- Winning reputation
- Optimum performance
- Rugged reliability
- Leading innovation
- Proven durability

To learn more about COMPOSILITE and TOUGHLIFT, call 800.660.2829 or visit www.hendrickson-intl.com
Hendrickson introduces COMPOSILITE® lift axles for roll-off vehicle applications. The popular COMPOSILITE family has grown and is now available in 13,500 to 20,000 pound capacities. The RO Series fits flat to the frame to give maximum clearance from cylinder beams, attachments and sliding components. Scalloped hangers aid in the clearance around roll-off cylinders.

The ride springs and parallelogram components are positioned inside of the frame rails. Beams are spaced inboard one-inch for additional clearance and unique air spring plates mount to the inside of the frame rail.

The RO models shown are adjustable and allow for most variable truck frame widths and ride heights.

**SCO20 Steerable**

- **Parallelogram Beams**
  - Spaced inboard one inch for extra cylinder clearance and to ensure lift plates remain parallel for longer air spring life

- **Air Spring Plate**
  - Mounts inside the frame rail

- **Inboard-Mounted Ride Springs**
  - Provide additional clearance from the cylinder

- **Inside Frame Air Spring Mount**
  - Improves cylinder clearance

- **HD-CTR (Heavy-Duty Compliant Tie Rod)**
  - Single point adjustment tie rod with threaded ends allow for toe adjustment with the turn of the round tube tie rod – Bushing tie rod ends allow for lubrication-free maintenance
  - Lubrication-free connection
  - 3-year limited warranty* package

**FX013 Fixed**

- **Parallelogram Beams**
  - Lightweight material while helping to ensure proper wheel tracking and to ensure lift plates remain parallel for longer air-spring life

- **In-Line Air Springs**
  - Maximize packaging space and help remove the risk of possible driveline interference

- **Hendrickson Integrated Brakes**
  - 15 × 4-inch brakes and components make maintenance quick and easy

- **Scalloped Hanger**
  - Improves cylinder clearance

- **Inside Frame Air Spring Mount**
  - Improves cylinder clearance

- **New Lightweight Axle**
  - Reduces suspension weight
  - Maintains durability
  - Utilizes the same axle for pusher and tag applications
**SCO13 Features and Benefits**

- Delivers passive steer Ackerman effectively controlling the relationship between inside wheel-turn angle and outside wheel-turn angle
- 31-degrees of inside wheel cut
- Eccentric adjustment simplifies the toe setting process
- Natural rubber tie rod ends, designed for reliable use on heavy trucks, eliminates greasing of assembly
- Self-centering achieved with the CTR eliminates service issues with coil-over damper
- Minimizes chances of buckled tie rods due to road strikes
- Uses new steering damper design to optimize road feel for lift axle use
- The CTR system comes with a 3-year limited warranty* package, fully backed by Hendrickson

**SCO13K Steerable Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>13,500 pounds</td>
</tr>
<tr>
<td>Weight:</td>
<td>851 pounds</td>
</tr>
<tr>
<td>Travel:</td>
<td>13 inches</td>
</tr>
<tr>
<td>Lift:</td>
<td>10 inches</td>
</tr>
<tr>
<td>Package Space:</td>
<td>22.1 inches</td>
</tr>
<tr>
<td>Wheel Cut:</td>
<td>31 degrees</td>
</tr>
</tbody>
</table>

**SCO20 Features and Benefits**

- 25-degrees of inside wheel cut (SCO20)
- Natural rubber tie rod ends, designed for reliable use on heavy trucks, eliminates greasing of assembly
- Equipped with a heavy-duty CTR with single point adjustment allowing for toe adjustment with the turn of the round tube tie rod
- Uses new steering damper design to optimize road feel for lift axle use

**SCO20K Steerable Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>20,000 pounds</td>
</tr>
<tr>
<td>Weight:</td>
<td>1,393 pounds</td>
</tr>
<tr>
<td>Travel:</td>
<td>12 inches</td>
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<tr>
<td>Lift:</td>
<td>9 inches</td>
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<tr>
<td>Package Space:</td>
<td>28 inches</td>
</tr>
<tr>
<td>Wheel Cut:</td>
<td>25 degrees</td>
</tr>
</tbody>
</table>

**FX013 Features and Benefits**

- Scalloped hanger
- Hendrickson lightweight fabricated axle
- Hendrickson integrated brakes
- Inboard mounted air springs
- Parallelogram beams

**FX013K Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>13,500 pounds</td>
</tr>
<tr>
<td>Weight:</td>
<td>933 pounds</td>
</tr>
<tr>
<td>Travel:</td>
<td>13 inches</td>
</tr>
<tr>
<td>Lift:</td>
<td>10 inches</td>
</tr>
<tr>
<td>Package Space:</td>
<td>23.5 inches</td>
</tr>
</tbody>
</table>

*Contact your local Hendrickson representative for complete warranty terms, conditions and limitations.*
Hendrickson introduces the TOUGHLIFT® FMO as a new addition to the roll-off application. This Roll-Off model is available at 25,000 pound capacity and offers everything our customers expect from the TOUGHLIFT FM (previously HLM) family of suspensions. Fitting as flat to the frame as possible — it provides maximum clearance from cylinder beams and other sliding components. Scalloped hangers also aid in the clearance around roll-off cylinders.

**TOUGHLIFT FMO 20/25K Features and Benefits**

**TRI-FUNCTIONAL® Bushings**  
- Absorb brake and acceleration forces

**QUIK-ALIGN® Axle Alignment Feature**  
- Simplifies the alignment process

**Inside Frame Air Spring Mount**  
- Improves cylinder clearance

**In-Line Air Springs**  
- Maximize packaging space and help avoid possible driveline interference

**TOUGHLIFT FMO 20/25K Specifications**

- **Capacity:** up to 25,000 pounds
- **Weight:** 1,220 pounds
- **Travel:** 9.5 inches
- **Lift:** 6.5 inches
- **Axle Type:** 5-inch round
- **Package Space:** 26 inches

**Hendrickson Genuine Parts** are the same quality components installed in Hendrickson original equipment suspensions — consisting of the same design, construction, performance and durability. There's only one way to maintain and protect your suspension's original performance. Ask for the name that is synonymous with the finest manufactured suspensions in the world.

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*Actual product performance may vary depending upon vehicle configuration, operation, service and other factors. All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.*