

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!



Standard & Optional Equipment/Features
Model 317 & 318 Hydraulic Traveling Axle

MODEL 318 - 50 Ton, 100,000#		
MODEL 317- 35 Ton, 70,000#		
MAIN FRAME		
- 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
KINGPIN SETTING		
- 24" Setting / 70.5" Swing Clearance	S	
- 18" Setting / 76.5" Swing Clearance	O	
- 26" Setting / 74.5" Swing Clearance		S
CROSSMEMBERS		
- 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
DECK & ACCESSORIES		
- 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
WINCHES & ACCESSORIES		
- 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
TIE DOWNS / CHAIN GOTCHAS		
- 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
BULKHEADS		
- 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#		
PARKING STANDS		
- Two Speed Landing	S	S
- Hydraulic Parking Stands	O	O
AXLES		
- (2) 25,000# Tandem Dual Tire, Oil Bath Bearings	S	
- (3) 25,000# Tandem Dual Tire, Oil Bath Bearings		S
SUSPENSION		
- 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 w/Spring Suspension or Low Profile Tires)	O	O
- Centralized Grease System	S	S
BRAKES		
- 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
OIL SEAL HUBS / RIMS		
- Internal Mated Assembly	S	S
- 6.75 x 17.5 Tubeless 8 Hole Hub Pilot Disc Type	S	S
TIRES		
- 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
WHEEL ACCESSORIES		
- Stainless Steel Wheel Covers - 6.75 x 17.5	O	O
- Hubometer (Not Available w/Stainless Steel Wheel Covers)	O	O
HYDRAULIC POWER SOURCE		
- 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
AIR/ELECTRICAL CONNECTION		
- Glad Hand 7 Way Receptacle	S	S
WIRING HARNESS/LIGHTS		
- 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
FINISH/COLOR		
- Steel Grit Shot Blast to Bright Metal	S	S
- TGIC Polyester Powder Coat	S	S
White, Black, Yellow, Blue, Red, Green		
WEIGHT		
- 48' - 15,500# (approx. base)	S	
- 48' - 19,000# (approx. base)		S

specifications subject to change without notice