

# The Landoll Model 317/318 Hydraulic Traveling Axles



## Proven Strength and Reliability

### 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 317 and 318 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.

### Model 317 & 318 Dimensions

		317			318		
A	Overall Length	48'	50'4"	53'	48'	50'	53'
B	Deck Length	37'	39'9"	42'5"	37'	39'	42'
C	King/Center Rear Axle	38'10"	41'8"	44'2"	38'9"	40'9"	43'9"
D	King Pin Setting	24"	24"	24"	26"	26"	26"
E	Top Deck Length	104"	104"	104"	110"	110"	110"
F	Slope	22"	22"	22"	22"	22"	22"
G	Swing Clearance	70.5"	70.5"	70.5"	74.5"	74.5"	74.5"
H	King Pin Height	49"	49"	49"	49"	49"	49"
I	Deck Height	38"	38"	38"	38"	38"	38"
J	Axle Spacing	49"	49"	49"	54"	54"	54"

Landoll. Delivering The Difference.

### 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 317 or 318. 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!



# The Landoll Model 317/318 Hydraulic Traveling Axles



## Versatility, Maneuverability.

Landoll's traveling axle trailers have changed the specialty transport business forever. The 317 and 318 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 tensil strength Jr. 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, as 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
- **FIELD INSTALLED OPTIONS**
- **Self Contained Hydraulic Power**
- **Dock Level Hydraulics**
- **Remote Controls**
- **Bulkheads**
- Landoll's certified bumper under-ride protection
- Bolt on Bumper/C-Spring easily replaced when damaged
- Slope mounted 12,000 lb winch standard
- Optional 20,000 lb winch
- Upper deck mounting location
- Flexibility, choose either winch or location

For more information, see us today  
or visit our Web site at [www.landoll.com](http://www.landoll.com)



# Landoll Versatility



## Versatility = Flexibility

Landoll supplies a 12,000 lb. hydraulic winch standard or you can select an optional 20,000 lb. winch and choose the location, slope or upper deck. You can even choose to have two winches. That's flexibility... Don't settle for less!

The 317 and 318 are also designed to accept aftermarket options. Order field install options like bulkheads, hydraulic winches, roller guides, remote controls, dock level hydraulics and just bolt them on. The routing holes and mounting brackets are manufactured into the frame design at the factory.

- Optional 62,000 lb. dock level hydraulics
- Load from ground to 57" dock height
- Easy to Operate Hydraulic Controls
- Selector Valve for Dock Legs
- Optional Steel Pullouts to 12'6" width (pictured)
- Optional Swingout extensions to 10'6" width
- Extensions are full length of lower deck
- Sealed wiring system retained by steel clamps

- Keeps out moisture & 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

For more information, see us today  
or visit our Web site at [www.landoll.com](http://www.landoll.com)



# There's a Landoll Trailer For All Your Transport Needs...



**Towing and Recovery**

**Construction**

**Rental**

**Farm Equipment**

**Riggers**

**Contract Haulers**

**Forklifts**

**Oil Field**

**Expandability = Versatility.**

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## Standard & Optional Equipment/Features

### Model 317 & 318 Hydraulic Traveling Axle

MODEL 318 - 50 Ton, 100,000#		MODEL 318 - 50 Ton, 100,000#	
MODEL 317- 35 Ton, 70,000#		MODEL 317 - 35 Ton, 70,000#	
<b>MAIN FRAME</b>			
- Fabricated 100,000 PSI and 80,000 PSI Yield Steel	S	S	
- Four Beam 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 / 70.5" Swing Clearance	S		
- 18" Setting / 76.5" Swing Clearance	O		
- 26" Setting / 74.5" Swing Clearance		S	
<b>CROSSMEMBERS</b>			
- 3-1/2" x 3-1/2" Tube Alternating with 4" Junior I-Beams on 8" Centers	S		
- 4" x 4" Tube Alternating with 4" Junior 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 Degree Slope Drop	S	S	
- 24" Pull-Out Side Extension or 12" Outrigger Swing Out	O	O	
- Flat Approach Plate w/Four Key Hole Tie Downs	S	S	
- Load Angles 8.5 Degrees	S	S	
- Extra Web Mounted Lights	O	O	
- Forklift Package (Additional Crossmembers/Capacity)	S	S	
- Deck Strap 1-1/4"x9" (for Track Area)	O	O	
- Rub/Chain Rail -Web Mount	O	O	
- Skid Plate for Container 3/8"x6"	O	O	
- Toe Board 3/8"x2-1/2" on Lower Deck	O	O	
- Twin Upper Deck Mounted Tool Box w/Lockable Door	S	S	
- Web Mounted Tool Box, Lower Deck	O	O	
<b>WINCHES &amp; ACCESSORIES</b>			
- Worm Gear 12,000# w/85' of 1/2" Cable	S	S	
- Worm Gear 20,000# w/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 w/ Pivoting Cable Roller Guide-20,000# Winch Top Deck Mtd)	O	O	
- Location for Second Winch Available for All Winch Sizes	S	S	
- Multifunction Remote Control (Wire or Wireless)	O	O	
- Halogen Winch Light	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	
<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	
- (3) 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	O
- Dock Level Hydraulics - 62,000#		O	O
- Two Pair of 62,000#		O	O
(Not Available w/Spring Suspension or Low Profile Tires)		O	O
- Centralized Grease System		S	S
<b>BRAKES</b>			
- Automatic Slack Adjusters		S	S
- 12.25" x 7.5" 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
- 6.75 x 17.5 Tubeless 8 Hole Hub Pilot Disc Type		S	S
<b>TIRES</b>			
- 10R 17.5 Double Coin		S	S
- 10R 17.5 Michelin		O	O
- 235/75R 17.5 Bridgestone		O	O
- 255/R22.5 Goodyear Tires on Hub Pilot Type Rims		O	O
16.5" x 7" Full Air/ABS 4S2M			
7.5 x 22.5 Tubeless 10 Hole Hub 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 - 6.75 x 17.5		O	O
- Hubometer (Not Available w/Stainless Steel Wheel Covers)		O	O
<b>HYDRAULIC POWER SOURCE</b>			
- Quick Couplers/2500 PSI-17GPM		S	S
- Air Shift PTO & Wet Kit for Tractor - Not Installed		O	O
- 25 H.P. Engine Pkg *		O	O
* Slope Mounted, Upper Deck or Front Extension Mount		O	O
- 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