72 DNS Lattice Boom
Offshore Cranes

Your partner for a Lifetime of Lifting

With years of experience in the design and manufacture of lattice boom cranes, you can rely on our team of engineers and fabricators to deliver a crane that is suited for the offshore environment. Through our global service network, we partner with you throughout the lifecycle of your crane to help prevent costly downtime events and reduce your total cost of ownership.
72 DNS Lattice Boom Offshore Cranes

The 72 DNS crane is designed and manufactured to provide the lasting performance required in the rugged offshore environment. Its capabilities range from deck-to-deck lifting, to loading and unloading supply vessels.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Boom Length</th>
<th>36.5 meter</th>
<th>40 meter</th>
<th>43 meter</th>
<th>46 meter</th>
<th>49 meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum overturning moment (kNm)</td>
<td>47 000</td>
<td>48 200</td>
<td>48 200</td>
<td>48 200</td>
<td>48 200</td>
</tr>
<tr>
<td>Weight (revolving structure) (kg)</td>
<td>103 000</td>
<td>106 000</td>
<td>109 000</td>
<td>112 000</td>
<td>115 000</td>
</tr>
<tr>
<td>King Post Assembly Weight (kg)</td>
<td>27 000</td>
<td>27 000</td>
<td>27 000</td>
<td>27 000</td>
<td>27 000</td>
</tr>
<tr>
<td>Radius Minimum (m)</td>
<td>8.8</td>
<td>9.4</td>
<td>9.9</td>
<td>10.4</td>
<td>11</td>
</tr>
<tr>
<td>Radius Maximum (m)</td>
<td>38.4</td>
<td>41.5</td>
<td>44.5</td>
<td>47.6</td>
<td>50.6</td>
</tr>
<tr>
<td>SWL* Whip (mt)</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>SWL* Main (mt)</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

**Key Features**

- Simplified main bearings that can be inspected in less than an hour
- Main and auxiliary hook parking cradle eliminates line fouling and boom damage while operating at high boom angles
- High A-frame gantry allows heavier lifts at extended radii
- Minimal tail swing radius of 4.7 m saves valuable deck space
- Enclosed engine/pump compartment design reduces noise and protects key components from weather
- Meets API-2C standard and carries API monogram with ABS Certification
- Designed for superior safety and simple maintenance procedures

**Environmental Conditions**

Design temperature: -20° to +50°C

**Prime Movers**

- Prime Mover: Electric or Diesel
- Power: 500 HP Electric or 580 HP Diesel

**Relevant to the following installations**

- FixedPlatforms
- Jackups
- FPSO’s
- Drillships
- Semisubmersibles

[Image of a crane]