The Dynamic Flare Boom is designed to withstand storm force winds and seas that are experienced while installed on dynamic vessels. Any floating structure including semi-submersibles, drillship’s and barges are considered dynamic vessels. The different length configurations and multiple pipe sizes enable the Dynamic Flare Boom to handle gas flow rates of up to 100 MMscf/d. A water curtain may be added to decrease heat radiation from the flare.

### Technical Specifications

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Dynamic Flare Boom 45’</th>
<th>Dynamic Flare Boom 65’</th>
<th>Dynamic Flare Boom 85’</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom Dimensions</strong> (L x W x H)</td>
<td>44' 10” x 7’ 4” x 3’ 11”</td>
<td>65' 6” x 7’ 4” x 3’ 11”</td>
<td>86' 2” x 7’ 4” x 3’ 11”</td>
</tr>
<tr>
<td><strong>Tare Weight (lbs.)</strong></td>
<td>11,200</td>
<td>17,000</td>
<td>21,020</td>
</tr>
<tr>
<td><strong>Max Gas Flow Rate (MMscf/d)</strong></td>
<td>10</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td><strong>Maximum Temperature (°F)</strong></td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td><strong>Minimum Temperature (°F)</strong></td>
<td>-20</td>
<td>-20</td>
<td>-20</td>
</tr>
<tr>
<td><strong>HP Gas Inlet and Outlet</strong></td>
<td>Inlet: 6” Outlet: 10”</td>
<td>Inlet: 6” Outlet: 10”</td>
<td>Inlet: 6” Outlet: 10”</td>
</tr>
<tr>
<td><strong>LP Gas Inlet and Outlet</strong></td>
<td>Inlet: 4” Outlet: 6”</td>
<td>Inlet: 4” Outlet: 6”</td>
<td>Inlet: 4” Outlet: 6”</td>
</tr>
<tr>
<td><strong>PSV Gas Inlet and Outlet</strong></td>
<td>Inlet: 4” Outlet: 4”</td>
<td>Inlet: 4” Outlet: 4”</td>
<td>Inlet: 4” Outlet: 4”</td>
</tr>
<tr>
<td><strong>Water Curtain Inlet and Outlet</strong></td>
<td>Inlet: 2” Outlet: Deflector Plate</td>
<td>Inlet: 2” Outlet: Deflector Plate</td>
<td>Inlet: 2” Outlet: Deflector Plate</td>
</tr>
<tr>
<td><strong>NACE MR 0175</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* Estimated rates; Geometry of the rig, equipment placement, wind direction and ambient conditions all direct heat radiation limits which dictates maximum gas rates.