

TRAIL KING HYDRAULIC SLIDING AXLE



**RUGGED, DEPENDABLE,
NOW THE FASTEST IN THE INDUSTRY**

STANDARD FEATURES



Winch
Even disabled equipment can be loaded with ease with the standard 20,000-lb. winch and 9/16" cable, which comes standard with winch guard and 80' cable with locking safety hook.



Hydraulic Valve Controls
Dual-side push/pull hydraulic controls and Kar-Tech remote are standard (winch only). Optional full function remote (shown) offers 2-speed operation. Slow-speed function decreases speed by 50% to allow for better maneuverability of tricky equipment.



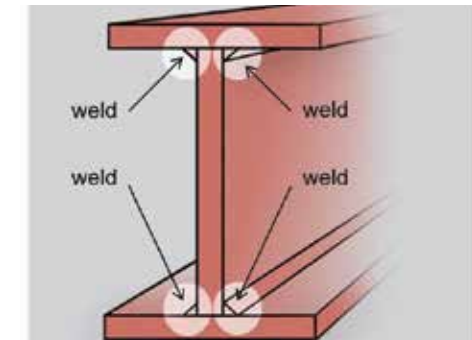
Winch Roller & Skid Plate
A recessed roller at the front of the main deck and a skid plate on the slope of the upper deck are standard. They protect both the winch cable and the deck of the trailer from damage during loading and unloading. A second roller in lieu of the skid plate is optional.



Slide Pan
Updated, larger slide pan cylinder increases hydraulic flow, which increases speed. Open slide pan design for reduced debris holding areas.



Tie Downs
Two-way tie downs (with optional stake pockets below) on all main beams and 4-way slots in the 3/8" high-strength smooth steel approach plate provide almost limitless tie down options. Also note how the deck is double-screwed to all cross members to prevent cupping.



One-Piece Construction
I-beams are constructed of one-piece web and flange material and welded on all 4 sides to seal and protect the seams from rust. The entire trailer is primed and painted before decking and air, hydraulic and electrical lines are installed, for complete protection.



Front Access Panel
Standard front access panel offers easy access for connecting hydraulic, air and electrical lines. The panel may also be opened for internal maintenance or repair simply by removing four bolts.



Lighted Tool Box
Two side-access toolboxes at the front of the upper deck with chrome T-handles and lights are standard. (Top access with gas shock is optional.)



Perimeter Frame Design
The perimeter frame delivers maximum strength and stability during loading and unloading. The design also includes an undercarriage to protect air lines when the trailer is in the transport position.



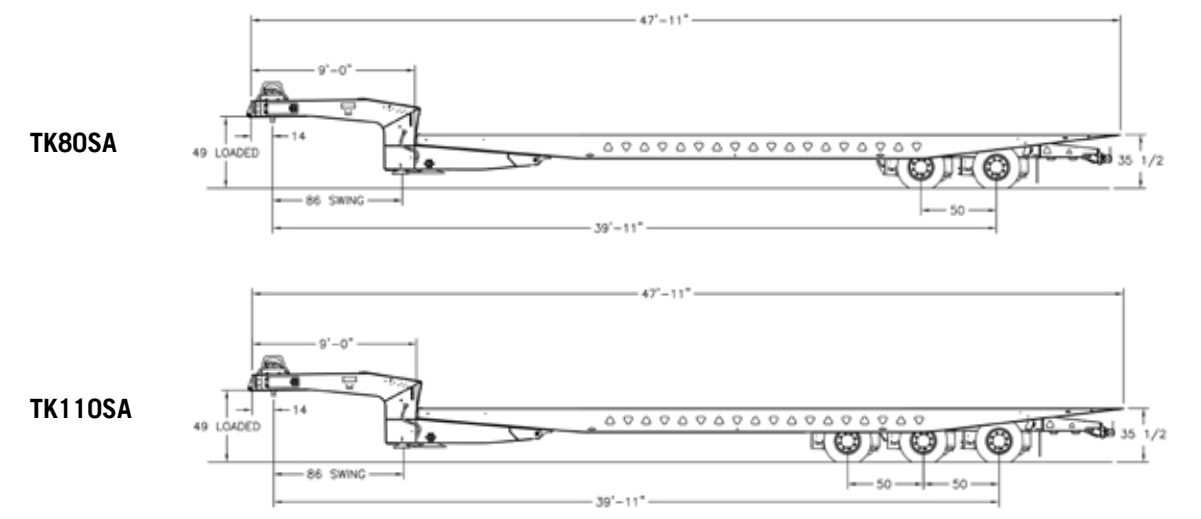
Side-By-Side 2-Stage Cylinders
Because the powerful side-by-side 2-stage cylinders are in the closed position during transport, the cylinder piston rods are protected from road grime and debris.



Grease Bank
Easy access grease points in the rear of the slide pan, as well as along the sides of the trailer, make greasing the entire trailer, including axle components and cylinder pivots, a simple, convenient process.



Galvanized Bumper Assembly
Corrosion-resistant bumper provides under-ride protection in transport position. Bumper travels with wheel area as it is positioned to allow the deck to be lowered to a 6.6 degree loading position.



TKSA SPECIFICATIONS	TK80SA	TK110SA
Capacity	80K lbs uniform 50K lbs in 10 ft.	110K lbs uniform 70K lbs in 10 ft.
3" I-beam cross members	12" on center (8" optional)	8" on center
25,000 lb. axles (5/8" wall)	2 or 3	3

TKSA STANDARD EQUIPMENT On All Models:

- Perimeter frame gooseneck design
- 102" wide
- 36" loaded deck height with 17.5 tires
- 39" loaded deck height with 22.5 tires
- 49" loaded 5th wheel height
- 9' upper deck
- 14" kingpin setting with 86" swing clearance
- Hydraulic sliding axles
- Tilting main deck - forms a ramp to upper deck
- 6.6 degree loading angle, 15 degree dump angle
- Air ride suspension
- Air ride raising/lowering control panel w/ liquid filled air gauge on upper deck
- No traveling hydraulic lines for sliding axle operation
- Side by side 2-stage cylinder, closed in travel position
- Updated high-speed hydraulic system
- Greaseless composite bushing for rollers in the slide pan
- Air and electrical lines contained in protective track
- Single recessed winch roller at front of deck
- Skid plate on slope of upper deck
- 4S2M anti-lock brake system
- Dual push/pull style hydraulic valve controls with Kar-Tech remote (winch only)
- 3rd taillight package (optional strobe in lieu of 3rd taillight)
- Central located lube system for axles
- 4 beam main frame construction
- Triangle cutouts
- 50" axle spacing
- Automatic slack adjusters
- One-piece oil seals
- Zip Tork axle nuts
- 80' winch cable with locking safety hook
- Key hole slots on 24" centers in inner and outer beams
- 3/8" high-strength smooth approach plate
- 4-way slots on approach plate
- 2 side access tool boxes at front of upper deck
- Dual side electric controls (work lights/toolbox lights)
- LED lights, 50 state legal
- Electrical system per DOT regulations
- Mid-turn signal clearance lights
- Rubber mounted sealed lights with sealed harness system
- Mud flaps
- Red & white conspicuity markings
- Paint- 2-part epoxy primer and polyurethane

* To meet 1997 Federal Requirements, Trail King offers two variations of the anti-lock braking system. The minimum 2S1M system is available, but Trail King recommends the 4S2M system.