# Load Capacity By Boom Length

## K120

### Load Chart Description:
- The chart provides load capacities for different reach lengths and boom lengths for the K120 crane.
- The load capacities are given in metric tons and are based on the crane's static and dynamic load limits.

#### Load Chart:
- The chart includes columns for reach angles, reach lengths, and load capacities for both static and dynamic conditions.
- The data is presented in a tabular format for easy reference.

#### Designed and Manufactured by:
- TECHCRANE
- 2C-0067

#### Previously Approved by:
- AB&J
- DNV GL

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### Load Chart Details:
- **Model K120**: Designed for maximum efficiency and safety in handling heavy loads.
- **Reach Lengths**: From 7 to 55 meters, allowing for flexibility in various applications.
- **Load Capacities**: Vary depending on the reach angle and length, ensuring safe and efficient crane operation.

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### Load Capacity Table:

**Example Table Entry**

<table>
<thead>
<tr>
<th>Reach Length (m)</th>
<th>Reach Angle (°)</th>
<th>Load Capacity (t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>20</td>
<td>90</td>
<td>8</td>
</tr>
<tr>
<td>30</td>
<td>180</td>
<td>5</td>
</tr>
</tbody>
</table>

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**Notes**:
- The table provides a snapshot of the load capacities available for various reach angles and lengths.
- Load capacities are subject to change and should be confirmed with the manufacturer.
- The chart is a valuable resource for crane operators and contractors looking to utilize the K120 crane's capabilities effectively.

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### Additional Information:
- **Design Specifications**:
  - Maximum boom length: 55 meters
  - Maximum reach: 25 meters
  - Engine specifications: Not detailed in the chart but can be found in the crane's technical specifications.

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**Conclusion**:
- The K120 crane is a versatile solution for heavy lifting operations, offering a range of capacities to accommodate various project requirements.