

# TC11A Tracked Carrier

<p><b>ENGINE</b>  <b>Manufacturer</b>          Cummins</p> <p><b>Model</b>          B6.7</p> <p><b>Configuration</b>          Inline 6, turbocharged and intercooled</p> <p><b>Gross Power</b>          186 kW (249 hp) @ 2000 rpm</p> <p><b>Net Power</b>          177 kW (237 hp) @ 2000 rpm</p> <p><b>Displacement</b>          6.7 litres (409 cu.in)</p> <p><b>Fuel Tank Capacity</b>          192 litres (50.7 US gal)</p> <p><b>Diesel Exhaust Fluid Capacity</b>          37,8 litres (10 US gal)</p> <p><b>Air Cleaner</b>          Radial seal air cleaner with clear bowl pre-cleaner. Filter blockage is detected by a pressure transducer</p> <p><b>Certification</b>          The B6.7 meets EU Stage V emissions regulations</p> <p><b>HYDRAULIC SYSTEM</b>  <b>Hydrostatic Drive System</b>          Electro-hydraulic pump control with variable displacement hydraulic motors. Closed loop system</p> <p><b>Wheel Drive System</b>          Double reduction planetary track drive</p> <p><b>Service Brake</b>          Hydrostatic brake</p>	<p><b>Park Brake</b>          Fail to safe Spring Applied Hydraulic Released (SAHR) brake</p> <p><b>System Pressure</b>          420 bar (6 092 psi)</p> <p><b>Filtration</b>          13 micron spin-on filters</p> <p><b>Hydraulic Tank Capacity</b>          133 litres (35.1 US gal)</p> <p><b>TRACK</b>  <b>Track Type</b>          Rubber tracks with steel inserts</p> <p><b>Tensioning System</b>          Manually adjusted grease cylinder plus mechanical spring</p> <p><b>SUSPENSION</b>  <b>Roller Quantity</b>          6 per side</p> <p><b>Walking Beam Arrangement</b>          Two terrain-response compound walking beams per side which, maximize the ground contact area, minimize ground pressure, reduce roller to track pressure and decrease the potential for de-tracking</p> <p><b>DUMPING SYSTEM</b>  <b>Configuration</b>          Two double-acting, single stage, dump cylinders</p> <p><b>Flow Rate</b>          92 litres (24 US gal) per minute</p> <p><b>Raise Time</b>          12 seconds</p> <p><b>Lower Time</b>          12 seconds</p>	<p><b>Tipping Angle</b>          60 degrees for normal load bed 40 degrees for flat deck</p> <p><b>Safety</b>          Bin pole which locks bin in the up position</p> <p><b>LOAD BODIES</b>  <b>Standard</b>          Load body with tailgate</p> <p><b>Standard Body Capacity (SAE 2:1)</b>          5.25 m<sup>3</sup> (6.9 yd<sup>3</sup>)</p> <p><b>Option</b>          Tipping flat deck (which can be bolted down)</p> <p><b>ELECTRICAL SYSTEM</b>  <b>Voltage</b>          24 V</p> <p><b>Battery Type</b>          Two AGM (Absorption Glass Mat) type</p> <p><b>Battery Capacity</b>          2 X 75 Ah</p> <p><b>Alternator Rating</b>          70 Amp</p> <p><b>Headlights</b>          LED Hella Valuefit is fitted standard</p> <p><b>Reverse Camera</b>          Standard</p> <p><b>Extra Lighting Option</b>          Optional LED bar light mounted to top of cab</p>	<p><b>CAB</b>  <b>Configuration</b>          Dedicated cab developed by Bell for the Tracked Carrier application</p> <p><b>Steering</b>          Single handed joystick controller</p> <p><b>Air Conditioning</b>          HVAC system is standard fitment</p> <p><b>Mirrors</b>          Heated (optional) and remotely operated</p> <p><b>Safety</b>          ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449</p> <p><b>VEHICLE PERFORMANCE</b>  <b>Speed</b>          14 km/h (8.7 mph)</p> <p><b>Gradient (laden)</b>          55% (29 degrees)</p> <p><b>VEHICLE MASS (STANDARD CONFIGURATION)</b>  <b>Unladen</b>          13 960 kg (30 777 lb)</p> <p><b>Laden</b>          24 960 kg (55 027 lb)</p> <p><b>Payload</b>          11 000 kg (24 251 lb)</p> <p><b>UNLADEN GROUND PRESSURE</b>  <b>6" Sinkage method</b>          0.19 kg/cm<sup>2</sup> (2.72 psi)</p> <p><b>Hard Ground method</b>          0.33 kg/cm<sup>2</sup> (4.72 psi)</p>
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## Dimensions

