Motor Grader Rear Axle

A huge range of rear axles, available from 7.8 to 20.5 tons machine operating weight. With wet brakes on the wheels or with wet brake inboard.

The new motor grader rear axle specifically designed with the complete tandem box will entirely cover the motor grader needs from 10 to 20.5 tons machine operating weight.

- Quick adaptation to the ground conditions
- Right weight distribution to meet the maximum tractive effort
- Excellent working performances in rough working condition or in fine levelling
- Reliable and good braking performances in heavy conditions as mining
- Easy access to the drive head without disassembling the axle from the machine
- Easy serviceability and less maintenance costs
- Planetary final reduction with 3 planets
- Cassette seals for heavy applications
- Reliable
- Strong in heavy conditions
- No maintenance costs
- Wet disk brakes inboard
- Planetary final reduction with 3 planets
- Patented special positioning of the piston brake

### Specifications

<table>
<thead>
<tr>
<th>Type of axles</th>
<th>Machine Operating Weight (tons)</th>
<th>Static Load (tons)</th>
<th>Axle Input Torque (daNm)</th>
<th>Peak Input Torque (daNm)</th>
<th>Braking Torque @65bar (daNm)</th>
<th>Flange to flange (mm)</th>
<th>Rim Cent. Diam. (mm)</th>
<th>Pilot Diam. (mm)</th>
<th>Quantity &amp; Dimension (mm)</th>
<th>Total Ratio</th>
<th>Differential Locking</th>
<th>Input Yoke</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA 10</td>
<td>11,5</td>
<td>24,0</td>
<td>220</td>
<td>440</td>
<td>2800</td>
<td>2040</td>
<td>220</td>
<td>275</td>
<td>N8 M20x1,5</td>
<td>15,480</td>
<td>NO SPIN</td>
<td>MECH 6C</td>
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<tr>
<td>GA 14</td>
<td>15,5</td>
<td>32,0</td>
<td>260</td>
<td>520</td>
<td>5600</td>
<td>2036</td>
<td>370</td>
<td>425</td>
<td>N12 M22x1,5</td>
<td>21,183</td>
<td>Self lock L.R. 56%</td>
<td>MECH 7C</td>
</tr>
<tr>
<td>GA 17</td>
<td>17,0</td>
<td>35,0</td>
<td>310</td>
<td>620</td>
<td>5600</td>
<td>2070</td>
<td>370</td>
<td>425</td>
<td>N12 M22x1,5</td>
<td>20,365</td>
<td>100% hydr</td>
<td>MECH 7C</td>
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<tr>
<td>GA 15</td>
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<td>35,0</td>
<td>310</td>
<td>620</td>
<td>5600</td>
<td>2070</td>
<td>370</td>
<td>425</td>
<td>N12 M22x1,5</td>
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<td>MECH 7C</td>
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<tr>
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<td>330</td>
<td>660</td>
<td>6700</td>
<td>2076</td>
<td>370</td>
<td>425</td>
<td>N12 M22x1,5</td>
<td>22,217</td>
<td>100% hydr</td>
<td>MECH 7C</td>
</tr>
</tbody>
</table>

**Inlet and outlet ports for external oil cooling circulation**

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