Front & Rear Axles for Agricultural Tractors

Front and Rear axle designed for premium niche agricultural tractors, suitable for road transfer, agricultural, non agricultural and forestry tasks at high speed (60 - 80 kph).

**Front Axle**
- Steering drive axle with double reduction and hypoid gear
- Single stage final planetary reduction
- 100% hydraulic differential lock
- Outboard caliper brake
- Maximum steering angle 45°
- Steering cylinder mounted on differential carrier to avoid external damage

**Rear Axle**
- Rigid drive axle with double reduction and spiral bevel gear
- Single stage final planetary reduction
- 100% hydraulic differential lock
- Outboard caliper brake
- Rear two speed PTO incorporated

Both the axles have been designed to be fitted with suspension arms (multilink suspension).

<table>
<thead>
<tr>
<th>Type of axle</th>
<th>Machine Operating Weight t.</th>
<th>Static Load t*</th>
<th>Dynamic Load t*</th>
<th>Output Torque Nm</th>
<th>Braking Torque @150bar daNm</th>
<th>Flange to flange mm</th>
<th>Overall Dim. mm</th>
<th>Rim Cent. Diam. mm</th>
<th>Pilot Diam. mm</th>
<th>Quantity &amp; Dimension mm</th>
<th>Ratio**</th>
</tr>
</thead>
<tbody>
<tr>
<td>TFA 10 front</td>
<td>15</td>
<td>18</td>
<td>10</td>
<td>71000</td>
<td>5300</td>
<td>2110</td>
<td>2382</td>
<td>395</td>
<td>450</td>
<td>N10 M20x1,5</td>
<td>15,930</td>
</tr>
<tr>
<td>TRA 15 rear</td>
<td>35</td>
<td>16</td>
<td>16</td>
<td>116000</td>
<td>3400</td>
<td>1976</td>
<td>2346</td>
<td>444,5</td>
<td>501,65</td>
<td>N16 M20x1,5</td>
<td>18,514</td>
</tr>
</tbody>
</table>

* Indicative values (max effective to be calculated according to different tyres and tracks)
** Other ratios available as optional