HEAVY-DUTY TRUCKS
Capabilities

www.axletech.com
AxleTech International is your reliable partner as a leading manufacturer of heavy-duty planetary axles with proven performance in the field. We supply a robust line of planetary steerable axles and rigid tandem axles that are specifically designed to perform on the most severe vocational duty cycles and provide uncompromised uptime that converts directly to end-user productivity. Our product line is available in a wide range of axle ratios, load capacities, suspension mountings, carrier offsets, and brakes to accommodate your precise vehicle installation requirements and performance characteristics.

**STEERABLE AXLES**

AxleTech provides a range of steerable axles with axle capacities of up to 37,000 lb (16.8 T) for heavy-duty vocational trucks. Our product line is designed to meet the trend of increased driveline torque, tire sizes, and loading requirements that provide an extra ruggedness for prolonged life.

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Capacity</th>
<th>Brakes</th>
<th>Minimum Wheel Size</th>
<th>Wheel Mounting</th>
<th>Track*</th>
<th>Final Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS25</td>
<td>Non-drive</td>
<td>25,600 / 11.6 T</td>
<td>S-cam</td>
<td>22.5 in</td>
<td>13.19 in / 335 mm</td>
<td>84.0 in (2,134 mm), 98.8 in (2,510 mm), 106 in (2,690 mm)</td>
<td>-</td>
</tr>
<tr>
<td>4000 Series</td>
<td>Drive, planetary</td>
<td>19,800 lb / 9 T</td>
<td>Wedge, s-cam, air disc</td>
<td>20 in</td>
<td>13.19 in / 335 mm</td>
<td>71.0 in (1,800 mm) to 92.0 in (2,340 mm)</td>
<td>4.80 – 8.73</td>
</tr>
<tr>
<td>5000 Series</td>
<td>Drive, planetary</td>
<td>28,700 lb / 13 T</td>
<td>Wedge, s-cam, air disc</td>
<td>20 in</td>
<td>13.19 in / 335 mm</td>
<td>71.0 in (1,800 mm) to 108 in (2,740 mm)</td>
<td>5.38 – 17.50</td>
</tr>
<tr>
<td>PSC/PSW826</td>
<td>Drive, planetary</td>
<td>37,000 lb / 16.8 T</td>
<td>S-cam</td>
<td>24 in</td>
<td>16.63 in / 422 mm</td>
<td>91.0 in (2,310 mm), 96.0 in (2,440 mm), or 114 in (2,900 mm)</td>
<td>10.45 – 30.35</td>
</tr>
</tbody>
</table>

*NOTE: All applications must be approved by AxleTech Engineering for capacity and dimensions. Other track dimensions may be available upon request.*
**TANDEM PLANETARY RIGID DRIVE AXLES**

AxeTech provides tandem axles with capacities of up to 180,000 lb (81.7 T) for heavy-duty vocational trucks. Our high quality planetary rigid tandem axles are engineered to provide superior performance in challenging environments and heavy load combinations.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Gross Combination Weight Rating (GCWR)</th>
<th>Brakes</th>
<th>Minimum Wheel Size</th>
<th>Wheel Mounting</th>
<th>Track*</th>
<th>Final Ratio</th>
<th>Popular Compatible Suspensions*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000 Series</td>
<td>35,300 lb / 16.0 T</td>
<td>110,000 lb / 50.0 T</td>
<td>Wedge, s-cam, air disc</td>
<td>20 in</td>
<td>13.19 in / 335 mm</td>
<td>71.0 in (1,800 mm) to 92.0 in (2,340 mm)</td>
<td>4.80 – 8.73</td>
<td>Hendrickson R/RS Series, Neway AD, or Chalmers 800 Series</td>
</tr>
<tr>
<td>5000 Series</td>
<td>60,000 lb / 27.2 T</td>
<td>170,000 lb / 77.1 T</td>
<td>Wedge, s-cam, air disc</td>
<td>20 in</td>
<td>13.19 in / 335 mm</td>
<td>71.0 in (1,800 m) to 108 in (2,740 mm)</td>
<td>5.38 – 17.50</td>
<td>Hendrickson R/RS Series, Neway AD, or Chalmers 800 Series</td>
</tr>
<tr>
<td>SPRC1736</td>
<td>85,000 lb / 38.6 T</td>
<td>500,000 lb / 227 T</td>
<td>S-cam</td>
<td>24 in</td>
<td>20.34 in / 517 mm</td>
<td>85.0 in (2,160 mm) or 90.0 in (2,290 mm)</td>
<td>7.35 – 21.35</td>
<td>Hendrickson R/RS Series, Chalmers 800 Series, or 6 rod</td>
</tr>
<tr>
<td>SPRC1927</td>
<td>110,000 lb / 50.0 T</td>
<td>600,000 lb / 272 T</td>
<td>S-cam</td>
<td>25 in</td>
<td>20.38 in / 518 mm</td>
<td>90.0 in (2,290 mm) or 100 in (2,540 mm)</td>
<td>9.59 – 19.07</td>
<td>Hendrickson R850/RS850, Hendrickson R1000/RS1000, Chalmers 800 Series, or 6 rod</td>
</tr>
<tr>
<td>SPRC1937</td>
<td>120,000 lb / 54.4 T</td>
<td>600,000 lb / 272 T</td>
<td>S-cam</td>
<td>25 in</td>
<td>20.38 in / 518 mm</td>
<td>90.0 in (2,290 mm) or 100 in (2,540 mm)</td>
<td>9.59 – 19.07</td>
<td>Hendrickson R/RS Series, Chalmers 800 Series, or 6 rod</td>
</tr>
<tr>
<td>SPRC2197</td>
<td>140,000 lb / 63.5 T</td>
<td>760,000 lb / 345 T</td>
<td>S-cam</td>
<td>25 in</td>
<td>20.38 in / 518 mm</td>
<td>90.0 in (2,290 mm) or 100 in (2,540 mm)</td>
<td>9.59 – 19.07</td>
<td>Hendrickson R/RS Series, Chalmers 800 Series, or 6 rod</td>
</tr>
<tr>
<td>SPRC4806</td>
<td>180,000 lb / 81.7 T</td>
<td>1,000,000 lb / 454 T</td>
<td>S-cam</td>
<td>25 in</td>
<td>19.50 in / 495 mm</td>
<td>106 in (2,690 mm) or 114 in (2,900 mm)</td>
<td>12.84 – 19.88</td>
<td>Hendrickson R/RS Series</td>
</tr>
</tbody>
</table>

*NOTE: All applications must be approved by AxleTech Engineering for capacity and dimensions. Other track dimensions may be available upon request. Popular suspensions are only for reference purposes, others may also be used.*
LOCATIONS

Manufacturing Facilities
Chicago, Illinois, U.S.A.
Oshkosh, Wisconsin, U.S.A.
Pune, India
São Paulo, Brazil
Saint-Étienne, France
Troy, Michigan, U.S.A.

Sales and Service Offices
Algiers, Algeria
Beijing, China
East Tamaki (Auckland), New Zealand
Johannesburg, South Africa
Manila, Philippines
Pune, India
São Paulo, Brazil
Seoul, South Korea
Singapore
Saint-Étienne, France
Sydney, Australia
Tokyo, Japan
Troy, Michigan, U.S.A.

CONTACT INFORMATION

AxleTech International
1400 Rochester Road
Troy, Michigan 48083 USA
+1 877-877-9717
+1 248-658-7200
Fax: +1 248-435-1990

AxleTech International SAS
4, Rue Jean Servant
B.P. 656
42042 Saint-Étienne Cedex 1
FRANCE
+33 4 77 52 88 00
Fax: +33 4 77 92 88 93

AxleTech do Brasil Sistemas Automotivos Ltda.
Av. Marechal Rondon, 840
Osasco SP
06093-010
BRASIL
+55 11 3653-1423
Fax: +55 11 3653-1424

AxleTech India Pvt. Ltd.
Block E, 2nd Floor, Plot 1&2
The Mira, Ishwar Nagar
Mathura Road
New Delhi – 110065
INDIA
+91 97 1719 4132

AxleTech Troy Distribution Center
1400 Rochester Road
Troy, Michigan 48083 USA
Distribution Center: +1 877-547-3907
Fax: +1 866-547-3987
Aftermarket technical support: +1 800-540-2794

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