### LIFTING CAPACITIES

#### Luffing Jib Lifting Capacities

**Unit:** lbs

**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>79ft (24m) Boom</th>
<th>98ft (30m) Boom</th>
<th>118ft (36m) Boom</th>
<th>138ft (42m) Boom</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>86</td>
<td>66</td>
<td>66</td>
<td>66</td>
<td>66</td>
<td>52.5</td>
</tr>
<tr>
<td>52.5</td>
<td>250,200 *</td>
<td>250,200 *</td>
<td>250,200 *</td>
<td>250,200 *</td>
<td>52.5</td>
</tr>
<tr>
<td>55</td>
<td>244,000</td>
<td>243,300</td>
<td>225,900 *</td>
<td>186,000</td>
<td>55</td>
</tr>
<tr>
<td>60</td>
<td>230,000</td>
<td>228,300</td>
<td>204,700 *</td>
<td>157,600</td>
<td>60</td>
</tr>
<tr>
<td>65</td>
<td>208,300</td>
<td>206,900</td>
<td>187,200</td>
<td>136,300</td>
<td>65</td>
</tr>
<tr>
<td>70</td>
<td>190,600</td>
<td>189,300</td>
<td>168,600</td>
<td>111,300</td>
<td>70</td>
</tr>
<tr>
<td>75</td>
<td>175,300</td>
<td>174,000</td>
<td>158,600</td>
<td>95</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>161,900</td>
<td>160,600</td>
<td>146,100</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>150,300</td>
<td>149,000</td>
<td>137,300</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>137,200</td>
<td>133,900</td>
<td>128,500</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>124,200</td>
<td>122,600</td>
<td>120,700</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>110,500</td>
<td>115,000</td>
<td>112,800</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>98,200</td>
<td>102,400</td>
<td>106,100</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>86,600</td>
<td>92,100</td>
<td>86,200</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>78,200</td>
<td>81,400</td>
<td>79,800</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>72,000</td>
<td>69,000</td>
<td>67,200</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>66,200</td>
<td>63,100</td>
<td>61,100</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>61,100</td>
<td>59,200</td>
<td>56,400</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>56,100</td>
<td>54,500</td>
<td>52,000</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>52,000</td>
<td>50,100</td>
<td>47,700 *</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>48,500</td>
<td>45,300</td>
<td>41,100</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>44,800</td>
<td>41,100</td>
<td>38,800</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>41,000</td>
<td>37,000</td>
<td>35,800</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>38,200</td>
<td>33,100</td>
<td>33,000</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>35,500</td>
<td>30,700</td>
<td>30,700</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>32,900</td>
<td>29,100</td>
<td>29,100</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>26,800</td>
<td>23,000</td>
<td>23,000</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>260</td>
<td>24,900</td>
<td>21,200</td>
<td>21,200</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>270</td>
<td>22,400</td>
<td>18,700</td>
<td>18,700</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>20,600</td>
<td>16,800</td>
<td>16,800</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>18,800</td>
<td>15,100</td>
<td>15,100</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
## Luffing Jib Lifting Capacities

**Unit: lbs**

### 98ft (30m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>79ft (24m) Jib</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>262,700</td>
<td>242,000</td>
<td>222,600</td>
<td>187,000</td>
<td>50</td>
</tr>
<tr>
<td>60</td>
<td>226,500</td>
<td>224,800</td>
<td>222,600</td>
<td>172,500</td>
<td>60</td>
</tr>
<tr>
<td>70</td>
<td>205,200</td>
<td>203,600</td>
<td>201,400</td>
<td>157,200</td>
<td>70</td>
</tr>
<tr>
<td>80</td>
<td>187,700</td>
<td>186,300</td>
<td>184,100</td>
<td>141,900</td>
<td>80</td>
</tr>
<tr>
<td>90</td>
<td>172,500</td>
<td>171,200</td>
<td>169,000</td>
<td>127,500</td>
<td>90</td>
</tr>
<tr>
<td>100</td>
<td>159,300</td>
<td>158,000</td>
<td>155,800</td>
<td>113,300</td>
<td>100</td>
</tr>
<tr>
<td>110</td>
<td>147,900</td>
<td>146,600</td>
<td>144,600</td>
<td>100,900</td>
<td>110</td>
</tr>
<tr>
<td>120</td>
<td>138,100</td>
<td>136,900</td>
<td>134,900</td>
<td>90,500</td>
<td>120</td>
</tr>
<tr>
<td>130</td>
<td>128,200</td>
<td>126,200</td>
<td>125,100</td>
<td>80,100</td>
<td>130</td>
</tr>
<tr>
<td>140</td>
<td>117,700</td>
<td>116,400</td>
<td>115,100</td>
<td>70,700</td>
<td>140</td>
</tr>
<tr>
<td>150</td>
<td>107,200</td>
<td>105,200</td>
<td>104,100</td>
<td>61,300</td>
<td>150</td>
</tr>
<tr>
<td>160</td>
<td>99,800</td>
<td>98,400</td>
<td>96,000</td>
<td>52,900</td>
<td>160</td>
</tr>
<tr>
<td>170</td>
<td>92,000</td>
<td>91,000</td>
<td>89,900</td>
<td>45,500</td>
<td>170</td>
</tr>
<tr>
<td>180</td>
<td>83,000</td>
<td>82,000</td>
<td>80,700</td>
<td>38,100</td>
<td>180</td>
</tr>
<tr>
<td>190</td>
<td>75,200</td>
<td>74,200</td>
<td>73,000</td>
<td>30,700</td>
<td>190</td>
</tr>
<tr>
<td>200</td>
<td>68,500</td>
<td>67,500</td>
<td>66,300</td>
<td>23,300</td>
<td>200</td>
</tr>
<tr>
<td>210</td>
<td>63,000</td>
<td>62,000</td>
<td>60,800</td>
<td>16,900</td>
<td>210</td>
</tr>
<tr>
<td>220</td>
<td>58,500</td>
<td>57,500</td>
<td>56,300</td>
<td>9,500</td>
<td>220</td>
</tr>
<tr>
<td>230</td>
<td>54,000</td>
<td>53,000</td>
<td>51,800</td>
<td>2,100</td>
<td>230</td>
</tr>
<tr>
<td>240</td>
<td>50,500</td>
<td>49,500</td>
<td>48,300</td>
<td>-</td>
<td>240</td>
</tr>
<tr>
<td>250</td>
<td>47,000</td>
<td>46,000</td>
<td>44,800</td>
<td>-</td>
<td>250</td>
</tr>
<tr>
<td>260</td>
<td>43,500</td>
<td>42,500</td>
<td>41,300</td>
<td>-</td>
<td>260</td>
</tr>
<tr>
<td>270</td>
<td>40,000</td>
<td>39,000</td>
<td>37,800</td>
<td>-</td>
<td>270</td>
</tr>
<tr>
<td>280</td>
<td>36,500</td>
<td>35,500</td>
<td>34,300</td>
<td>-</td>
<td>280</td>
</tr>
<tr>
<td>290</td>
<td>33,000</td>
<td>32,000</td>
<td>30,800</td>
<td>-</td>
<td>290</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
# LIFTING CAPACITIES

## Luffing Jib Lifting Capacities

**Unit:** lbs  
**Counterweight:** 352,700 lbs, **Carboy weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

### 118ft (36m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
</tr>
<tr>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
<td>76</td>
</tr>
<tr>
<td>50</td>
<td>221,300</td>
<td>215,700</td>
<td>183,100</td>
<td>179,800</td>
</tr>
<tr>
<td>55</td>
<td>200,300</td>
<td>197,700</td>
<td>155,200</td>
<td>152,100</td>
</tr>
<tr>
<td>60</td>
<td>118,000</td>
<td>116,100</td>
<td>103,500</td>
<td>115,000</td>
</tr>
<tr>
<td>65</td>
<td>104,900</td>
<td>103,100</td>
<td>91,500</td>
<td>91,500</td>
</tr>
<tr>
<td>70</td>
<td>84,400</td>
<td>82,600</td>
<td>79,600</td>
<td>79,600</td>
</tr>
<tr>
<td>75</td>
<td>76,300</td>
<td>73,900</td>
<td>71,400</td>
<td>71,400</td>
</tr>
<tr>
<td>80</td>
<td>61,600</td>
<td>69,200</td>
<td>65,000</td>
<td>65,000</td>
</tr>
<tr>
<td>85</td>
<td>56,400</td>
<td>61,300</td>
<td>59,000</td>
<td>59,000</td>
</tr>
</tbody>
</table>

### 177ft (54m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>177ft (54m) Jib</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
</tr>
<tr>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
</tr>
<tr>
<td>75</td>
<td>148,300</td>
<td>127,600</td>
<td>114,800</td>
</tr>
<tr>
<td>80</td>
<td>138,800</td>
<td>125,000</td>
<td>112,400</td>
</tr>
<tr>
<td>85</td>
<td>129,200</td>
<td>119,800</td>
<td>107,600</td>
</tr>
<tr>
<td>90</td>
<td>120,600</td>
<td>116,100</td>
<td>104,000</td>
</tr>
<tr>
<td>95</td>
<td>112,900</td>
<td>112,100</td>
<td>99,800</td>
</tr>
<tr>
<td>100</td>
<td>99,700</td>
<td>96,800</td>
<td>93,900</td>
</tr>
<tr>
<td>105</td>
<td>89,100</td>
<td>86,100</td>
<td>83,200</td>
</tr>
<tr>
<td>110</td>
<td>80,100</td>
<td>77,000</td>
<td>74,100</td>
</tr>
<tr>
<td>115</td>
<td>72,400</td>
<td>69,300</td>
<td>66,400</td>
</tr>
<tr>
<td>120</td>
<td>65,800</td>
<td>62,400</td>
<td>59,500</td>
</tr>
<tr>
<td>125</td>
<td>60,200</td>
<td>57,100</td>
<td>54,200</td>
</tr>
<tr>
<td>130</td>
<td>55,300</td>
<td>54,000</td>
<td>51,100</td>
</tr>
<tr>
<td>135</td>
<td>51,100</td>
<td>49,600</td>
<td>47,100</td>
</tr>
<tr>
<td>140</td>
<td>47,200</td>
<td>46,000</td>
<td>43,700</td>
</tr>
<tr>
<td>145</td>
<td>43,300</td>
<td>42,100</td>
<td>40,800</td>
</tr>
<tr>
<td>150</td>
<td>36,900</td>
<td>35,700</td>
<td>34,400</td>
</tr>
</tbody>
</table>

**Note:** Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
# Luffing Jib Lifting Capacities

**Unit:** lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

## 138ft (42m) Boom

### Load Radius (ft)

<table>
<thead>
<tr>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom Angle</strong> (deg.)</td>
<td><strong>Boom Angle</strong> (deg.)</td>
<td><strong>Boom Angle</strong> (deg.)</td>
<td><strong>Boom Angle</strong> (deg.)</td>
</tr>
<tr>
<td>86 76 66</td>
<td>86 76 66</td>
<td>86 76 66</td>
<td>86 76 66</td>
</tr>
<tr>
<td>Radius (ft)</td>
<td>Load</td>
<td>Radius (ft)</td>
<td>Load</td>
</tr>
<tr>
<td>50</td>
<td>280</td>
<td>75</td>
<td>165,400</td>
</tr>
<tr>
<td>55</td>
<td>260</td>
<td>80</td>
<td>152,600</td>
</tr>
<tr>
<td>60</td>
<td>215,600</td>
<td>85</td>
<td>141,500</td>
</tr>
<tr>
<td>65</td>
<td>196,900</td>
<td>90</td>
<td>132,000</td>
</tr>
<tr>
<td>70</td>
<td>180,200</td>
<td>95</td>
<td>123,400</td>
</tr>
<tr>
<td>75</td>
<td>165,400</td>
<td>100</td>
<td>115,900</td>
</tr>
<tr>
<td>80</td>
<td>151,400</td>
<td>105</td>
<td>111,700</td>
</tr>
<tr>
<td>85</td>
<td>140,200</td>
<td>110</td>
<td>114,800</td>
</tr>
<tr>
<td>90</td>
<td>130,700</td>
<td>115</td>
<td>118,100</td>
</tr>
<tr>
<td>95</td>
<td>122,200</td>
<td>120</td>
<td>121,300</td>
</tr>
<tr>
<td>100</td>
<td>115,900</td>
<td>125</td>
<td>124,600</td>
</tr>
<tr>
<td>105</td>
<td>111,700</td>
<td>130</td>
<td>127,600</td>
</tr>
<tr>
<td>110</td>
<td>107,900</td>
<td>135</td>
<td>130,800</td>
</tr>
<tr>
<td>115</td>
<td>100,700</td>
<td>140</td>
<td>134,100</td>
</tr>
<tr>
<td>120</td>
<td>90,300</td>
<td>145</td>
<td>137,400</td>
</tr>
<tr>
<td>125</td>
<td>80,200</td>
<td>150</td>
<td>140,700</td>
</tr>
<tr>
<td>130</td>
<td>70,700</td>
<td>155</td>
<td>144,100</td>
</tr>
<tr>
<td>135</td>
<td>61,200</td>
<td>160</td>
<td>147,500</td>
</tr>
<tr>
<td>140</td>
<td>51,600</td>
<td>165</td>
<td>150,900</td>
</tr>
<tr>
<td>145</td>
<td>42,100</td>
<td>170</td>
<td>154,300</td>
</tr>
<tr>
<td>150</td>
<td>32,600</td>
<td>175</td>
<td>157,700</td>
</tr>
<tr>
<td>155</td>
<td>23,100</td>
<td>180</td>
<td>161,100</td>
</tr>
<tr>
<td>160</td>
<td>13,600</td>
<td>185</td>
<td>164,500</td>
</tr>
</tbody>
</table>

## 177ft (54m) Jib

### Load Radius (ft)

<table>
<thead>
<tr>
<th>177ft (54m) Jib</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom Angle</strong> (deg.)</td>
<td><strong>Boom Angle</strong> (deg.)</td>
<td><strong>Boom Angle</strong> (deg.)</td>
</tr>
<tr>
<td>86 76 66</td>
<td>86 76 66</td>
<td>86 76 66</td>
</tr>
<tr>
<td>Radius (ft)</td>
<td>Load</td>
<td>Radius (ft)</td>
</tr>
<tr>
<td>75</td>
<td>145,500</td>
<td>75</td>
</tr>
<tr>
<td>80</td>
<td>136,300</td>
<td>80</td>
</tr>
<tr>
<td>85</td>
<td>126,900</td>
<td>85</td>
</tr>
<tr>
<td>90</td>
<td>118,300</td>
<td>90</td>
</tr>
<tr>
<td>95</td>
<td>110,800</td>
<td>95</td>
</tr>
<tr>
<td>100</td>
<td>103,300</td>
<td>100</td>
</tr>
<tr>
<td>105</td>
<td>95,800</td>
<td>105</td>
</tr>
<tr>
<td>110</td>
<td>88,300</td>
<td>110</td>
</tr>
<tr>
<td>115</td>
<td>80,800</td>
<td>115</td>
</tr>
<tr>
<td>120</td>
<td>73,300</td>
<td>120</td>
</tr>
<tr>
<td>125</td>
<td>65,800</td>
<td>125</td>
</tr>
<tr>
<td>130</td>
<td>58,300</td>
<td>130</td>
</tr>
<tr>
<td>135</td>
<td>50,800</td>
<td>135</td>
</tr>
<tr>
<td>140</td>
<td>43,300</td>
<td>140</td>
</tr>
<tr>
<td>145</td>
<td>35,800</td>
<td>145</td>
</tr>
<tr>
<td>150</td>
<td>28,300</td>
<td>150</td>
</tr>
<tr>
<td>155</td>
<td>20,800</td>
<td>155</td>
</tr>
<tr>
<td>160</td>
<td>13,300</td>
<td>160</td>
</tr>
<tr>
<td>165</td>
<td>5,800</td>
<td>165</td>
</tr>
<tr>
<td>170</td>
<td>1,300</td>
<td>170</td>
</tr>
<tr>
<td>175</td>
<td>0</td>
<td>175</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
## LIFTING CAPACITIES

### Luffing Jib Lifting Capacities

**Unit: lbs**

**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

<table>
<thead>
<tr>
<th>157ft (48m) Boom</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
</tr>
<tr>
<td>50</td>
<td>290</td>
<td>290</td>
<td>290</td>
<td>50</td>
</tr>
<tr>
<td>55</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>55</td>
</tr>
<tr>
<td>60</td>
<td>215,300</td>
<td>215,300</td>
<td>215,300</td>
<td>60</td>
</tr>
<tr>
<td>65</td>
<td>195,100</td>
<td>195,100</td>
<td>195,100</td>
<td>65</td>
</tr>
<tr>
<td>70</td>
<td>178,300</td>
<td>178,300</td>
<td>178,300</td>
<td>70</td>
</tr>
<tr>
<td>75</td>
<td>163,800</td>
<td>163,800</td>
<td>159,900</td>
<td>75</td>
</tr>
<tr>
<td>80</td>
<td>151,000</td>
<td>149,900</td>
<td>148,000</td>
<td>80</td>
</tr>
<tr>
<td>85</td>
<td>139,900</td>
<td>138,800</td>
<td>137,100</td>
<td>85</td>
</tr>
<tr>
<td>90</td>
<td>130,600</td>
<td>129,500</td>
<td>127,600</td>
<td>90</td>
</tr>
<tr>
<td>95</td>
<td>122,100</td>
<td>121,100</td>
<td>119,100</td>
<td>95</td>
</tr>
<tr>
<td>100</td>
<td>114,600</td>
<td>113,700</td>
<td>111,700</td>
<td>100</td>
</tr>
<tr>
<td>110</td>
<td>101,800</td>
<td>100,700</td>
<td>98,900</td>
<td>110</td>
</tr>
<tr>
<td>120</td>
<td>77,100</td>
<td>70,300</td>
<td>68,600</td>
<td>120</td>
</tr>
<tr>
<td>130</td>
<td>69,500</td>
<td>61,500</td>
<td>59,100</td>
<td>130</td>
</tr>
<tr>
<td>140</td>
<td>55,800</td>
<td>49,100</td>
<td>47,400</td>
<td>140</td>
</tr>
<tr>
<td>150</td>
<td>51,200</td>
<td>43,400</td>
<td>41,600</td>
<td>150</td>
</tr>
<tr>
<td>160</td>
<td>47,600</td>
<td>40,800</td>
<td>39,000</td>
<td>160</td>
</tr>
<tr>
<td>170</td>
<td>44,200</td>
<td>37,300</td>
<td>35,500</td>
<td>170</td>
</tr>
<tr>
<td>180</td>
<td>40,800</td>
<td>34,200</td>
<td>32,400</td>
<td>180</td>
</tr>
<tr>
<td>190</td>
<td>37,400</td>
<td>31,600</td>
<td>29,800</td>
<td>190</td>
</tr>
<tr>
<td>200</td>
<td>34,200</td>
<td>28,600</td>
<td>26,900</td>
<td>200</td>
</tr>
<tr>
<td>210</td>
<td>31,200</td>
<td>25,600</td>
<td>24,000</td>
<td>210</td>
</tr>
<tr>
<td>220</td>
<td>28,400</td>
<td>22,800</td>
<td>21,200</td>
<td>220</td>
</tr>
<tr>
<td>230</td>
<td>25,800</td>
<td>20,200</td>
<td>18,600</td>
<td>230</td>
</tr>
<tr>
<td>240</td>
<td>23,400</td>
<td>18,800</td>
<td>17,200</td>
<td>240</td>
</tr>
<tr>
<td>250</td>
<td>21,100</td>
<td>16,500</td>
<td>14,900</td>
<td>250</td>
</tr>
<tr>
<td>260</td>
<td>18,900</td>
<td>14,300</td>
<td>12,700</td>
<td>260</td>
</tr>
<tr>
<td>270</td>
<td>16,800</td>
<td>12,200</td>
<td>10,600</td>
<td>270</td>
</tr>
<tr>
<td>280</td>
<td>14,900</td>
<td>10,300</td>
<td>8,700</td>
<td>280</td>
</tr>
<tr>
<td>290</td>
<td>13,100</td>
<td>9,500</td>
<td>7,900</td>
<td>290</td>
</tr>
</tbody>
</table>

### 177ft (54m) Jib

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>177ft (54m) Jib</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>88</td>
<td>142,900</td>
<td>142,900</td>
<td>142,900</td>
</tr>
<tr>
<td>85</td>
<td>133,900</td>
<td>133,900</td>
<td>133,900</td>
</tr>
<tr>
<td>90</td>
<td>124,600</td>
<td>124,600</td>
<td>124,600</td>
</tr>
<tr>
<td>95</td>
<td>116,200</td>
<td>116,200</td>
<td>116,200</td>
</tr>
<tr>
<td>100</td>
<td>108,800</td>
<td>108,800</td>
<td>108,800</td>
</tr>
<tr>
<td>110</td>
<td>95,900</td>
<td>95,900</td>
<td>95,900</td>
</tr>
<tr>
<td>120</td>
<td>85,500</td>
<td>85,500</td>
<td>85,500</td>
</tr>
<tr>
<td>130</td>
<td>76,700</td>
<td>76,700</td>
<td>76,700</td>
</tr>
<tr>
<td>140</td>
<td>69,100</td>
<td>69,100</td>
<td>69,100</td>
</tr>
<tr>
<td>150</td>
<td>62,700</td>
<td>62,700</td>
<td>62,700</td>
</tr>
<tr>
<td>160</td>
<td>57,400</td>
<td>57,400</td>
<td>57,400</td>
</tr>
<tr>
<td>170</td>
<td>52,700</td>
<td>52,700</td>
<td>52,700</td>
</tr>
<tr>
<td>180</td>
<td>48,500</td>
<td>48,500</td>
<td>48,500</td>
</tr>
<tr>
<td>190</td>
<td>44,800</td>
<td>44,800</td>
<td>44,800</td>
</tr>
<tr>
<td>200</td>
<td>31,700</td>
<td>31,700</td>
<td>31,700</td>
</tr>
<tr>
<td>210</td>
<td>29,300</td>
<td>29,300</td>
<td>29,300</td>
</tr>
<tr>
<td>220</td>
<td>27,700</td>
<td>27,700</td>
<td>27,700</td>
</tr>
<tr>
<td>230</td>
<td>26,100</td>
<td>26,100</td>
<td>26,100</td>
</tr>
<tr>
<td>240</td>
<td>24,500</td>
<td>24,500</td>
<td>24,500</td>
</tr>
<tr>
<td>250</td>
<td>23,000</td>
<td>23,000</td>
<td>23,000</td>
</tr>
<tr>
<td>260</td>
<td>21,500</td>
<td>21,500</td>
<td>21,500</td>
</tr>
<tr>
<td>270</td>
<td>20,000</td>
<td>20,000</td>
<td>20,000</td>
</tr>
<tr>
<td>280</td>
<td>18,500</td>
<td>18,500</td>
<td>18,500</td>
</tr>
<tr>
<td>290</td>
<td>17,000</td>
<td>17,000</td>
<td>17,000</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
### Luffing Jib Lifting Capacities

**Unit: lbs**

**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

#### 177ft (54m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Load</td>
<td>Load</td>
<td>Load</td>
<td>Load</td>
</tr>
<tr>
<td>Radius (ft)</td>
<td>Angle (deg.)</td>
<td>Boom</td>
<td>Angle (deg.)</td>
<td>Boom</td>
</tr>
<tr>
<td>66</td>
<td>50</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>66</td>
<td>55</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>66</td>
<td>60</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>66</td>
<td>65</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>70</td>
<td>110</td>
<td>99,800</td>
<td>98,900</td>
<td>98,900</td>
</tr>
<tr>
<td>70</td>
<td>75</td>
<td>161,200</td>
<td>160,200</td>
<td>153,500</td>
</tr>
<tr>
<td>70</td>
<td>80</td>
<td>148,700</td>
<td>147,600</td>
<td>146,900</td>
</tr>
<tr>
<td>70</td>
<td>85</td>
<td>137,700</td>
<td>136,600</td>
<td>136,000</td>
</tr>
<tr>
<td>70</td>
<td>90</td>
<td>128,400</td>
<td>127,300</td>
<td>126,600</td>
</tr>
<tr>
<td>70</td>
<td>95</td>
<td>120,000</td>
<td>118,900</td>
<td>118,200</td>
</tr>
<tr>
<td>70</td>
<td>100</td>
<td>112,600</td>
<td>111,500</td>
<td>110,800</td>
</tr>
<tr>
<td>70</td>
<td>110</td>
<td>99,800</td>
<td>98,900</td>
<td>98,900</td>
</tr>
<tr>
<td>70</td>
<td>120</td>
<td>73,000</td>
<td>88,700</td>
<td>87,800</td>
</tr>
<tr>
<td>70</td>
<td>130</td>
<td>65,700</td>
<td>80,000</td>
<td>63,900</td>
</tr>
<tr>
<td>70</td>
<td>140</td>
<td>59,400</td>
<td>57,700</td>
<td>71,600</td>
</tr>
<tr>
<td>70</td>
<td>150</td>
<td>54,200</td>
<td>52,500</td>
<td>65,300</td>
</tr>
<tr>
<td>70</td>
<td>160</td>
<td>37,800</td>
<td>48,000</td>
<td>32,500</td>
</tr>
<tr>
<td>70</td>
<td>170</td>
<td>27,400</td>
<td>29,700</td>
<td>39,200</td>
</tr>
<tr>
<td>70</td>
<td>180</td>
<td>21,600</td>
<td>23,400</td>
<td>34,600</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
# LIFTING CAPACITIES

## Luffing Jib Lifting Capacities

**Unit:** lbs

---

### 197ft (60m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
<td>Load Radius (ft)</td>
</tr>
<tr>
<td>50</td>
<td>86 76 66</td>
<td>86 76 66</td>
<td>86 76 66</td>
<td>86 76 66</td>
</tr>
<tr>
<td>55</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>60</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>65</td>
<td>85</td>
<td>85</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>70</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>75</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>85</td>
<td>105</td>
<td>105</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>90</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>95</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>100</td>
<td>130</td>
<td>130</td>
<td>130</td>
<td>130</td>
</tr>
<tr>
<td>105</td>
<td>140</td>
<td>140</td>
<td>140</td>
<td>140</td>
</tr>
<tr>
<td>110</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>115</td>
<td>160</td>
<td>160</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>120</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
</tr>
<tr>
<td>125</td>
<td>180</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>130</td>
<td>190</td>
<td>190</td>
<td>190</td>
<td>190</td>
</tr>
<tr>
<td>135</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>140</td>
<td>210</td>
<td>210</td>
<td>210</td>
<td>210</td>
</tr>
<tr>
<td>145</td>
<td>220</td>
<td>220</td>
<td>220</td>
<td>220</td>
</tr>
<tr>
<td>150</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>155</td>
<td>240</td>
<td>240</td>
<td>240</td>
<td>240</td>
</tr>
</tbody>
</table>

### Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

---

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
### Luffing Jib Lifting Capacities

**Unit:** lbs

**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

#### 217ft (66m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>65</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>65</td>
</tr>
<tr>
<td>70</td>
<td></td>
<td>156,300 *</td>
<td></td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>75</td>
<td></td>
<td>150,600 *</td>
<td></td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>80</td>
<td></td>
<td>140,700 *</td>
<td></td>
<td></td>
<td>80</td>
</tr>
<tr>
<td>85</td>
<td>131,700 *</td>
<td>131,000 *</td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>90</td>
<td>122,800 *</td>
<td>122,100 *</td>
<td></td>
<td></td>
<td>90</td>
</tr>
<tr>
<td>95</td>
<td>114,600 *</td>
<td>113,900 *</td>
<td>111,700 *</td>
<td></td>
<td>95</td>
</tr>
<tr>
<td>100</td>
<td>107,400 *</td>
<td>106,700 *</td>
<td>104,500 *</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>110</td>
<td>95,100 *</td>
<td>94,200 *</td>
<td>92,200 *</td>
<td></td>
<td>110</td>
</tr>
<tr>
<td>120</td>
<td>85,100 *</td>
<td>84,200 *</td>
<td>82,200 *</td>
<td></td>
<td>120</td>
</tr>
<tr>
<td>130</td>
<td>76,600 *</td>
<td>55,500</td>
<td>75,700 *</td>
<td></td>
<td>130</td>
</tr>
<tr>
<td>140</td>
<td>49,800</td>
<td>68,500</td>
<td>48,300</td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>150</td>
<td>44,900</td>
<td>62,200 *</td>
<td>43,600</td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>160</td>
<td>41,000</td>
<td>39,700</td>
<td>55,100 *</td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>170</td>
<td>37,500</td>
<td>36,100</td>
<td>50,600 *</td>
<td></td>
<td>170</td>
</tr>
<tr>
<td>180</td>
<td></td>
<td>19,700</td>
<td>32,900</td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>190</td>
<td></td>
<td>17,600</td>
<td>30,200</td>
<td></td>
<td>190</td>
</tr>
<tr>
<td>200</td>
<td></td>
<td>16,000</td>
<td>25,400</td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>210</td>
<td></td>
<td>14,500</td>
<td>23,300</td>
<td></td>
<td>210</td>
</tr>
<tr>
<td>220</td>
<td></td>
<td></td>
<td>19,900</td>
<td></td>
<td>220</td>
</tr>
<tr>
<td>230</td>
<td></td>
<td></td>
<td>220</td>
<td></td>
<td>230</td>
</tr>
<tr>
<td>240</td>
<td></td>
<td></td>
<td>240</td>
<td></td>
<td>240</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.

#### 197ft (60m) Jib

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td></td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>80</td>
<td></td>
<td></td>
<td>80</td>
</tr>
<tr>
<td>85</td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>90</td>
<td></td>
<td></td>
<td>90</td>
</tr>
<tr>
<td>95</td>
<td>103,900 *</td>
<td></td>
<td>95</td>
</tr>
<tr>
<td>100</td>
<td>101,200 *</td>
<td>89,200 *</td>
<td>100</td>
</tr>
<tr>
<td>110</td>
<td>90,700 *</td>
<td>84,800 *</td>
<td>110</td>
</tr>
<tr>
<td>120</td>
<td>80,800 *</td>
<td>77,800 *</td>
<td>120</td>
</tr>
<tr>
<td>130</td>
<td>72,100 *</td>
<td>70,200 *</td>
<td>130</td>
</tr>
<tr>
<td>140</td>
<td>64,700 *</td>
<td>63,000</td>
<td>140</td>
</tr>
<tr>
<td>150</td>
<td>58,500 *</td>
<td>56,700</td>
<td>150</td>
</tr>
<tr>
<td>160</td>
<td>53,400 *</td>
<td>51,400 *</td>
<td>160</td>
</tr>
<tr>
<td>170</td>
<td>48,700 *</td>
<td>30,900</td>
<td>170</td>
</tr>
<tr>
<td>180</td>
<td>44,500 *</td>
<td>27,800</td>
<td>180</td>
</tr>
<tr>
<td>190</td>
<td>40,800 *</td>
<td>24,900</td>
<td>190</td>
</tr>
<tr>
<td>200</td>
<td>37,600 *</td>
<td>22,600</td>
<td>200</td>
</tr>
<tr>
<td>210</td>
<td>34,800 *</td>
<td>20,400</td>
<td>210</td>
</tr>
<tr>
<td>220</td>
<td>18,500</td>
<td>16,300</td>
<td>220</td>
</tr>
<tr>
<td>230</td>
<td>16,700</td>
<td>14,700</td>
<td>230</td>
</tr>
<tr>
<td>240</td>
<td>15,100</td>
<td>13,000</td>
<td>240</td>
</tr>
<tr>
<td>250</td>
<td>13,800</td>
<td>11,500</td>
<td>250</td>
</tr>
<tr>
<td>260</td>
<td></td>
<td></td>
<td>260</td>
</tr>
<tr>
<td>270</td>
<td></td>
<td></td>
<td>270</td>
</tr>
<tr>
<td>280</td>
<td></td>
<td></td>
<td>280</td>
</tr>
<tr>
<td>290</td>
<td></td>
<td></td>
<td>290</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
# LIFTING CAPACITIES

## Luffing Jib Lifting Capacities

*Unit: lbs*

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

### 236ft (72m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
<td>76</td>
</tr>
<tr>
<td>55</td>
<td>122,600 *</td>
<td>121,400 *</td>
<td>86</td>
<td>107,300 *</td>
<td>111,700 *</td>
</tr>
<tr>
<td>60</td>
<td>94,900 *</td>
<td>106,400 *</td>
<td>105,300 *</td>
<td>910,000 *</td>
<td>93,300 *</td>
</tr>
<tr>
<td>65</td>
<td>100,900 *</td>
<td>94,100 *</td>
<td>93,300 *</td>
<td>93,300 *</td>
<td>86,900 *</td>
</tr>
<tr>
<td>70</td>
<td>107,300 *</td>
<td>79,900 *</td>
<td>78,800 *</td>
<td>78,800 *</td>
<td>100</td>
</tr>
<tr>
<td>75</td>
<td>114,700 *</td>
<td>71,600 *</td>
<td>71,200 *</td>
<td>71,200 *</td>
<td>120</td>
</tr>
<tr>
<td>80</td>
<td>122,600 *</td>
<td>64,200 *</td>
<td>64,200 *</td>
<td>64,200 *</td>
<td>130</td>
</tr>
<tr>
<td>85</td>
<td>107,300 *</td>
<td>46,600</td>
<td>45,200</td>
<td>45,200</td>
<td>140</td>
</tr>
<tr>
<td>90</td>
<td>94,900 *</td>
<td>58,000 *</td>
<td>58,100 *</td>
<td>58,100 *</td>
<td>150</td>
</tr>
<tr>
<td>95</td>
<td>100,900 *</td>
<td>52,300 *</td>
<td>52,700 *</td>
<td>52,700 *</td>
<td>160</td>
</tr>
<tr>
<td>100</td>
<td>94,100 *</td>
<td>38,100</td>
<td>48,100 *</td>
<td>48,100 *</td>
<td>170</td>
</tr>
<tr>
<td>105</td>
<td>100,900 *</td>
<td>34,700</td>
<td>43,600 *</td>
<td>43,600 *</td>
<td>180</td>
</tr>
<tr>
<td>110</td>
<td>114,700 *</td>
<td>27,800</td>
<td>28,100</td>
<td>28,100</td>
<td>190</td>
</tr>
<tr>
<td>115</td>
<td>122,600 *</td>
<td>20,600</td>
<td>23,200</td>
<td>23,200</td>
<td>200</td>
</tr>
<tr>
<td>120</td>
<td>107,300 *</td>
<td>21,200</td>
<td>19,900</td>
<td>19,900</td>
<td>210</td>
</tr>
<tr>
<td>125</td>
<td>94,900 *</td>
<td>21,200</td>
<td>18,100</td>
<td>18,100</td>
<td>220</td>
</tr>
<tr>
<td>130</td>
<td>100,900 *</td>
<td>21,200</td>
<td>16,900</td>
<td>16,900</td>
<td>230</td>
</tr>
<tr>
<td>135</td>
<td>114,700 *</td>
<td>21,200</td>
<td>14,500</td>
<td>14,500</td>
<td>240</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.

STD Luffing jib combination which is needed 22,050 lbs additional weights.
## Luffing Boom Arrangements for Crane

<table>
<thead>
<tr>
<th>Boom length ft (m)</th>
<th>Boom arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>98 (30)</td>
<td></td>
</tr>
<tr>
<td>118 (36)</td>
<td></td>
</tr>
<tr>
<td>138 (42)</td>
<td></td>
</tr>
<tr>
<td>157 (48)</td>
<td></td>
</tr>
<tr>
<td>177 (54)</td>
<td></td>
</tr>
<tr>
<td>197 (60)</td>
<td></td>
</tr>
<tr>
<td>217 (66)</td>
<td></td>
</tr>
<tr>
<td>236 (72)</td>
<td></td>
</tr>
<tr>
<td>256 (78)</td>
<td></td>
</tr>
<tr>
<td>276 (84)</td>
<td></td>
</tr>
</tbody>
</table>

### Symbol
- L:
- U:
- T:

### Remarks
- boom base
- tapered boom
- insert boom
- boom top

Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

## Luffing Boom Arrangements for Luffing

<table>
<thead>
<tr>
<th>Boom length ft (m)</th>
<th>Boom arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>98 (30)</td>
<td></td>
</tr>
<tr>
<td>118 (36)</td>
<td></td>
</tr>
<tr>
<td>138 (42)</td>
<td></td>
</tr>
<tr>
<td>157 (48)</td>
<td></td>
</tr>
<tr>
<td>177 (54)</td>
<td></td>
</tr>
<tr>
<td>197 (60)</td>
<td></td>
</tr>
<tr>
<td>217 (66)</td>
<td></td>
</tr>
<tr>
<td>236 (72)</td>
<td></td>
</tr>
<tr>
<td>256 (78)</td>
<td></td>
</tr>
<tr>
<td>276 (84)</td>
<td></td>
</tr>
</tbody>
</table>

### Symbol
- L:
- U:
- T:

### Remarks
- boom base
- tapered boom
- insert boom
- boom top

※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.
※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.
### Luffing Jib Arrangements

<table>
<thead>
<tr>
<th>Jib length ft (m)</th>
<th>Jib arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>79 (24)</td>
<td><img src="image1" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>98 (30)</td>
<td><img src="image2" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>118 (36)</td>
<td><img src="image3" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>138 (42)</td>
<td><img src="image4" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>157 (48)</td>
<td><img src="image5" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>177 (54)</td>
<td><img src="image6" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>197 (60)</td>
<td><img src="image7" alt="Jib Arrangement" /></td>
</tr>
<tr>
<td>217 (66)</td>
<td><img src="image8" alt="Jib Arrangement" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Jib Length</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>29.5ft (9.0 m)</td>
<td>Jib Base</td>
</tr>
<tr>
<td></td>
<td>19.7ft (6.0 m)</td>
<td>Luffing Insert Jib</td>
</tr>
<tr>
<td></td>
<td>39.4ft (12.0 m)</td>
<td>Luffing Insert Jib</td>
</tr>
<tr>
<td></td>
<td>29.5ft (9.0 m)</td>
<td>Jib Top</td>
</tr>
</tbody>
</table>

※ indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.
※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

### HL MAST

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Mast Length</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>29.5 ft (9.0 m)</td>
<td>HL Mast Base</td>
</tr>
<tr>
<td></td>
<td>39.4 ft (12.0 m)</td>
<td>HL Insert Mast</td>
</tr>
<tr>
<td></td>
<td>29.5 ft (9.0 m)</td>
<td>HL Mast Top</td>
</tr>
</tbody>
</table>

### SHL MAST

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Mast Length</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>29.5 ft (9.0 m)</td>
<td>HL Mast Base</td>
</tr>
<tr>
<td></td>
<td>39.4 ft (12.0 m)</td>
<td>HL Insert Mast</td>
</tr>
<tr>
<td></td>
<td>29.5 ft (9.0 m)</td>
<td>HL Mast Top</td>
</tr>
</tbody>
</table>
Luffing Jib

Boom Angle: 86°
(236 ft Boom / 256 ft Boom)
WORKING RANGES

Luffing Jib

Boom Angle: 76°
(236 ft Boom / 256 ft Boom)
Luffing Jib
Boom Angle: 66°
## Lifting Capacities

### Luffing Boom Lifting Capacities

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>Boom Angle (deg.)</th>
<th>Rated Load (lbs)</th>
<th>Load Radius (ft)</th>
<th>Boom Angle (deg.)</th>
<th>Rated Load (lbs)</th>
<th>Load Radius (ft)</th>
<th>Boom Angle (deg.)</th>
<th>Rated Load (lbs)</th>
<th>Load Radius (ft)</th>
<th>Boom Angle (deg.)</th>
<th>Rated Load (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.0</td>
<td>24.0</td>
<td>831,100 *</td>
<td>22.0</td>
<td>24.0</td>
<td>794,100 *</td>
<td>26.0</td>
<td>28.0</td>
<td>669,900 *</td>
<td>30.0</td>
<td>30.0</td>
<td>613,300 *</td>
</tr>
<tr>
<td>29.0</td>
<td>25.7</td>
<td>713,300 *</td>
<td>30.0</td>
<td>32.6</td>
<td>569,400 *</td>
<td>32.0</td>
<td>36.0</td>
<td>497,500 *</td>
<td>34.0</td>
<td>38.0</td>
<td>410,700 *</td>
</tr>
<tr>
<td>29.0</td>
<td>27.7</td>
<td>561,700 *</td>
<td>32.0</td>
<td>34.7</td>
<td>427,000 *</td>
<td>34.0</td>
<td>36.0</td>
<td>374,000 *</td>
<td>36.0</td>
<td>38.0</td>
<td>314,100 *</td>
</tr>
<tr>
<td>30.0</td>
<td>28.0</td>
<td>463,400 *</td>
<td>35.0</td>
<td>38.0</td>
<td>374,000 *</td>
<td>38.0</td>
<td>40.0</td>
<td>314,100 *</td>
<td>40.0</td>
<td>42.0</td>
<td>257,900 *</td>
</tr>
<tr>
<td>30.0</td>
<td>30.0</td>
<td>375,400 *</td>
<td>38.0</td>
<td>40.0</td>
<td>374,000 *</td>
<td>40.0</td>
<td>42.0</td>
<td>257,900 *</td>
<td>42.0</td>
<td>44.0</td>
<td>201,800 *</td>
</tr>
<tr>
<td>30.0</td>
<td>32.0</td>
<td>303,200 *</td>
<td>40.0</td>
<td>42.0</td>
<td>257,900 *</td>
<td>44.0</td>
<td>46.0</td>
<td>179,700 *</td>
<td>46.0</td>
<td>48.0</td>
<td>142,200 *</td>
</tr>
<tr>
<td>40.0</td>
<td>40.0</td>
<td>225,900 *</td>
<td>45.0</td>
<td>50.0</td>
<td>179,700 *</td>
<td>50.0</td>
<td>56.0</td>
<td>115,400 *</td>
<td>56.0</td>
<td>62.0</td>
<td>81,200 *</td>
</tr>
<tr>
<td>50.0</td>
<td>50.0</td>
<td>193,200 *</td>
<td>55.0</td>
<td>65.0</td>
<td>115,400 *</td>
<td>65.0</td>
<td>75.0</td>
<td>61,200 *</td>
<td>75.0</td>
<td>85.0</td>
<td>32,900 *</td>
</tr>
<tr>
<td>60.0</td>
<td>60.0</td>
<td>161,200 *</td>
<td>65.0</td>
<td>75.0</td>
<td>115,400 *</td>
<td>75.0</td>
<td>85.0</td>
<td>32,900 *</td>
<td>85.0</td>
<td>95.0</td>
<td>22,300 *</td>
</tr>
<tr>
<td>70.0</td>
<td>70.0</td>
<td>132,300 *</td>
<td>70.0</td>
<td>80.0</td>
<td>115,400 *</td>
<td>80.0</td>
<td>90.0</td>
<td>22,300 *</td>
<td>90.0</td>
<td>100.0</td>
<td>16,000 *</td>
</tr>
<tr>
<td>80.0</td>
<td>80.0</td>
<td>107,300 *</td>
<td>75.0</td>
<td>85.0</td>
<td>115,400 *</td>
<td>85.0</td>
<td>95.0</td>
<td>22,300 *</td>
<td>100.0</td>
<td>110.0</td>
<td>12,000 *</td>
</tr>
<tr>
<td>90.0</td>
<td>90.0</td>
<td>85,000 *</td>
<td>80.0</td>
<td>90.0</td>
<td>115,400 *</td>
<td>90.0</td>
<td>100.0</td>
<td>16,000 *</td>
<td>110.0</td>
<td>120.0</td>
<td>8,000 *</td>
</tr>
<tr>
<td>100.0</td>
<td>100.0</td>
<td>65,200 *</td>
<td>85.0</td>
<td>95.0</td>
<td>115,400 *</td>
<td>100.0</td>
<td>120.0</td>
<td>12,000 *</td>
<td>120.0</td>
<td>140.0</td>
<td>5,000 *</td>
</tr>
<tr>
<td>110.0</td>
<td>110.0</td>
<td>49,300 *</td>
<td>90.0</td>
<td>100.0</td>
<td>115,400 *</td>
<td>110.0</td>
<td>140.0</td>
<td>12,000 *</td>
<td>140.0</td>
<td>140.0</td>
<td>3,000 *</td>
</tr>
</tbody>
</table>

### Heavy Lift Mast Point Radius: 31.2 ft, 45.0 ft

- Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator’s cabin.

Loads enclosed in bold lines in the table require double-drum specifications.
### Luffing Boom Lifting Capacities

**Heavy Lift Mast Point Radius: 31.2 ft, 45.0 ft**

**Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs**

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>360° Rated Load (lbs)</th>
<th>Load Radius (ft)</th>
<th>360° Rated Load (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>260,000</td>
<td></td>
<td>330,000</td>
</tr>
<tr>
<td>45.9</td>
<td>81.9</td>
<td>59.1</td>
<td>244,700</td>
</tr>
<tr>
<td>50.0</td>
<td>81.0</td>
<td>60.0</td>
<td>239,500</td>
</tr>
<tr>
<td>55.0</td>
<td>79.8</td>
<td>65.0</td>
<td>218,800</td>
</tr>
<tr>
<td>60.0</td>
<td>78.7</td>
<td>70.0</td>
<td>196,300</td>
</tr>
<tr>
<td>65.0</td>
<td>77.5</td>
<td>75.0</td>
<td>176,000</td>
</tr>
<tr>
<td>70.0</td>
<td>76.4</td>
<td>80.0</td>
<td>158,500</td>
</tr>
<tr>
<td>75.0</td>
<td>75.2</td>
<td>85.0</td>
<td>143,600</td>
</tr>
<tr>
<td>80.0</td>
<td>74.0</td>
<td>90.0</td>
<td>130,900</td>
</tr>
<tr>
<td>85.0</td>
<td>72.9</td>
<td>95.0</td>
<td>119,600</td>
</tr>
<tr>
<td>90.0</td>
<td>71.7</td>
<td>100.0</td>
<td>109,500</td>
</tr>
<tr>
<td>95.0</td>
<td>70.5</td>
<td>110.0</td>
<td>92,900</td>
</tr>
<tr>
<td>100.0</td>
<td>69.3</td>
<td>120.0</td>
<td>79,200</td>
</tr>
<tr>
<td>110.0</td>
<td>66.9</td>
<td>130.0</td>
<td>68,100</td>
</tr>
<tr>
<td>120.0</td>
<td>64.4</td>
<td>140.0</td>
<td>58,600</td>
</tr>
<tr>
<td>130.0</td>
<td>61.9</td>
<td>150.0</td>
<td>50,100</td>
</tr>
<tr>
<td>140.0</td>
<td>59.3</td>
<td>160.0</td>
<td>42,600</td>
</tr>
<tr>
<td>150.0</td>
<td>56.6</td>
<td>170.0</td>
<td>36,300</td>
</tr>
<tr>
<td>160.0</td>
<td>53.8</td>
<td>180.0</td>
<td>31,000</td>
</tr>
<tr>
<td>170.0</td>
<td>51.0</td>
<td>190.0</td>
<td>26,300</td>
</tr>
<tr>
<td>180.0</td>
<td>48.0</td>
<td>200.0</td>
<td>22,200</td>
</tr>
<tr>
<td>190.0</td>
<td>44.8</td>
<td>210.0</td>
<td>18,700</td>
</tr>
<tr>
<td>200.0</td>
<td>41.5</td>
<td>217.0</td>
<td>17,000</td>
</tr>
<tr>
<td>210.0</td>
<td>37.9</td>
<td>23,100</td>
<td></td>
</tr>
<tr>
<td>220.0</td>
<td>34.0</td>
<td>20,500</td>
<td></td>
</tr>
<tr>
<td>229.0</td>
<td>30.1</td>
<td>18,700</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin. Loads enclosed in bold lines in the table require double-drum specifications.
## Lifting Capacities

### 98ft (30m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>79ft (24m) Jib</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>86</td>
<td>250,200 *</td>
<td>250,200 *</td>
<td>160,400</td>
<td>130,300 *</td>
<td>52.5</td>
</tr>
<tr>
<td>76</td>
<td>235,000</td>
<td>228,500 *</td>
<td>145,500 *</td>
<td>129,500 *</td>
<td>55</td>
</tr>
<tr>
<td>66</td>
<td>221,400 *</td>
<td>215,000 *</td>
<td>135,800 *</td>
<td>122,900 *</td>
<td>60</td>
</tr>
<tr>
<td>58</td>
<td>206,500 *</td>
<td>201,600 *</td>
<td>127,900 *</td>
<td>117,000 *</td>
<td>65</td>
</tr>
<tr>
<td>50</td>
<td>192,900 *</td>
<td>188,300 *</td>
<td>119,000 *</td>
<td>111,100 *</td>
<td>70</td>
</tr>
<tr>
<td>40</td>
<td>174,100 *</td>
<td>169,600 *</td>
<td>106,500 *</td>
<td>103,200 *</td>
<td>75</td>
</tr>
<tr>
<td>30</td>
<td>154,000 *</td>
<td>149,100 *</td>
<td>98,900 *</td>
<td>92,600 *</td>
<td>80</td>
</tr>
<tr>
<td>20</td>
<td>139,100 *</td>
<td>134,700 *</td>
<td>86,100 *</td>
<td>78,300 *</td>
<td>85</td>
</tr>
<tr>
<td>10</td>
<td>115,400 *</td>
<td>114,700 *</td>
<td>74,900 *</td>
<td>67,200 *</td>
<td>90</td>
</tr>
<tr>
<td>5</td>
<td>116,300 *</td>
<td>114,700 *</td>
<td>62,700 *</td>
<td>57,200 *</td>
<td>95</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
## Luffing Jib Lifting Capacities

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radius</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
</tr>
<tr>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
<td>76</td>
</tr>
<tr>
<td>50</td>
<td>243,800 *</td>
<td>219,100 *</td>
<td>197,300 *</td>
<td>179,500 *</td>
</tr>
<tr>
<td>55</td>
<td>229,800 *</td>
<td>219,100 *</td>
<td>193,400 *</td>
<td>164,800 *</td>
</tr>
<tr>
<td>60</td>
<td>215,800 *</td>
<td>210,400 *</td>
<td>205,000 *</td>
<td>177,400 *</td>
</tr>
<tr>
<td>65</td>
<td>199,700 *</td>
<td>197,300 *</td>
<td>180,700 *</td>
<td>171,900 *</td>
</tr>
<tr>
<td>70</td>
<td>183,100</td>
<td>182,000</td>
<td>166,600 *</td>
<td>164,800 *</td>
</tr>
<tr>
<td>75</td>
<td>168,800</td>
<td>167,900</td>
<td>144,100</td>
<td>143,300</td>
</tr>
<tr>
<td>80</td>
<td>156,900</td>
<td>156,000</td>
<td>134,400</td>
<td>134,400</td>
</tr>
<tr>
<td>85</td>
<td>146,300</td>
<td>145,400</td>
<td>124,900</td>
<td>124,900</td>
</tr>
<tr>
<td>90</td>
<td>136,600</td>
<td>136,000</td>
<td>119,200</td>
<td>119,000</td>
</tr>
<tr>
<td>95</td>
<td>126,400</td>
<td>126,400</td>
<td>110,400</td>
<td>110,400</td>
</tr>
<tr>
<td>100</td>
<td>118,100 *</td>
<td>112,000</td>
<td>104,800 *</td>
<td>104,800 *</td>
</tr>
<tr>
<td>110</td>
<td>104,800</td>
<td>99,000</td>
<td>97,900</td>
<td>97,900</td>
</tr>
<tr>
<td>120</td>
<td>90,600</td>
<td>81,700</td>
<td>79,600</td>
<td>79,600</td>
</tr>
<tr>
<td>130</td>
<td>74,200</td>
<td>69,000</td>
<td>67,300</td>
<td>67,300</td>
</tr>
<tr>
<td>140</td>
<td>67,800</td>
<td>60,900</td>
<td>59,700</td>
<td>59,700</td>
</tr>
<tr>
<td>150</td>
<td>61,000</td>
<td>53,700</td>
<td>47,500</td>
<td>47,500</td>
</tr>
<tr>
<td>160</td>
<td>56,600</td>
<td>49,700</td>
<td>42,900</td>
<td>42,900</td>
</tr>
<tr>
<td>170</td>
<td>51,000</td>
<td>44,900</td>
<td>39,400</td>
<td>39,400</td>
</tr>
<tr>
<td>180</td>
<td>47,500</td>
<td>39,400</td>
<td>36,300</td>
<td>36,300</td>
</tr>
<tr>
<td>200</td>
<td>42,400</td>
<td>36,300</td>
<td>31,400</td>
<td>31,400</td>
</tr>
<tr>
<td>210</td>
<td>38,600</td>
<td>29,400</td>
<td>24,900</td>
<td>24,900</td>
</tr>
<tr>
<td>220</td>
<td>35,300</td>
<td>27,000</td>
<td>22,600</td>
<td>22,600</td>
</tr>
<tr>
<td>230</td>
<td>32,000</td>
<td>25,800</td>
<td>20,800</td>
<td>20,800</td>
</tr>
<tr>
<td>240</td>
<td>29,600</td>
<td>23,500</td>
<td>18,300</td>
<td>18,300</td>
</tr>
<tr>
<td>250</td>
<td>26,400</td>
<td>19,800</td>
<td>15,300</td>
<td>15,300</td>
</tr>
<tr>
<td>260</td>
<td>24,400</td>
<td>17,700</td>
<td>13,500</td>
<td>13,500</td>
</tr>
<tr>
<td>270</td>
<td>22,600</td>
<td>15,700</td>
<td>11,700</td>
<td>11,700</td>
</tr>
<tr>
<td>280</td>
<td>20,900</td>
<td>14,100</td>
<td>10,100</td>
<td>10,100</td>
</tr>
<tr>
<td>290</td>
<td>19,400</td>
<td>12,700</td>
<td>9,300</td>
<td>9,300</td>
</tr>
</tbody>
</table>

### Notes:
- Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
- Please refer rated chart in operator’s cabin.

---

**Unit:** lbs

**Counterweight:** 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs
## Lifting Capacities

### Luffing Jib Lifting Capacities

**Unit: lbs**

Counterweight: 352,700 lbs, Carboy weight: 112,400 lbs, Crawler weight: 44,100 lbs

#### 138ft (42m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>51,900</td>
<td>47,900</td>
<td>44,600</td>
<td>41,700</td>
<td>50</td>
</tr>
<tr>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>55</td>
<td>39,100</td>
<td>35,600</td>
<td>32,700</td>
<td>30,500</td>
<td>60</td>
</tr>
<tr>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>65</td>
</tr>
<tr>
<td>49,700</td>
<td>39,400</td>
<td>36,400</td>
<td>33,400</td>
<td>31,500</td>
<td>70</td>
</tr>
<tr>
<td>48,800</td>
<td>49,000</td>
<td>46,700</td>
<td>43,700</td>
<td>41,700</td>
<td>75</td>
</tr>
<tr>
<td>48,100</td>
<td>48,800</td>
<td>46,400</td>
<td>43,400</td>
<td>41,400</td>
<td>80</td>
</tr>
<tr>
<td>47,500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>47,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>90</td>
</tr>
<tr>
<td>46,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>95</td>
</tr>
<tr>
<td>46,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>45,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>105</td>
</tr>
<tr>
<td>45,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>110</td>
</tr>
<tr>
<td>44,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>115</td>
</tr>
<tr>
<td>44,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>120</td>
</tr>
<tr>
<td>44,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>125</td>
</tr>
<tr>
<td>43,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>130</td>
</tr>
<tr>
<td>43,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>42,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>42,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>145</td>
</tr>
<tr>
<td>42,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>41,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>155</td>
</tr>
<tr>
<td>41,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>40,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>165</td>
</tr>
<tr>
<td>40,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>170</td>
</tr>
<tr>
<td>40,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>175</td>
</tr>
<tr>
<td>39,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>39,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>185</td>
</tr>
<tr>
<td>38,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>190</td>
</tr>
<tr>
<td>38,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>195</td>
</tr>
<tr>
<td>38,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>37,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>205</td>
</tr>
<tr>
<td>37,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>210</td>
</tr>
<tr>
<td>36,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>215</td>
</tr>
<tr>
<td>36,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>220</td>
</tr>
<tr>
<td>36,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>225</td>
</tr>
<tr>
<td>35,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>230</td>
</tr>
<tr>
<td>35,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>235</td>
</tr>
<tr>
<td>34,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>240</td>
</tr>
<tr>
<td>34,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>245</td>
</tr>
<tr>
<td>34,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>250</td>
</tr>
<tr>
<td>33,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>255</td>
</tr>
<tr>
<td>33,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>260</td>
</tr>
<tr>
<td>32,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>265</td>
</tr>
<tr>
<td>32,400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>270</td>
</tr>
<tr>
<td>32,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>275</td>
</tr>
<tr>
<td>31,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>280</td>
</tr>
<tr>
<td>31,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>285</td>
</tr>
<tr>
<td>30,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>290</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

157ft (48m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>98ft (30m) Jib</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radius (ft)</td>
<td>Load</td>
<td>Radius (ft)</td>
<td>Load</td>
<td>Radius (ft)</td>
</tr>
<tr>
<td>50</td>
<td>219,100 *</td>
<td>187,800 *</td>
<td>165,800</td>
<td>156,500 *</td>
</tr>
<tr>
<td>55</td>
<td>219,100 *</td>
<td>187,800 *</td>
<td>165,800</td>
<td>156,500 *</td>
</tr>
<tr>
<td>60</td>
<td>219,100 *</td>
<td>187,800 *</td>
<td>165,800</td>
<td>156,500 *</td>
</tr>
<tr>
<td>65</td>
<td>219,100 *</td>
<td>187,800 *</td>
<td>165,800</td>
<td>156,500 *</td>
</tr>
<tr>
<td>70</td>
<td>219,100 *</td>
<td>187,800 *</td>
<td>165,800</td>
<td>156,500 *</td>
</tr>
<tr>
<td>75</td>
<td>198,100</td>
<td>166,400</td>
<td>143,100</td>
<td>122,900</td>
</tr>
<tr>
<td>80</td>
<td>181,600</td>
<td>154,500</td>
<td>133,900</td>
<td>113,600</td>
</tr>
<tr>
<td>85</td>
<td>167,500</td>
<td>144,000</td>
<td>134,800</td>
<td>115,000</td>
</tr>
<tr>
<td>90</td>
<td>155,600</td>
<td>137,500</td>
<td>126,000</td>
<td>106,500</td>
</tr>
<tr>
<td>95</td>
<td>145,000</td>
<td>130,500</td>
<td>118,000</td>
<td>98,500</td>
</tr>
<tr>
<td>100</td>
<td>135,700</td>
<td>120,500</td>
<td>111,000</td>
<td>91,500</td>
</tr>
<tr>
<td>105</td>
<td>126,000</td>
<td>112,000</td>
<td>104,000</td>
<td>84,500</td>
</tr>
<tr>
<td>110</td>
<td>117,000</td>
<td>106,600</td>
<td>98,400</td>
<td>80,000</td>
</tr>
<tr>
<td>115</td>
<td>108,600</td>
<td>93,700</td>
<td>90,000</td>
<td>73,000</td>
</tr>
<tr>
<td>120</td>
<td>94,800</td>
<td>84,400</td>
<td>76,800</td>
<td>69,000</td>
</tr>
<tr>
<td>125</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>130</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>135</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>140</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>145</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>150</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>155</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>160</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>165</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>170</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>175</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>180</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>185</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>190</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>195</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>200</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>205</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>210</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>215</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>220</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>225</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>230</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>235</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>240</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
<tr>
<td>245</td>
<td>86,000</td>
<td>76,000</td>
<td>70,000</td>
<td>62,000</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

177ft (54m) Jib

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>177ft (54m) Jib</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radius (ft)</td>
<td>Load</td>
<td>Radius (ft)</td>
<td>Load</td>
</tr>
<tr>
<td>75</td>
<td>155,800</td>
<td>133,600</td>
<td>116,300</td>
</tr>
<tr>
<td>80</td>
<td>152,900</td>
<td>126,500</td>
<td>112,000</td>
</tr>
<tr>
<td>85</td>
<td>147,000</td>
<td>120,500</td>
<td>107,900</td>
</tr>
<tr>
<td>90</td>
<td>139,700</td>
<td>114,500</td>
<td>103,900</td>
</tr>
<tr>
<td>95</td>
<td>131,700</td>
<td>103,000</td>
<td>96,600</td>
</tr>
<tr>
<td>100</td>
<td>123,700</td>
<td>92,400</td>
<td>89,600</td>
</tr>
<tr>
<td>105</td>
<td>116,100</td>
<td>82,500</td>
<td>76,700</td>
</tr>
<tr>
<td>110</td>
<td>103,600</td>
<td>74,200</td>
<td>66,700</td>
</tr>
<tr>
<td>115</td>
<td>93,000</td>
<td>67,700</td>
<td>59,400</td>
</tr>
<tr>
<td>120</td>
<td>83,500 *</td>
<td>72,900 *</td>
<td>66,100 *</td>
</tr>
<tr>
<td>125</td>
<td>74,400 *</td>
<td>66,700</td>
<td>59,400</td>
</tr>
<tr>
<td>130</td>
<td>67,000 *</td>
<td>66,700</td>
<td>59,400</td>
</tr>
<tr>
<td>135</td>
<td>60,500 *</td>
<td>66,700</td>
<td>59,400</td>
</tr>
<tr>
<td>140</td>
<td>54,700 *</td>
<td>52,000 *</td>
<td>53,300 *</td>
</tr>
<tr>
<td>145</td>
<td>49,700 *</td>
<td>48,100 *</td>
<td>47,900 *</td>
</tr>
<tr>
<td>150</td>
<td>44,700</td>
<td>36,400</td>
<td>43,100</td>
</tr>
<tr>
<td>155</td>
<td>31,400</td>
<td>29,400</td>
<td>27,400</td>
</tr>
<tr>
<td>160</td>
<td>27,600</td>
<td>25,400</td>
<td>23,600</td>
</tr>
<tr>
<td>165</td>
<td>23,000</td>
<td>20,700</td>
<td>17,900</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.
### Lifting Capacities

#### Luffing Jib Lifting Capacities

**Unit: lbs**

**Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs**

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>177ft (54m) Jib</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
<th>Load Radius (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>98ft (30m) Jib</td>
<td>118ft (36m) Jib</td>
<td>138ft (42m) Jib</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td>Boom Angle (deg.)</td>
<td></td>
</tr>
<tr>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>55</td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>65</td>
<td></td>
<td></td>
<td></td>
<td>65</td>
</tr>
<tr>
<td>70</td>
<td></td>
<td></td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>75</td>
<td>187,800 *</td>
<td>187,800 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>80</td>
<td>180,500</td>
<td>179,600</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>85</td>
<td>166,600</td>
<td>165,500</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>90</td>
<td>154,700</td>
<td>153,600</td>
<td>150,600</td>
<td>150,200</td>
</tr>
<tr>
<td>95</td>
<td>144,100</td>
<td>143,100</td>
<td>142,200</td>
<td>141,500</td>
</tr>
<tr>
<td>100</td>
<td>134,800</td>
<td>133,100</td>
<td>132,400</td>
<td>130,900</td>
</tr>
<tr>
<td>105</td>
<td>119,200</td>
<td>118,300</td>
<td>117,400</td>
<td>116,800</td>
</tr>
<tr>
<td>120</td>
<td></td>
<td></td>
<td></td>
<td>120</td>
</tr>
<tr>
<td>130</td>
<td>92,800</td>
<td>105,800</td>
<td>104,900</td>
<td>104,300</td>
</tr>
<tr>
<td>140</td>
<td></td>
<td></td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>150</td>
<td></td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>160</td>
<td></td>
<td></td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>170</td>
<td></td>
<td></td>
<td></td>
<td>170</td>
</tr>
<tr>
<td>180</td>
<td></td>
<td></td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>190</td>
<td></td>
<td></td>
<td></td>
<td>190</td>
</tr>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>210</td>
<td></td>
<td></td>
<td></td>
<td>210</td>
</tr>
<tr>
<td>220</td>
<td></td>
<td></td>
<td></td>
<td>220</td>
</tr>
<tr>
<td>230</td>
<td></td>
<td></td>
<td></td>
<td>230</td>
</tr>
<tr>
<td>240</td>
<td></td>
<td></td>
<td></td>
<td>240</td>
</tr>
<tr>
<td>reeves</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

#### Note:
Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
### Luffing Jib Lifting Capacities

**Unit:** lbs

Countertweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

#### 197ft (60m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib Load</th>
<th>138ft (42m) Jib Load</th>
<th>157ft (48m) Jib Load</th>
<th>177ft (54m) Jib Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
</tr>
<tr>
<td>55</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>150,000 *</td>
</tr>
<tr>
<td>60</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>149,500 *</td>
</tr>
<tr>
<td>65</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>140,700 *</td>
</tr>
<tr>
<td>70</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>125,200 *</td>
</tr>
<tr>
<td>75</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>156,500 *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>150,000 *</td>
<td>141,300 *</td>
<td>140,700 *</td>
<td>125,200 *</td>
</tr>
<tr>
<td>95</td>
<td>142,200 *</td>
<td>131,600 *</td>
<td>123,700 *</td>
<td>114,300 *</td>
</tr>
<tr>
<td>100</td>
<td>133,100 *</td>
<td>121,600 *</td>
<td>114,300 *</td>
<td>92,000 *</td>
</tr>
<tr>
<td>105</td>
<td>105,100 *</td>
<td>89,300 *</td>
<td>76,000 *</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>94,600 *</td>
<td>79,100 *</td>
<td>64,000 *</td>
<td></td>
</tr>
<tr>
<td>115</td>
<td>86,700 *</td>
<td>71,500 *</td>
<td>60,000 *</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>75,400 *</td>
<td>61,100 *</td>
<td>50,000 *</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>65,400 *</td>
<td>50,100 *</td>
<td>40,000 *</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>57,600 *</td>
<td>40,000 *</td>
<td>30,000 *</td>
<td></td>
</tr>
<tr>
<td>135</td>
<td>50,400 *</td>
<td>30,000 *</td>
<td>20,000 *</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>44,400 *</td>
<td>20,000 *</td>
<td>10,000 *</td>
<td></td>
</tr>
<tr>
<td>145</td>
<td>39,600 *</td>
<td>10,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>35,800 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>155</td>
<td>31,000 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>27,100 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>165</td>
<td>23,400 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>20,600 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175</td>
<td>17,900 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>15,500 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>185</td>
<td>13,200 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>11,100 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>195</td>
<td>9,200 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>7,500 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>205</td>
<td>6,000 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>4,600 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>215</td>
<td>3,400 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>2,400 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>225</td>
<td>1,500 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>1,000 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>235</td>
<td>750 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>550 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>245</td>
<td>400 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>300 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>255</td>
<td>250 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>260</td>
<td>250 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>265</td>
<td>150 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>270</td>
<td>100 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>275</td>
<td>50 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>50 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>285</td>
<td>25 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>25 *</td>
<td>5,000 *</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
# LIFTING CAPACITIES

## Luffing Jib Lifting Capacities

**Unit:** lbs  
**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

### 217ft (66m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Load Radius (ft)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>86</td>
<td>76</td>
<td>66</td>
<td>86</td>
</tr>
<tr>
<td>55</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>60</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>65</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>70</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>75</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>156,500 *</td>
<td>125,200 *</td>
</tr>
<tr>
<td>80</td>
<td>156,500 *</td>
<td>149,400 *</td>
<td>125,200 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>85</td>
<td>156,500 *</td>
<td>140,400</td>
<td>125,200 *</td>
<td>156,500 *</td>
</tr>
<tr>
<td>90</td>
<td>150,000 *</td>
<td>131,300</td>
<td>123,700</td>
<td>123,600</td>
</tr>
<tr>
<td>95</td>
<td>141,300 *</td>
<td>114,300</td>
<td>113,500</td>
<td>110</td>
</tr>
<tr>
<td>100</td>
<td>132,200</td>
<td>102,900</td>
<td>96,400</td>
<td>100</td>
</tr>
<tr>
<td>105</td>
<td>125,200</td>
<td>92,500</td>
<td>83,600</td>
<td>95</td>
</tr>
<tr>
<td>110</td>
<td>118,600</td>
<td>83,600</td>
<td>76,000</td>
<td>90</td>
</tr>
<tr>
<td>115</td>
<td>112,400</td>
<td>75,400</td>
<td>69,500</td>
<td>85</td>
</tr>
<tr>
<td>120</td>
<td>107,700</td>
<td>68,700</td>
<td>63,500</td>
<td>80</td>
</tr>
<tr>
<td>125</td>
<td>102,900</td>
<td>62,700</td>
<td>58,200</td>
<td>75</td>
</tr>
<tr>
<td>130</td>
<td>98,100</td>
<td>56,400</td>
<td>53,000</td>
<td>70</td>
</tr>
<tr>
<td>135</td>
<td>93,800</td>
<td>51,900</td>
<td>49,700</td>
<td>65</td>
</tr>
<tr>
<td>140</td>
<td>89,500</td>
<td>47,900</td>
<td>45,700</td>
<td>60</td>
</tr>
<tr>
<td>145</td>
<td>85,300</td>
<td>44,400</td>
<td>42,200</td>
<td>55</td>
</tr>
<tr>
<td>150</td>
<td>81,200</td>
<td>41,300</td>
<td>39,300</td>
<td>50</td>
</tr>
<tr>
<td>155</td>
<td>77,300</td>
<td>38,200</td>
<td>36,500</td>
<td>45</td>
</tr>
<tr>
<td>160</td>
<td>73,500</td>
<td>35,400</td>
<td>34,000</td>
<td>40</td>
</tr>
<tr>
<td>165</td>
<td>69,800</td>
<td>32,900</td>
<td>32,000</td>
<td>35</td>
</tr>
<tr>
<td>170</td>
<td>66,200</td>
<td>30,700</td>
<td>31,200</td>
<td>30</td>
</tr>
<tr>
<td>175</td>
<td>62,700</td>
<td>28,700</td>
<td>29,200</td>
<td>25</td>
</tr>
<tr>
<td>180</td>
<td>59,300</td>
<td>26,700</td>
<td>29,900</td>
<td>20</td>
</tr>
<tr>
<td>185</td>
<td>56,100</td>
<td>24,700</td>
<td>28,500</td>
<td>15</td>
</tr>
<tr>
<td>190</td>
<td>53,000</td>
<td>22,900</td>
<td>27,400</td>
<td>10</td>
</tr>
<tr>
<td>195</td>
<td>49,900</td>
<td>21,100</td>
<td>25,900</td>
<td>5</td>
</tr>
<tr>
<td>200</td>
<td>46,900</td>
<td>19,600</td>
<td>24,200</td>
<td>0</td>
</tr>
<tr>
<td>205</td>
<td>44,000</td>
<td>17,600</td>
<td>22,400</td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>41,300</td>
<td>15,300</td>
<td>20,600</td>
<td></td>
</tr>
<tr>
<td>215</td>
<td>38,700</td>
<td>13,100</td>
<td>18,800</td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>36,200</td>
<td>11,000</td>
<td>17,100</td>
<td></td>
</tr>
<tr>
<td>225</td>
<td>33,900</td>
<td>8,900</td>
<td>15,400</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>31,600</td>
<td>6,800</td>
<td>13,700</td>
<td></td>
</tr>
<tr>
<td>235</td>
<td>29,500</td>
<td>4,700</td>
<td>12,000</td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>27,500</td>
<td>2,600</td>
<td>10,300</td>
<td></td>
</tr>
<tr>
<td>245</td>
<td>25,600</td>
<td>0</td>
<td>8,600</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.
## Luffing Jib Lifting Capacities

**Unit:** lbs

**Counterweight:** 352,700 lbs, **Carbody weight:** 112,400 lbs, **Crawler weight:** 44,100 lbs

### 236ft (72m) Boom

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>156,500 *</td>
<td></td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>60</td>
<td>154,700 *</td>
<td></td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>65</td>
<td>147,400 *</td>
<td></td>
<td></td>
<td>65</td>
</tr>
<tr>
<td>70</td>
<td>139,600 *</td>
<td></td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>75</td>
<td>124,900 *</td>
<td></td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>80</td>
<td>120,000 *</td>
<td></td>
<td></td>
<td>80</td>
</tr>
<tr>
<td>85</td>
<td>112,000 *</td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>90</td>
<td>109,000 *</td>
<td></td>
<td></td>
<td>90</td>
</tr>
<tr>
<td>95</td>
<td>105,000 *</td>
<td></td>
<td></td>
<td>95</td>
</tr>
<tr>
<td>100</td>
<td>98,700 *</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>105</td>
<td>94,000 *</td>
<td></td>
<td></td>
<td>105</td>
</tr>
<tr>
<td>110</td>
<td>90,700 *</td>
<td></td>
<td></td>
<td>110</td>
</tr>
<tr>
<td>115</td>
<td>85,000 *</td>
<td></td>
<td></td>
<td>115</td>
</tr>
<tr>
<td>120</td>
<td>80,000 *</td>
<td></td>
<td></td>
<td>120</td>
</tr>
<tr>
<td>125</td>
<td>75,000 *</td>
<td></td>
<td></td>
<td>125</td>
</tr>
<tr>
<td>130</td>
<td>70,000 *</td>
<td></td>
<td></td>
<td>130</td>
</tr>
<tr>
<td>135</td>
<td>65,000 *</td>
<td></td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>140</td>
<td>60,000 *</td>
<td></td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>145</td>
<td>55,000 *</td>
<td></td>
<td></td>
<td>145</td>
</tr>
<tr>
<td>150</td>
<td>50,000 *</td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>155</td>
<td>45,000 *</td>
<td></td>
<td></td>
<td>155</td>
</tr>
<tr>
<td>160</td>
<td>40,000 *</td>
<td></td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>165</td>
<td>35,000 *</td>
<td></td>
<td></td>
<td>165</td>
</tr>
<tr>
<td>170</td>
<td>30,000 *</td>
<td></td>
<td></td>
<td>170</td>
</tr>
<tr>
<td>175</td>
<td>25,000 *</td>
<td></td>
<td></td>
<td>175</td>
</tr>
<tr>
<td>180</td>
<td>20,000 *</td>
<td></td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>185</td>
<td>15,000 *</td>
<td></td>
<td></td>
<td>185</td>
</tr>
<tr>
<td>190</td>
<td>10,000 *</td>
<td></td>
<td></td>
<td>190</td>
</tr>
<tr>
<td>195</td>
<td>5,000 *</td>
<td></td>
<td></td>
<td>195</td>
</tr>
</tbody>
</table>

### 197ft (60m) Jib

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>197ft (60m) Jib</th>
<th>217ft (66m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>93,900 *</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>93,900 *</td>
<td>90,200 *</td>
</tr>
<tr>
<td>105</td>
<td>93,900 *</td>
<td>88,000 *</td>
</tr>
<tr>
<td>110</td>
<td>93,900 *</td>
<td>84,700 *</td>
</tr>
<tr>
<td>115</td>
<td>93,900 *</td>
<td>80,400 *</td>
</tr>
<tr>
<td>120</td>
<td>93,900 *</td>
<td>75,400 *</td>
</tr>
<tr>
<td>125</td>
<td>93,900 *</td>
<td>70,700 *</td>
</tr>
<tr>
<td>130</td>
<td>93,900 *</td>
<td>65,900 *</td>
</tr>
<tr>
<td>135</td>
<td>93,900 *</td>
<td>60,800 *</td>
</tr>
<tr>
<td>140</td>
<td>93,900 *</td>
<td>55,400 *</td>
</tr>
<tr>
<td>145</td>
<td>93,900 *</td>
<td>50,200 *</td>
</tr>
<tr>
<td>150</td>
<td>93,900 *</td>
<td>45,100 *</td>
</tr>
<tr>
<td>155</td>
<td>93,900 *</td>
<td>40,200 *</td>
</tr>
<tr>
<td>160</td>
<td>93,900 *</td>
<td>35,900 *</td>
</tr>
<tr>
<td>165</td>
<td>93,900 *</td>
<td>31,900 *</td>
</tr>
<tr>
<td>170</td>
<td>93,900 *</td>
<td>27,960 *</td>
</tr>
<tr>
<td>175</td>
<td>93,900 *</td>
<td>23,400 *</td>
</tr>
<tr>
<td>180</td>
<td>93,900 *</td>
<td>19,900 *</td>
</tr>
<tr>
<td>185</td>
<td>93,900 *</td>
<td>16,600 *</td>
</tr>
<tr>
<td>190</td>
<td>93,900 *</td>
<td>13,500 *</td>
</tr>
<tr>
<td>195</td>
<td>93,900 *</td>
<td>10,500 *</td>
</tr>
<tr>
<td>200</td>
<td>93,900 *</td>
<td>7,600 *</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator’s cabin.
### Lifting Capacities

#### Luffing Jib Lifting Capacities

**Unit: lbs**

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>256ft (78m) Boom</th>
<th>118ft (36m) Jib</th>
<th>138ft (42m) Jib</th>
<th>157ft (48m) Jib</th>
<th>177ft (54m) Jib</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td></td>
<td>125,200 *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td></td>
<td>124,100 *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td></td>
<td>119,900 *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70</td>
<td></td>
<td>113,500 *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>107,200 *</td>
<td>101,200 *</td>
<td>90,700 *</td>
<td>81,500 *</td>
<td>73,200 *</td>
</tr>
<tr>
<td>80</td>
<td>101,800 *</td>
<td>100,800 *</td>
<td>90,600 *</td>
<td>81,800 *</td>
<td>73,900 *</td>
</tr>
<tr>
<td>85</td>
<td>104,000 *</td>
<td>108,400 *</td>
<td>91,000 *</td>
<td>81,500 *</td>
<td>73,900 *</td>
</tr>
<tr>
<td>90</td>
<td>93,900 *</td>
<td>112,600 *</td>
<td>99,800 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>95</td>
<td>93,900 *</td>
<td>118,900 *</td>
<td>99,800 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>100</td>
<td>88,400 *</td>
<td>104,000 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>110</td>
<td>86,400 *</td>
<td>93,900 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>120</td>
<td>80,100 *</td>
<td>88,400 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>130</td>
<td>73,800 *</td>
<td>73,800 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>140</td>
<td>67,000 *</td>
<td>67,000 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>150</td>
<td>60,900 *</td>
<td>60,900 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>160</td>
<td>55,200 *</td>
<td>55,200 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>170</td>
<td>50,400 *</td>
<td>50,400 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>180</td>
<td>44,900 *</td>
<td>44,900 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>190</td>
<td>42,000 *</td>
<td>42,000 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>200</td>
<td>38,200 *</td>
<td>38,200 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>210</td>
<td>34,500 *</td>
<td>34,500 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>220</td>
<td>32,600 *</td>
<td>32,600 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>230</td>
<td>30,400 *</td>
<td>30,400 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>240</td>
<td>28,400 *</td>
<td>28,400 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
<tr>
<td>250</td>
<td>26,400 *</td>
<td>26,400 *</td>
<td>90,100 *</td>
<td>93,100 *</td>
<td>80,600 *</td>
</tr>
</tbody>
</table>

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.