



TRAILER AXLE SOLUTIONS

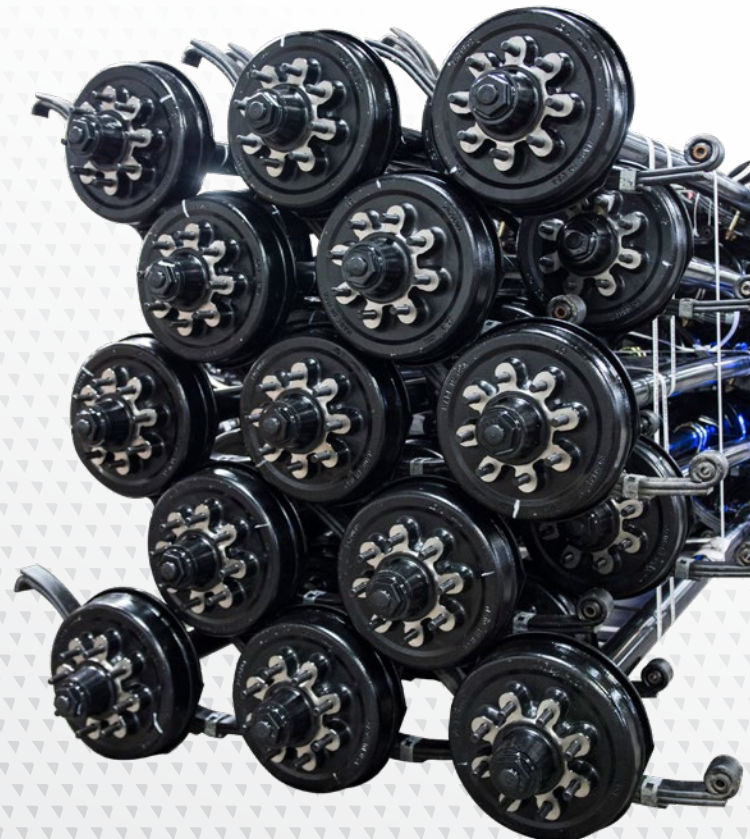
BETTER STANDARD FEATURES & OPTIONS



REDEFINING "STANDARD" ON TODAY'S TRAILER AXLE

What's standard on your current trailer axle? Compared to Lippert's axles, the answer may surprise you. With more than 500,000 square feet of total manufacturing space from coast to coast, Lippert can meet any challenges in the RV, marine, horse and utility trailer markets. Our robotic welders ensure the highest precision on our spindles, spring seats, torsion arms and torsion brackets. Our axle assemblies and components are traceable down to the exact production run and original lot number, giving us optimum product visibility, and serviceability.

Whenever, wherever, we
make your experience better.



Spring Axles



Additional Features

- 2K – 16K spring axle capacities
- 2K – 8K spring idler axles
- CSA certification on all 2K – 7K axles
- Integrated, one-piece spindle flange
- Complete axle assembly and component traceability and serialization
- Single, tandem or triple axle assemblies with standard or upgraded equalized suspension available
- Straight or drop spindles
- Slipper or double eye leaf spring suspension
- Rust-prohibitive powder-coated axle tubing
- Waterproof connections on all electrical wiring
- Electric, hydraulic, hydraulic free-backing and hydraulic disc brakes available
- Forward self-adjusting brakes available on 3.5K – 16K
- Super lube hubs and bearing lubrication option (standard on 8K spring axle)
- Oil bath option 7K – 16K
- Valcrum Premium Oil Caps Standard on 8K – 16K spring axles
- Lippert offers from 10k up to 16K the Hutch Heavy Duty Suspension System in a single, tandem, or triple application

Torsion Axles



Additional Features

- 2K – 12K torsion axle capacities (square bracket orientation)
- 2K – 7K torsion axle capacities (diamond bracket orientation)
- 2K – 8K torsion idler axles
- Rubberized torsion beam for a quiet, smooth ride
- Requires less maintenance than spring axles
- Rubber cords absorb road shock and vibrations
- Square and diamond orientation available
- Various starting angles to control trailer height
- Independent wheel suspension
- CSA certification on all 2K – 7K axles
- Complete axle assembly and component traceability and serialization on all axles
- Single and tandem axle assemblies
- Rust-prohibitive powder-coated axle tubing
- Waterproof connections on all electrical wiring
- Electric, hydraulic, hydraulic free-backing and hydraulic disc brakes available
- Forward self-adjusting brakes available on 3.5K – 12K
- Super lube lubrication system optional on 2K thru 8K
- Oil Bath Option on 7K to 12K
- Valcrum Premium Oil Caps Standard on 8K – 12K torsion axles

Features	Benefits	Standard/Option
Powder-coated tube assemblies	Prevents rust & corrosion	Standard
Zinc-plated hardware for rust prevention	Additional rust & corrosion prevention	Standard
Waterproof connectors on all brake wiring	Ensures long term electrical performance, protects from inclement weather, and helps prevent corrosion	Standard
CSA certification on all electric brakes on 2K – 7K axles	All Lippert 2k – 7k brake axles are CSA tested and approved	Standard
Integrated spindle flange on 3.5K – 16k straight axles	One-piece machining ensures consistent material for increased spindle and flange strength and improved brake alignment	Standard
Weld quality verified using UT (Ultrasound Technology)	Ensures proper weld location, penetration, and quality	Standard
DC electric nut runner with recordable torque readings	Consistent and accurate U-bolt torque, with documented readings for component traceability.	Standard
Automated and Robotic Spindle Welding	Improved weld quality and consistency with hard-fixtured tooling to ensure tow and camber alignment accuracy and reduced tire wear	Standard
100% brake adjustment during assembly	Ensures that Lippert brakes have correct adjustment and maximum effectiveness the very first time they are activated	Standard
100% Brake Continuity Checks	Ensures all wiring and magnets are connected, live, and working	Standard
Standard Forward Self-Adjust Brakes 8k and over, option 7k and under	Improved brake performance and consistency	Standard/Option
E-Coat Primer coating	Tripled corrosion resistance life	Option
Automated grease pack line	Ensures bearing and cup compatibility and seal fit, delivers repeatable and reliable amount of grease every time	Standard
Valcrum Premium Oil Cap standard on 8K – 16K spring and 8K – 12K torsion axles	Aluminum alloy upgraded oil bath caps that aren't subject to cracking like plastic oil caps	Standard