

TECHNICAL TIPS

CRANES

Type of Tip:

HC275 Main & Aux. Rope Charts

Necessary Tools:

None Required

Applicable Models:

HC275

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Basic Safety Rules



Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - The manufacturer's instructions and safety rules
 - Employer safety rules and workplace regulations
 - Applicable government regulations

- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

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HC275 Boom Main & Aux. Rope Charts

LOAD LINE ROPE LENGTHS

1 1/8" Dia. EEIPS 143,000 LBS. MIN. BREAKING STRENGTH

TOTAL OF BOOM & JIB LENGTH	ROPE LENGTHS AND CORRESPONDING PARTS OF LINE (FEET)												
	1	2	3	4	5	6	7	8	9	10	11	12	14
65	160	235	310	385	460	535	610	685	760	835	910	985	1060
70	170	250	330	410	490	570	650	730	810	890	970	1050	1140
80	190	280	370	460	550	640	730	820	910	1000	1090	1180	
90	210	310	410	510	610	710	810	910	1010	1110	1210		
100	230	340	450	560	670	780	890	1000	1110	1220			
110	250	370	490	610	730	850	970	1090	1210	1330			
120	270	400	530	660	790	920	1050	1180	1310				
130	290	430	570	710	850	990	1130	1270					
140	310	460	610	760	910	1060	1210	1360					
150	330	490	650	810	970	1130	1290						
160	350	520	690	860	1030	1200	1370						
170	370	550	730	910	1090	1270							
180	390	580	770	960	1150	1340							
190	410	610	810	1010	1210								
200	430	640	850	1060	1270								
210	450	670	890	1110	1330								
220	470	700	930	1160									
230	490	730	970	1210									
240	510	760	1010	1260									
250	530	790	1050										
260	550	820	1090										
270	570	850	1130										
280	590	880	1170										
290	610	910	1210										
300	630	940											