Articulated Dump Trucks (ADTs) are used for hauling large quantities of bulk or aggregate material in a variety of applications and ground conditions. It is highly adaptable to rough terrain. Continental’s EM-Master range is customized for these specific demands and comes with a durable, cut resistant tread compound to master the application. Traction, self-cleaning and a smooth ride were main criteria for the pattern development. In addition all Continental EM-Master tires are equipped with tire (TPMS) sensors.

Your Challenges

- **Harsh conditions** that challenge the tire increase the likelihood of tire failure.
- **Heavy transport** tasks either in rough terrain or under any demanding road condition.
- Operating at high speeds leads to high temperatures in tires.
- Assure the optimal tire inflation pressure during continuous operation.
- Lack of time for frequent manual tirechecks, need to focus on core business.

Our Solutions

The E3/L3 version of the EM-Master series is designed for conditions that range from soft to muddy terrain.

The E4/L4 version of the EM-Master series is designed for conditions that range from gravel up to rocky terrain where enhanced carcass protection is important.

Your Benefits

- Increase efficiency
- Keep track of your assets
- Maximize uptime
- Sensor ex Factory
Earthmoving is the core business of Eberhard Bau AG. Since 2018, the construction company has been relying on Continental EM-Master tires and the tire monitoring system ContiPressureCheck for its articulated dump trucks. Björn Reiser is Head of Purchasing and responsible for vehicle maintenance. His vehicles are working constantly under rough conditions.

“The Continental EM-Master tires are an ideal match for our requirements for usage. Thanks to ContiPressureCheck, our drivers reliably receive tire pressure data directly in the cab. The carcass is so robust that we have not had any failures in recent years. Another decisive factor for me as a buyer: the good price-performance ratio.”

Continental’s state-of-the-art production in Lousado


ISO Certifications (ISO 9001 and ISO 45001) certify outstanding production conditions. Sustainability plays in every manner a big role, e.g.: water is reused, lightening works with motion sensors and all the transportation equipment is electrified and, wherever possible, automatically guided. Equipped with state-of-the-art building machinery and automated devices, the Lousado plant is designed to deliver cutting-edge radial tires while following the highest of ergonomic standards.

Available Dimensions

<table>
<thead>
<tr>
<th>Tread</th>
<th>Article no.</th>
<th>Tire size</th>
<th>TRA code</th>
<th>Type</th>
<th>SR/PR</th>
<th>L/SS</th>
<th>Rim</th>
<th>Overall diam. mm (inch)</th>
<th>Overall width mm (inch)</th>
<th>Tread depth mm (32&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM-Master</td>
<td>1270517</td>
<td>20.5R25</td>
<td>E3/L3</td>
<td>TL</td>
<td>2*</td>
<td>177B</td>
<td>25x17.00/2.0 &amp; 1.7</td>
<td>1485 (58.5)</td>
<td>512 (20.2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1270516</td>
<td>23.5R25</td>
<td>E3/L3</td>
<td>TL</td>
<td>2*</td>
<td>185B</td>
<td>25x19.50/2.5</td>
<td>1605 (63.2)</td>
<td>605 (23.8)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1270515</td>
<td>26.5R25</td>
<td>E3/L3</td>
<td>TL</td>
<td>2*</td>
<td>193B</td>
<td>25x22.00/3.0</td>
<td>1740 (68.5)</td>
<td>703 (27.7)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1270514</td>
<td>29.5R25</td>
<td>E3/L3</td>
<td>TL</td>
<td>2*</td>
<td>200B</td>
<td>25x25.00/3.5</td>
<td>1843 (72.6)</td>
<td>759 (29.9)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1270562</td>
<td>23.5R25</td>
<td>E4/L4</td>
<td>TL</td>
<td>2*</td>
<td>185B</td>
<td>25x19.50/2.5</td>
<td>1609 (63.3)</td>
<td>603 (23.7)</td>
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<tr>
<td></td>
<td>1270563</td>
<td>26.5R25</td>
<td>E4/L4</td>
<td>TL</td>
<td>2*</td>
<td>193B</td>
<td>25x22.00/3.0</td>
<td>1739 (68.5)</td>
<td>697 (27.4)</td>
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<tr>
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<td>1270564</td>
<td>29.5R25</td>
<td>E4/L4</td>
<td>TL</td>
<td>2*</td>
<td>200B</td>
<td>25x25.00/3.5</td>
<td>1850 (72.8)</td>
<td>760 (29.9)</td>
<td></td>
</tr>
</tbody>
</table>

= All tires are equipped with SensorConnect from factory.