## Specifications

<table>
<thead>
<tr>
<th></th>
<th>CK 220</th>
<th>CK 185</th>
<th>CK 165</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operation Weight (kg)</strong></td>
<td>17200</td>
<td>16300</td>
<td>15000</td>
</tr>
<tr>
<td><strong>Dimensions (mm)</strong></td>
<td>8900×2765×3525</td>
<td>8900×2765×3525</td>
<td>8900×2765×3525</td>
</tr>
<tr>
<td>(With Front Blade and Rear Ripper)</td>
<td>10900×2765×3525</td>
<td>10900×2765×3525</td>
<td>10600×2765×3525</td>
</tr>
<tr>
<td><strong>Blade Dimensions (mm)</strong></td>
<td>4267×650</td>
<td>3965×620</td>
<td>3965×620</td>
</tr>
<tr>
<td><strong>Blade Turning Angle</strong></td>
<td>360°</td>
<td>90°</td>
<td>90°</td>
</tr>
<tr>
<td><strong>Maximum Tipping Angle of the Blade</strong></td>
<td>90°</td>
<td>90°</td>
<td>90°</td>
</tr>
<tr>
<td><strong>Maximum Digging Depth of the Blade (mm)</strong></td>
<td>550</td>
<td>550</td>
<td>550</td>
</tr>
<tr>
<td><strong>Front Rear Axle Wheelbase</strong></td>
<td>6362</td>
<td>6062</td>
<td>6062</td>
</tr>
</tbody>
</table>

### Engine

- **Model**: 6CTA8.3
- **Rated Power (kw/hp)**: 160/220
- **Rated Power (Nm/rpm)**: 675/1500
- **Max. Torque (Nm/rpm)**: 630/1400
- **Speed (rpm)**: 2200
- **Max. Tractor Torque/Attachment Coefficient is 0.75 (kN)**: 89

### Transmission and Torque Converter

- **Transmission**: Hydraulic Shift Transmission
- **Max. Travel Speed (km/h)**: 36
- **Swing Angle**: ±15°
- **Steering System**: Left/Right 25°
- **Brake System**: Full Hydraulic Brake System
- **Brakes**: Shoe Brake
- **Wheel and Tyre**: 14.00R25, 17.5-25 PR12
- **Rim**: 950
- **Width (mm)**: Optional
- **Max. Depth into Ground (mm)**: 205
- **Rear Ripper**: Optional
- **Ripper Width (mm)**: 2000
- **Max. Depth of Rip Tooth (mm)**: 315
- **Number of Teeth**: 5

---

**REFINED**

**Efficiency Rules the Future**

---

**CK165 / CK185 / CK220**

**MOTOR GRADERS**

3 Section Axle with "No Spin" Differential
Hydraulic Shift Transmission
HUSCO 5 position Multi-valves
Single Circuit Hydraulic Service Brake
Maintenance-free Roll-type Rotator

---

**For more information on Lonking CDM products, please visit www.lonking.cn**

---

**Specifications and design are subject to change without prior notice.**

**Machines shown may not include optional accessories.**

**Lonking, Lonking CDM Sales and their respective logos, as well as corporate identity in this brochure are trademarks of Lonking Holdings Ltd.,**

**and may not be used without written permission.**

**Printed 05/2012 China**