAKES</b>		
- Automatic Slack Adjusters	S	S
- 12¼" x 7½" Full Air / ABS 4S2M	S	S
- Steel Out Board Brake Drums	S	S
- Spring Brakes on 2 Axles	S	S
<b>OIL SEAL HUBS / RIMS</b>		
- Internal Mated Assembly	S	S
- 6¾" x 17½" Tubeless 8 Hole Hub Pilot Disc Type	S	S
<b>TIRES</b>		
- 10R 17½ Double Coin	S	S
- 10R 17½ Michelin	O	O
- 235 / 75R 17½ Bridgestone	O	O
- 255 / R22½ Goodyear Tires on Hub Pilot Type Rims	O	O
16½" x 7" Full Air / ABS 4S2M		
7½" x 22½" Tubeless 10 Hole Pilot Disc Type		
Spare Tires and Rims Available in Standard & Optional Sizes		
- Spare Tire Carrier 48" Bulkhead, Front or Rear Mounted	O	O
- Dual Spare Tire Carrier 48" Bulkhead, Front Mounted	O	O
<b>WHEEL ACCESSORIES</b>		
- Stainless Steel Wheel Covers - 6¾" x 17½"	O	O
- Hubometer (Not Available with Stainless Steel Wheel Covers)	O	O
<b>HYDRAULIC POWER SOURCE</b>		
- Quick Couplers / 2500 PSI-17GPM	S	S
- Air Shift PTO and Wet Kit for Tractor - Not Installed	O	O
- 25 H.P. Engine Pkg.*	O	O
*Slope Mounted, Upper Deck or Front Extension Mount		
- Engine Cover for Upper Deck or Extension Mount	O	O
<b>AIR / ELECTRICAL CONNECTION</b>		
- Glad Hand 7 Way Receptacle	S	S
<b>WIRING HARNESS / LIGHTS</b>		
- Grote "Ultra Blue Seal" System	S	S
- Grote LED Rubber Grommet Mounted with 10 Year Warranty	S	S
- Center Mounted Side Turn Signal	S	S
<b>FINISH / COLOR</b>		
- Steel Grit Shot Blast to Bright Metal	S	S
- TGIC Polyester Powder Coat	S	S
White, Black, Yellow, Blue, Red, Green		
<b>WEIGHT</b>		
- 48' - 15,500# (approx. base)	S	
- 48' - 19,000# (approx. base)		S

Specifications subject to change without notice. Pictures may show optional equipment.

**Call 1-800-428-5655 for Proven Solutions for Your Hauling Needs**

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**Remember: Quality is Always a Bargain!**



Intertek  
L317-318/1112