

# The Landoll Model 660 Hydraulic Traveling Axles



## Designed To Exceed Your Need

Landoll has been the leader in the industry since the invention of their hydraulic traveling axle trailer concept decades ago. Landoll continues to bring you the most innovative design by offering the Model 600 Series trailer.

The Model 600 Series consists of two models, the 660B and the 610B. This series is available in 48', 50' or 53' lengths. These models feature advanced technology, modern manufacturing and performance improvements to ensure the highest possible return on investment. This series provides load angle flexibility allowing full operational control of the trailer at all times.

The Model 660B is a 2 axle, 70,000# capacity trailer. The 660B will load the toughest equipment, including laydown machines and rollers with ease.

The Model 610B is a 3 axle with 60" spacing, 100,000# capacity trailer. This rugged unit is designed for heavy loads up to 70,000# within 16'. Riggers and heavy haul specialty transport companies take advantage of the Model 610B's reliability and strength to move their customer's unique payloads.

Model 660B & 610B Dimensions		660B		610B	
A	Overall Length	48'	50'4"	53'	48'
B	Deck Length	37'	39'9"	42'5"	37'
C	King/Center Rear Axle	38'10"	41'8"	44'2"	38'9"
D	King Pin Setting	24"	24"	24"	26"
E	Top Deck Length	104"	104"	104"	110"
F	Slope	22"	22"	22"	22"
G	Swing Clearance	70.5"	70.5"	70.5"	74.5"
H	King Pin Height	49"	49"	49"	49"
I	Deck Height	38"	38"	38"	38"
J	Axle Spacing	49"	49"	49"	54"

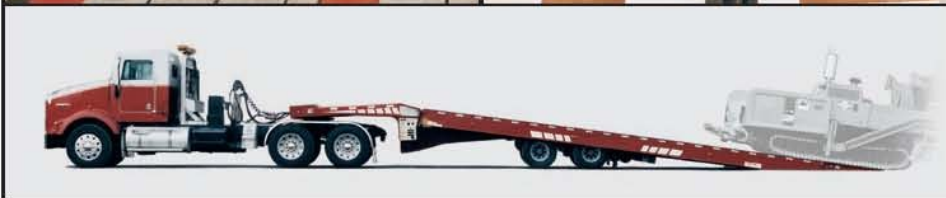
Landoll. Delivering The Difference.

### 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 610B or 660B. 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 with heavy loads!



# The Landoll Model 610B/660B Hydraulic Traveling Axles



## Load Angle Flexibility...

The Model 600 Series provides load angle flexibility as gradual as 6.5 degrees to quickly load difficult equipment. Asphalt paving machines and over the road transit buses may be loaded without the aid of blocks or ramps. The maximum 15 degree angle easily unloads containerized freight or heavily damaged vehicles.

Longer undercarriage travel (212") allows the lowest possible load angle. The combination of maximum undercarriage travel and large variation in tilt angles gives the operator the needed flexibility to get the job done.

Keeping your needs in mind, Landoll Corporation has introduced many unique features in the Model 600 Series. A specially designed hinged kingpin plate will allow you to achieve a maximum 15 degree angle and versatile tractor/trailer loading positions, including a 90 degree or jackknifed position. Landoll has also incorporated its patented rear axle pocket to safely secure the undercarriage in a positive locked position during transport. From front to rear, the Model 600 Series is unmatched when it comes to exceeding your needs.

- The 6.5 Degree Load Angle creates a gradual plane to easily load the lower and upper decks without the use of ramps.
- The 15 Degree Maximum Angle allows for flexibility in controlling the weight distribution while moving the under carriage to transport position.
- Stake Pockets, Double and Single Key Hole Chain Slots are conveniently located on the outer beams, approach plate and front of main deck to safely secure any load.
- Flexible E-Chain encasement protects all wiring harnesses, hydraulic and air hoses to provide years of troublefree service.



# Low Angle and High Performance



## Versatility also means Efficiency

The 660B not only supplies the lowest load angle, it allows you to load the upper deck without ramps. When the lower deck is placed into the load position the deck raises to meet the upper and creates a natural transition from the lower to the upper deck.

Utilize the full length of your trailer's deck space. That's efficiency... Don't accept less.

The 660B and 610B is also designed to accept aftermarket options. Order field install options like bulkheads, hydraulic winches, cable roller guides, remote controls, dock level hydraulics and just bolt them on. The routing holes and mounting brackets are manufactured into the frame at the factory, providing a professional way to expand your trailer.

That's versatility for a life time.

- The Centralized Control Panel has simplified the operation of traveling axle trailers. The controls are luminated for operator's safety during night time operation.
- Hydraulic Dock Levelers may be independently operated on uneven ground to load and unload payloads from dock heights.
- Optional Steel Pullouts to 12'6" width.
- Optional Swingout extensions to
- Extensions are full length of lower deck.

- Hub Pilot Wheels and Outboard Brake Drums require less downtime and lower maintenance costs.
- Landoll's certified bumper under-ride protection.
- Bolt on Bumper/C-Spring easily replaced if damaged.
- The Rigid Flat Approach Plate is fully supported by the four main beams of the trailer. It allows the entire trailer bed to become one single, even plane for safe loading from the ground or at dock height.



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



**Construction**

**Rental**

**Towing and Recovery**

**Riggers**

**Forklifts**

**Contract Haulers**



**Standard & Optional Equipment/Features**  
**Model 660B & 610B Hydraulic Traveling Axle**

MODEL 610B	50 Ton	100,000#
MODEL 660B	35 Ton	70,000#
<b>MAIN FRAME</b>		
- Fabricated 100,000 PSI and 80,000 PSI Yield Four Beam Design	S	S
<b>PIN SETTING</b> - 21 Inches	S	S
<b>CROSSMEMBERS</b>		
- 4" Junior I-Beam on 8" Centers	O	S
- 3 1/2x3 1/2 Tube Alternating with 4" Junior I-Beam on 16" Centers	S	
<b>WINCH &amp; ACCESSORIES</b> (Upper Deck Only)		
- 12,000 Lb w/85' 1/2" Cable	S	S
- 20,000 Lb in Lieu of 12,000 Lb w/85' of 5/8" Cable	O	O
- 30,000 Lb Planetary Winch w/ 85' of 3/4" cable	O	O
- Pivoting Cable Roller Guide for Winch	O	O
- Cable Roller Guide For Winch	O	O
- Air Tension/Air Operated Winch Free Wheel (Available w/ Pivoting Cable Roller Guide Only on 20,000 Lb Winch)	O	O
- Dual Slope Rollers	S	S
- D-Ring at Winch	O	O
<b>DECK &amp; ACCESSORIES</b>		
- 1 3/8" Apitong Wood Deck	S	S
- 1/8" Steel Tread Plate	O	O
- 96" Width - Not Available		
- 102" Width	S	S
- Forklift Package (Additional Crossmembers/Capacity)	O	O
- Deck Strap 1-1/4 x 9 (For Track Area)	O	O
- Rub/Chain Rail	O	O
- Diamond Plate Steel Deck Over 1 3/8" Apitong Wood	O	O
- 24" Pull-out Side Extension / 12" Outrigger Swing Out	O	O
- Flat Approach Plate w/Four Key Hole Tie Downs	S	S
<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 (Ea)	O	O
- Extra Flush Mounted D Rings (Ea)	O	O
<b>TOOL BOX/STORAGE AREA</b>		
- Twin Upper Deck Mounted w/ Lockable Door 6.5" H x 17" W x 29" D	S	S
- Web Mounted Tool Box , Lower Deck	O	O
<b>PARKING STANDS</b>		
- Pin Drop	O	O
- 2 Speed Landing Gear-N/A with Slope Mounted Eng. Pkg.	S	S
<b>AXLES</b>		
- 3 - 25,000 Lb Tridem Dual Tire, Oil Bath Bearings		S
- 2 - 25,000 Lb Tandem Dual Tire, Oil Bath Bearings	S	
- Air Weigh Digital Scale System	O	O
<b>SUSPENSION</b>		
- Neway RLU 228 Air Ride, 22,500 Lb. Capacity	S	S
- Spring Suspension - Not Available		
- Centralized Grease System	S	S
<b>BRAKES</b>		
- 4S/2M ABS	S	S
- Automatic Slack Adjusters	S	S
- 7.5 x 12.25 Full Air	S	S
- Out Board Brake Drums	S	S
- Spring Brakes on 2 Axles	S	S
<b>OIL SEAL HUBS</b> - Internal Mated Assembly		
	S	S

S=Standard O=Optional Blank=N/A

MODEL 610B	50 Ton	100,000#
MODEL 660B	35 Ton	70,000#
<b>HYDRAULIC POWER SOURCE</b>		
- 27 H.P. Engine Package, Slope, Gas-Std.	O	O
- 27 H.P. Engine Package, Gas-Std. UPR DK	O	O
<b>BULKHEADS</b>		
- Bulkhead 48" (Mesh) w/Steel Wings 102" Wide	O	O
- Aluminum Bulkhead Wings in Lieu of Steel	O	O
- Bolt-on Binder Storage Rack for 48" Bulkheads	O	O
- Halogen Work Light-Dual (Mounted on Bulkhead)	O	O
<b>CYLINDERS</b>		
- 2- 6x30 Tilt / 1- 6x4x212 Undercarriage Load Angle: 6.5 Degree	S	S
<b>DOCK LEVELER</b> (N/A with low pro tires)		
- 1 Pair 62,000# Capacity	O	O
- 2 Pair 62,000# Capacity		O
<b>HITCH</b> - 21" Fifth Wheel King Pin/ Swing Clearance		
	S	S
<b>HYDRAULIC POWER SOURCE</b>		
- Air Shift PTO&Wet Kit for Tractor (Not Installed) w/30gal. Reservoir	O	O
- Installation of PTO & Wet Kit (Wire Control)	O	O
<b>WHEEL ACCESSORIES</b>		
- Stainless Steel Wheel Cover - 6.75x 17/5	O	O
- Hubometer (not Available w/Stainless Stee; Wheel Covers)	O	O
<b>REMOTE CONTROL - WIRELESS</b>		
- Wireless Remote Control - Six Function	O	O
<b>SLOPE DROP</b> - 90 Degree		
	S	S
<b>TIRES</b>		
- 10R 17.5 Double Coin		S
- 235/75R 17.5 Bridgestone Load Range H Radial (Not Recommended with Dock Levelers)	O	O
- 215/75R 17.5 (Not available with Dock Levelers)	O	O
- 255/70R 22.5 Goodyear Load Range H	O	O
<b>RIMS</b>		
- 6.75 x 17.5 Tubeless 8 Hole Hub Pilot Disc Type	S	S
- 7.50 x 22.5 Tubeless 10 Hole Hub Pilot Disc Type	O	O
<b>HYDRAULIC HOOK UP</b> - Quick Couplers/2500 PSI-17GPM		
	S	S
<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 White, Black, Yellow, Blue, Red, Green	S	S
<b>WEIGHT</b>		
- 48' - 16,550# (est.)	S	
- 53' - 21,700# (est.)		S
<b>SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. PICTURES MAY SHOW OPTIONAL EQUIPMENT.</b>		

S=Standard O=Optional Blank=N/A