Lift Axle Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY (lbs.)</th>
<th>APPLICATION WEIGHT (lbs.)</th>
<th>RIDE HEIGHTS (inches)</th>
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</thead>
<tbody>
<tr>
<td>COMPOSILITE FBC</td>
<td>up to 10,000</td>
<td>600</td>
<td>12.5 - 16.5</td>
</tr>
<tr>
<td>COMPOSILITE ST</td>
<td>13,500</td>
<td>805</td>
<td>8.5 - 13.5</td>
</tr>
<tr>
<td>COMPOSILITE ROS</td>
<td>13,500</td>
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</tr>
<tr>
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<td>16,000 - 22,000</td>
<td>458</td>
<td>9.0 - 13.5</td>
</tr>
<tr>
<td>HLR KIT</td>
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<td>440</td>
<td>13.5 - 20.5</td>
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Value-added Options

Hendrickson offers a variety of value-added options to help increase productivity for the end user operating a lift axle.

- **Pre-welded** — Fixed axle suspensions can be pre-welded to your required frame width
- **Lock straight** — Locks suspension straight when vehicle is placed in reverse
- **Pre-plumbed** — Integrated air system reduces installation time through pre-located air tank, hoses and valves
- **New Options** — Dust covers and ABS ready brake systems are now available as additional value-added options

Air Control Systems

- Compact size reduces amount of space required in front of truck
- Fewer fittings reduce system leak potential
- Higher airflow delivers better response when air controls are activated

New Options — Dust covers and ABS ready brake systems are now available as additional value-added options

HLM-2 Specifications

- **Capacity:** up to 35,000 pounds
- **Weight:** 1,125 pounds
- **Travel:** 9.5 inches
- **Type:** Fixed axle steering
- **Packaging Space:** 26 inches

HLM-2 Features

- Wide range of ride heights available for both truck and trailer applications
- TRI-FUNCTION® bushings for optimal performance and reliability
- QUIK-ALIGN® for alignment ease

FBC Specifications

- **Capacity:** up to 10,000 pounds
- **Weight:** 699 pounds
- **Travel:** 13 inches
- **Type:** Steerable
- **Packaging Space:** 23.5 inches

FBC Features

- In-line air springs maximize packaging space and provide additional protection from road debris
- Zero-torsion bushings eliminate bushing windup and provide more consistent down force and reduced lift force resistance
- Available with six- or eight-stud hubs to accommodate 17.5 or 19.5 tires

For further information and application specifications, call 1-800-660-2829 in the United States or 1-800-688-3505 in Canada.

www.hendrickson-intl.com
**COMPOSILITE™ ST** — A lightweight, steerable suspension system utilizing adjustable frame width and ride height features to allow easier stocking of one suspension for multiple applications.

**COMPOSILITE™ FX** — The fixed axle model in the proven COMPOSILITE family, the FX features common components of the steerable COMPOSILITE ST systems.

**HLR Series Specifications**
- **Capacity:** Up to 13,000 pounds
- **Weight:** 830 pounds
- **Travel:** 10 inches
- **Lift:** 10 inches
- **Wheel Cut:** 31 degrees
- **Packaging Space:** 23.5 inches

**COMPOSILITE™ PST**
- **Capacity:** 20,000 pounds
- **Weight:** 1,005 pounds
- **Travel:** 13 inches
- **Lift:** 9 inches
- **Axle Type:** 5-inch round
- **Packaging Space:** 33.2 inches

**HLR Series Features**
- High-lift design provides significant ground clearance
- Axle location protects ride springs

**PARALIFT™ PST**
- **Capacity:** 20,000 pounds
- **Weight:** 1,005 pounds
- **Travel:** 13 inches
- **Lift:** 9 inches
- **Axle Type:** 5-inch round
- **Packaging Space:** 33.2 inches

**PARALIFT Specifications**
- **Capacity:** 20,000 pounds
- **Weight:** 1,005 pounds
- **Travel:** 13 inches
- **Lift:** 9 inches
- **Wheel Cut:** 31 degrees
- **Packaging Space:** 33.2 inches

**PARALIFT Features**
- Parabooms design provides longer life and easier serviceability
- Simple design and fewer parts translate to easy installation and maintenance
- Adjustable frame width and ride height allow for easier stocking of one suspension to meet all needs
- Single lift bag design provides greater maneuverability and improved performance
- Zero-friction bushings help eliminate bushing resistance and provide more consistent down force with reduced lift force resistance
- Available in 4-point form with no axle

**Parallelogram Design**
- Parallelogram design provides longer life and ease of serviceability
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- Adjustable frame width and ride height allow for easier stocking of one suspension to meet all needs
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**ST Specifications**
- **Capacity:** 13,500 pounds
- **Weight:** 865 pounds
- **Travel:** 13 inches
- **Lift:** 9 inches
- **Wheel Cut:** 31 degrees
- **Packaging Space:** 23.5 inches

**ST Ride Height**
- Accommodates a 4-inch ride height range

**ST Features**
- Parallelogram design provides longer life and ease of serviceability
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**COMPOSILITE™ RO** — now available for Class 8 roll-off vehicles. Both steer and non-steer.
Hendrickson lift axles — providing the additional hauling capacity to tackle the job

COMPOSILITE™ ST — A lightweight, steerable suspension system utilizing adjustable frame width and ride height features to allow easier stocking of one suspension for multiple applications.

COMPOSILITE™ FX — The fixed axle model in the proven COMPOSILITE family, the FX features common components of the steerable COMPOSILITE ST systems.

PARALIFT™ PST

**Specifications**
- **Capacity:** 20,000 pounds
- **Weight:** 1,375 pounds
- **Travel:** 12 inches
- **Lift:** 9 inches
- **Wheel Cut:** 25 degrees
- **Packaging Space:** 28 inches

**Features**
- Paralift design provides longer tie rod and spring life
- Simple design and fewer parts translate to easy installation and maintenance
- Adjustable frame width and ride height allow easy stocking of one suspension to meet all needs
- Single lift bag design provides greater maneuverability and improved performance
- Zero-frame bushings help eliminate bushing wear and provide more consistent down force with reduced lift force resistance
- Available in left hand with no case

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- **Packaging Space:** 23.2 inches

**HLR Series Features**
- High lift design provides significant ground clearance
- Axle location protects ride springs

FX Specifications
- **Capacity:** 13,500 pounds
- **Weight:** 830 pounds
- **Travel:** 13 inches
- **Lift:** 10 inches
- **Packaging Space:** 23.5 inches

**FX Specifications**
- **In-line Air Springs**
  - Increase durability and allow for a smaller package space

**HLR Series Specifications**

- **Vertical Air Springs**
  - Provide greater maneuverability and improved performance

**HLR Series Features**
- **In-line Air Springs**
  - Reduce suspension weight, while maintaining durability
- **Adjustable Frame Width Feature**
  - Allows stocking of one suspension to meet frame width requirements of 33.5 to 34.5 inches
- **In-line Air Springs**
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Lift Axle Specifications

**Lift Axles**

Full Line of Auxiliary Lift Axles

- Pre-welded — Fixed-axle suspensions can be pre-welded to your required frame width
- Lock Straight — Locks suspension straight when vehicle is placed in reverse
- Pre-plumbed — Integrated air system reduces installation time through pre-located air tank, hoses and valves
- New Options — Dust covers and ABS ready brake systems are now available as additional value-added options

Air Control Systems

- Compact size reduces amount of space required in support structures
- Fewer fittings reduce system leak potential
- Higher airflow delivers better response when air controls are activated
- Color-coded connections provide easy identification and reduce installation time
- Inside-the-cab, outside-the-cab and separated models available

Value-added Options

Hendrickson offers a variety of value-added options to help increase productivity for the end user operating a lift axle.

- Pre-welded — Fixed-axle suspensions can be pre-welded to your required frame width
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HLM-2 Specifications

- Capacity: up to 25,000 pounds
- Weight: 1,125 pounds
- Travel: 9.5 inches
- Lift: 6.5 inches
- Axle Type: 5-inch round
- Packaging Space: 26 inches

HLM-2 Features

- Wide range of ride heights available for both truck and trailer applications
- TRI-FUNCTION® bushings for optimal performance and reliability
- QUIK-ALIGN® for alignment ease

HLM-2™ Truck Mount

HLM-2™ Trailer Mount

FBC Specifications

- Capacity: up to 10,000 pounds
- Weight: 699 pounds
- Travel: 13 inches
- Lift: 10 inches
- Wheel Cut: 31 degrees
- Packaging Space: 23.5 inches

FBC Features

- In-line air springs maximize packaging space and provide additional protection from road debris
- Zero-torsion bushings eliminate bushing windup and provide more consistent down force and reduced lift force resistance
- Available with six- or eight-stud hubs for compatibility with 17.5 or 19.5 tires

HLM-2™ Truck Mount

HLM-2™ Trailer Mount

COMPOSILITE™ FBC

Winning reputation
Optimum performance
Reliability
Leading innovation
Durability

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www.hendrickson-intl.com


H638 Rev J 03-09

Auxiliary Axle Systems

277 North High Street
Hebron, OH 43025 USA
740.929.5600
Fax 740.929.5601

Auxiliary Axle Systems

250 Chrysler Drive, Unit #3
Brampton, ON L6S 6B6 Canada
905.789.1030
Fax 905.789.1033
Lift Axle Specifications

**Lift Axle Specifications**

- **Model**: COMPOSILITE FBC
- **Capacity**: up to 10,000 pounds
- **Weight**: 699 pounds
- **Travel**: 13 inches
- **Lift**: 10 inches
- **Wheel Cut**: 31 degrees
- **Packaging Space**: 23.5 inches

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- **Weight**: 1,125 pounds
- **Travel**: 9.5 inches
- **Lift**: 6.5 inches
- **Axle Type**: 5-inch round
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<th>Application Weight (lbs.)</th>
<th>Ride Heights (inches)</th>
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</thead>
<tbody>
<tr>
<td>COMPOSILITE FBC</td>
<td>up to 10,000</td>
<td>699</td>
<td>12.5 - 16.5</td>
</tr>
<tr>
<td>COMPOSILITE ST</td>
<td>13,500</td>
<td>860</td>
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</tr>
<tr>
<td>COMPOSILITE ROS</td>
<td>13,500</td>
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<tr>
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<td>COMPOSILITE FBD</td>
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<tr>
<td>FBD-2</td>
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<td>HLM-2</td>
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<td>HLM-2</td>
<td>13,000</td>
<td>1,065</td>
<td>9.5 - 15.0</td>
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<tr>
<td>HLM-2 KIT</td>
<td>16,000 - 22,000</td>
<td>458</td>
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</tr>
<tr>
<td>HLR-2</td>
<td>14,000</td>
<td>496</td>
<td>13.5 - 20.5</td>
</tr>
</tbody>
</table>
Lift Axle Specifications

**Model** | **Capacity (lbs.)** | **Application Weight (lbs.)** | **Ride Heights (inches)**
--- | --- | --- | ---
COMPOSITE FBC | up to 10,000 | 600 | 12.5 - 16.5
COMPOSITE ST | 13,000 | 840 | 8.5 - 13.5
COMPOSITE ROS | 13,000 | 800 | 8.5 - 13.5
COMPOSITE FX | 13,000 | 800 | 8.5 - 13.5
FBC-2 | 16,000 - 20,000 | 1,100 | 9.0 - 13.5
FBC-2 KIT | 16,000 - 22,000 | 458 | 9.0 - 13.5
HLR | 13,000 | 1,046 | 9.0 - 13.5
HLR KIT | 14,000 | 400 | 13.5 - 20.5

**Value-added Options**

Hendrickson offers a variety of value-added options to help increase productivity for the end user operating a lift axle.

- **Pre-welded** — Fixed-axle suspensions can be pre-welded to your required frame width
- **Lock Straight** — Locks suspension straight when vehicle is placed in reverse
- **Pre-plumbed** — Integrated air system reduces installation time through pre-located air tank, hoses and valves
- **New Options** — Dust covers and ABS ready brake systems are now available as additional value-added options

**Air Control Systems**

- Compact size reduces amount of space required to mount controls
- Fewer fittings reduce system leak potential
- Higher airflow delivers better response when air controls are activated
- Color-coded connections provide easy identification and reduce installation time
- Inside-the-cab, outside-the-cab and separated models available

For further information and application specifications, call 1-800-660-2829 in the United States or 1-800-668-5360 in Canada.

HLM-2 Specifications

**Capacity:** up to 35,000 pounds

**Weight:** 1,125 pounds

**Travel:** 9.5 inches

**Lift:** 13.5 inches

**Axle Type:** Fixed-axle round

**Packaging Space:** 26 inches

**HLM-2 Features**

- Wide range of ride heights available for both truck and trailer applications
- TRIFUNCTIONAL® bushings for optimal performance and reliability
- QUIK-ALIGN® for alignment ease

FBC Specifications

**Capacity:** up to 10,000 pounds

**Weight:** 699 pounds

**Travel:** 13 inches

**Lift:** 10 inches

**Wheel Cut:** 31 degrees

**Packaging Space:** 23.5 inches

**FBC Features**

- In-line air springs maximize packaging space and provide additional protection from road debris
- Zero-torsion bushings eliminate bushing windup and provide more consistent down force and reduced lift force resistance
- Available with six- or eight-stud hubs to accommodate 17.5 or 19.5 tires

For further information and application specifications, contact 1-800-660-2829 in the United States or 1-800-668-5360 in Canada.
Hendrickson lift axles — providing the additional hauling capacity to tackle the job

COMPOSILITE™ ST — A lightweight, steerable suspension system utilizing adjustable frame width and ride height features to allow easier stocking of one suspension for multiple applications.

COMPOSILITE™ FX — The fixed axle model in the proven COMPOSILITE family, the FX features common components of the steerable COMPOSILITE ST systems.

HLR Series Specifications
Capacity: Up to 13,000 pounds
Weight: 1,005 pounds
Travel: 13 inches
Lift: 9 inches
Axle Type: 5-inch round
Packaging Space: 23.5 inches

HLR Series Features
• High-lift design provides significant ground clearance
• Axle location protects ride springs

HLR-2™

PARALIFT™ PST

PARALIFT Specifications
Capacity: 20,000 pounds
Weight: 1,379 pounds
Travel: 12 inches
Lift: 8 inches
Wheel Cut: 25 degrees
Packaging Space: 40 inches

PARALIFT Features
• Paralifts design provides longer tire and coil spring life
• Simple design and fewer parts translate to easy installation and maintenance
• Adjustable frame width and ride height allow stocking of one suspension for many applications
• Single lift bag design provides greater maneuverability and improved performance
• Zero-torsion bushings help eliminate bushing windup and provide more consistent down force with reduced lift force resistance

PARALIFT™ FX

In-line Air Springs
• Increase durability and allow for a smaller package space

Adjustable Frame Width Feature
• Allows stocking of one suspension to meet frame width requirements of 33.5 to 34.5 inches

Adjustable Ride Height
• Accommodates a 4-inch ride height range

31-degree Wheel Cut
• Provides greater maneuverability and improved performance

Draw Key Kingpin Design
• Increases maneuverability and steering

ST Specifications
Capacity: 13,500 pounds
Weight: 865 pounds
Travel: 13 inches
Lift: 10 inches
Wheel Cut: 31 degrees
Packaging Space: 23.5 inches

ST Ride Height

COMPOSILITE™ RO — Now available for Class 8 roll-off vehicles. Both steer and non-steer.

FX Specifications
Capacity: 13,500 pounds
Weight: 830 pounds
Travel: 13 inches
Lift: 10 inches
Packaging Space: 23.5 inches

FX Features
• Parallelogram design provides longer tire and coil spring life
• Simple design and fewer parts translate to easy installation and maintenance
• Adjustable frame width and ride height allow stocking of one suspension to meet all needs
• Single lift bag design provides greater maneuverability and improved performance
• Zero-torsion bushings help eliminate bushing windup and provide more consistent down force with reduced lift force resistance

COMPOSILITE™ RO — Available in weld-on and bolt-on configurations
COMPOSILITE™ ST — A lightweight, steerable suspension system utilizing adjustable frame width and ride height features to allow easier stocking of one suspension for multiple applications.

COMPOSILITE™ FX — The fixed axle model in the proven COMPOSILITE family, the FX features common components of the steerable COMPOSILITE ST systems.

HLR Series Specifications
- Capacity: Up to 13,000 pounds
- Weight: 1,005 pounds
- Travel: 13 inches
- Lift: 9 inches
- Axle Type: 5-inch round
- Packaging Space: 33.2 inches

HLR Series Features
- High-lift design provides significant ground clearance
- Axle location protects ride springs

PARALIFT™ PST
- Parallelogram design provides longer tire and air spring life
- Simple design and fewer parts translate to easy installation and maintenance
- Adjustable frame width and ride height eliminate the risk of possible driveline interference
- Available in both weld-on and bolt-on truck mount

COMPOSILITE™ RO — now available for Class 8 roll-off vehicles. Both steer and non-steer.