Halliburton Ruggedized Global Cementing Truck (RGT)

Halliburton’s mixing and pumping systems for cementing operations are designed to be reliable and deliver unmatched performance, safety and service for the oil and gas industry. Halliburton’s ruggedized global cementing truck (RGT) is designed to reliably withstand extremely harsh oilfield environments and temperatures ranging from -31°F (-35°C) to 113°F (45°C) with minimal maintenance.

**Equipment Configuration**
- Custom Mercedes ACTROS 8x8 heavy-duty chassis includes winterized protection
- Two Caterpillar C13 engines rated at 520 BHP (brake horsepower) (388 kW)
- Two Allison 4700 OFS automatic transmissions
- Two Halliburton HT-400™ Pumps
- One combined displacement and RCM® Tank
- One RCM® IIIr mixer
- FLECS™ Control System
- One 4x4 centrifugal mixing water pump
- One 6x5 centrifugal recirculation pump
- One low-pressure Micro Motion® density meter

**Downhole Pump**
The power and volume capabilities of Halliburton’s HT-400™ pumps are unsurpassed since their introduction in 1957. Field proven and reliable, the HT-400 pump comes with 4.5-in. or 5-in. fluid ends. The CAT C13 engines drive the pumps through the Allison 4700 OFS automatic transmissions with 520 BHP (brake horsepower) available.

- Maximum pump rates are 19-24 barrels per minute (bpm) depending on fluid-end size
- Maximum pressures are 9,000-11,000 psi depending on fluid-end size

**Auxiliary Power**
The power for the auxiliary equipment is from the chassis engine. This engine is used to run the 6x5 recirculation pump, 4x4 mixing water pump, agitators in the mixing tub and the RCM mixing system. It also provides hydraulic power for starting the deck engine.
Tank System
Mixing and displacement are self-contained and integrated into a single unit. This unit is a 9.5 barrel dual compartment mixing tub with two 10 barrel displacement sections.

Truck Chassis
The Mercedes ACTROS 8x8 heavy-duty chassis includes winterized protection.

Operational Control Station
The FLECS control system features pressure, rate and density display and communication. The system can signal another computer for display or printout; store data for reference; and includes a settable, automatic, over-pressure kick-out system for added safety. Chassis engine diagnostics are also displayed in the control stand.

Dimensions and Weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Length</td>
<td>38 ft. (11.58 m)</td>
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<tr>
<td>Width</td>
<td>8 ft. – 1-in. (2.46 m)</td>
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<tr>
<td>Height</td>
<td>13 ft. – 9-in. (4.19 m)</td>
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<tr>
<td></td>
<td>[13 ft. – 1-in (4.0 m) with Mix Head in Road Position]</td>
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<tr>
<td>Width</td>
<td>71,000 lb. (32,205 kg)</td>
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</tbody>
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For more information on the Ruggedized Global Cement Truck (RGT), please call your local Halliburton representation or email us at cementing@halliburton.com.

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