LNG Vehicle Tank Systems
Chart is the world’s leading producer of cryogenic cylinder tanks. The ISO 9000 certified facility in Canton, GA, USA has produced over 1.500.00 stainless steel cylinders. That experience results in a high quality, safe, reliable LNG vehicle tank that will absorb the on-the-road abuse of heavy-duty vehicles.

PRODUCT HIGHLIGHTS
• Uses less space than CNG tanks
• 100% Stainless Steel tank construction
• Longest hold times in the industry
• Vacuum/super-insulation
• Automatic pressure control
• Single hose fill design
• Patented overfill protection
• Manual fuel supply and vent valves
• Excess flow valve
• Primary and secondary relief valves
• Electronic fuel gauge
• Engine coolant LNG vaporizer
• Custom solutions on single and multiple tank systems for almost any application
• Designed, constructed and tested in accordance with ATA and NFPA standards
• TPED 99/36/EC design & RDW approval
• GOST R certification available

Patent no. 6,128,908 & Others Pending
SPECIFICATIONS (EXAMPLES OF VARIOUS SIZES)

<table>
<thead>
<tr>
<th>MODEL*</th>
<th>HLNG-72</th>
<th>HLNG-119</th>
<th>HLNG-150</th>
<th>HLNG-196</th>
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<tbody>
<tr>
<td>Dimensions</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
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<tr>
<td>Diameter</td>
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<td>660</td>
<td>26</td>
<td>660</td>
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<tr>
<td>Length</td>
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<td>1270</td>
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<td>1905</td>
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<tr>
<td>Capacity</td>
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<td>gal</td>
<td>ltr</td>
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<tr>
<td>Net</td>
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<tr>
<td>Gross</td>
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<td>270</td>
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<td>454</td>
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<tr>
<td>Weight</td>
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<td>kg</td>
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<td>Empty</td>
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<td>145</td>
<td>505</td>
<td>230</td>
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<tr>
<td>Full**</td>
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<td>250</td>
<td>885</td>
<td>400</td>
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</table>

* Available in custom sizes from 13" to 34" diameter up to 280 gross gallon capacity.
** Full weight calculations are based on 3.5 lb/gal (0.42 kg/ltr) density LNG.

SPECIFICATIONS

- Inner & Outer Vessels - 304 Stainless Steel
- Plumbing Components - Stainless Steel & Brass
- Maximum Allowable Working Pressure (MAWP) - 230 psi/16 bar
- Operating Pressure Range - 50-150 psi/3.5-10 bar (Factory Set at 70 psi/5 bar)
- Designed, constructed and tested to rigid industry standards including DOT, ASME or other codes

Chart designers will customize an on-board fuel system to meet your fleet vehicle needs.