- Winning reputation
- Optimum performance
- Reliability
- Leading innovation
- Durability

To learn more about COMPOSILITE SC, call 800.660.2829 or visit www.hendrickson-intl.com
Hendrickson introduces the COMPOSILITE® SC family of lift axles for steerable applications. The “Steerable Compliant” series of lift axles delivers all the advantages haulers have come to expect with Hendrickson products: reliability, cost-effectiveness and innovation. The COMPOSILITE family offers a full range of capacities from 8,000 to 20,000 pounds.

The SCT13K, our most popular capacity offering, is rated at 13,500 pounds and now offers a reduced system weight up to 69 pounds per axle and a minimized package space of 22.1 inches. Hendrickson has taken tie rod technology one step further with its patented CTR Compliant Tie Rod and damping system. This technology was designed to help lower maintenance costs and increase uptime by providing a resilient, impact resistant tie rod assembly.

* This product is covered by at least one or more U.S. and/or foreign patents and/or pending U.S. and/or foreign patent applications. See Hendrickson for details.
SCT08 / 10K

- Optimized package design
- Fabricated knuckle with 325 × 100 mm metric brake:
  - 325 × 100 mm metric brake for:
    - 08K: 6-hole H&D’s for 17.5-inch wheel
    - 10K: 8-hole H&D’s for 19.5-inch wheel

SCT20K

- Optimized package design
- Integrated knuckle and brake system
- 16.5 × 6 brake for super-single or flotation tires – for use on approved rims

Value added feature for SCT
Our HD-CTR Heavy Duty Compliant Tie Rod is now an available option for more severe steerable applications.
SCO Roll-Off Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>SCO13K</th>
<th>SCO20K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>Up to 13,500 lbs</td>
<td>Up to 20,000 lbs</td>
</tr>
<tr>
<td>Weight</td>
<td>851 lbs</td>
<td>1,393 lbs</td>
</tr>
<tr>
<td>Travel</td>
<td>13 inches</td>
<td>12 inches</td>
</tr>
<tr>
<td>Lift</td>
<td>10 inches</td>
<td>9 inches</td>
</tr>
<tr>
<td>Wheel Cut</td>
<td>31 degrees</td>
<td>25 degrees</td>
</tr>
<tr>
<td>Packaging Space</td>
<td>22.1 inches</td>
<td>26.5 inches</td>
</tr>
</tbody>
</table>

SCO Features
- Scalloped hangers improve clearance around the cylinder
- Inboard-mounted ride springs provide additional clearance from the cylinder
- Air spring plate mounts inside the frame rail
- Adjustable frame width and ride height feature
- Integrated knuckle
- CTR Compliant Tie Rod

SRCT13K Specifications
- Capacity: Up to 13,500 pounds
- Weight: 1,029 pounds
- Travel: 13.5 inches
- Lift: 7 inches
- Wheel Cut: 27 degrees
- Packaging Space: 28.4 inches

SRCT / SCH Features
- Fabricated knuckle with integrated brake

SCH10K Specifications
- Capacity: Up to 10,000 pounds
- Weight: 1,133 pounds
- Travel: Up to 24 inches
- Lift: Up to 20 inches
- Wheel Cut: 27 degrees
- Packaging Space: 54 inches
**SC Product Family** Features and Benefits

**Feature**
- **Adjustable Frame Width**
  - Zero spacers = 33.5-inch frame width
  - One spacer per side = 34.0-inch frame width
  - Two spacers per side = 34.5-inch frame width
  - Design allows for adjustment with no disassembly

**Benefit**
- Allows stocking of one part number for multiple applications and easier installation

**Feature**
- **Adjustable Ride Height**
  - Suspension travel combined with adjustable spacers allows for a ride height range of four inches
  - Spacer tubing slotted to fit properly into place

**Benefit**
- Reduces overall weight of suspension and allows for Ackerman customization

**Feature**
- **Fabricated knuckle and integrated brake**

**Benefit**
- Reduces overall weight of suspension and allows for Ackerman customization

**Feature**
- **SCT08 / 10K, SCT13K and SCO13K offer a 31-degree wheel cut**

**Benefit**
- Helps prevent tire scrub

**Feature**
- **SCT08 / 10K and SCT13K truck mounts provide a 22.1-inch package space from spindle centerline to front face of hanger**

**Benefit**
- Hanger design — Suspensions fit flat to the frame to allow for maximum clearance

**Feature**
- **Draw key kingpin design**

**Benefit**
- Easier to service

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<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAXIMUM CAPACITY (lbs.)</th>
<th>APPLICATION WEIGHT (lbs.)</th>
<th>RIDE HEIGHTS (inches +/- 1”)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Truck</td>
<td>Trailer (SCW)</td>
<td></td>
</tr>
<tr>
<td>SCT08K</td>
<td>8,000</td>
<td>735</td>
<td>778</td>
</tr>
<tr>
<td>SCT10K</td>
<td>10,000</td>
<td>735</td>
<td>780</td>
</tr>
<tr>
<td>SCT13K</td>
<td>13,500</td>
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<td>865</td>
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<tr>
<td>SCT20K</td>
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<td>1,402</td>
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<tr>
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<tr>
<td>SCO20K</td>
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</tr>
<tr>
<td>SRCT13K</td>
<td>13,500</td>
<td>1,029</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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Composilite® Steerable Lift Axle Specifications

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

- **Pre-Plumbed System** — Integrated air system reduces installation time through pre-located air tank, hoses and valves

- **Trailer Mount Products** — All SCT models available in weld-on and bolt-on versions for trailer applications

- **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 and outside-the-cab models available

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**V-Rod**
- Attaches to lower beam pivots and front cross member - providing increased lateral stiffness, especially when lift axles are used in tag position or rear location on the trailer

**Lock Straight**
- Locks suspension straight when vehicle is placed in reverse or axle is raised

**HD-CTR (Heavy-Duty Compliant Tie Rod)**
- Single point adjustment tie rod with threaded ends allows for toe adjustment with the turn of the round tube tie rod. Bushing tie rod ends allow for lubrication-free maintenance

**Air Disc Brakes** *(Drum brake shown above)*
- For applications with extremely demanding brake usage - provide consistent performance during extended braking application cycles such as long descending grades

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**Pre-Plumbed System**

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Call Hendrickson at 800.660.2829 or 800.668.5360 in Canada for additional information.