

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:30:35

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22136312_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 26.9 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 13.5 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -13.5 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 13.5 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -13.5 ft

Main Boom

Length of main boom = 40.7 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 152.1 kip

Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0- 0 Degr.
[ft] [kip] 1(0)
 A B C D A B C D A B C D
9.8 324.1 185 185 116 116
 0.00 0.00
185
11.5 323.0 195 195 106 106
 0.00 0.00
195
13.1 299.8 193 193 96 96
 0.00 0.00
193
14.8 280.0 192 192 88 88
 0.00 0.00
192
16.4 262.3 191 191 80 80
 0.00 0.00
191
19.7 230.4 187 187 67 67
 0.00 0.00
187
23.0 203.3 183 183 58 58
 0.00 0.00
183
26.2 175.7 176 176 51 51
 0.00 0.00
176
29.5 142.6 161 161 50 50

0.00 0.00

161

HA= 40.7 HI= 0.0 GGW= 152.1 SL= 0.0 MAX(A,B,C,D)= 18.1 18.1 10.8 10.8

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Outrigger "C" X = -15.7 ft	Outrigger "C" Y = 13.5 ft
Outrigger "D" X = -15.7 ft	Outrigger "D" Y = -13.5 ft

Main Boom

Length of main boom = 40.7 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 132.1 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0- 0 Degr.			
	1(0)											
	A	B	C	D	A	B	C	D	A	B	C	D
9.8 324.1	184	184	107	107								
	0.00	0.00										
184												
11.5 323.0	194	194	97	97								
	0.00	0.00										
194												
13.1 299.8	192	192	87	87								
	0.00	0.00										
192												
14.8 280.0	191	191	78	78								
	0.00	0.00										
191												
16.4 262.3	190	190	71	71								
	0.00	0.00										
190												
19.7 230.4	186	186	58	58								
	0.00	0.00										
186												
23.0 200.0	180	180	49	49								
	0.00	0.00										

180

26.2 174.6 174 174 43 43
0.00 0.00

174

29.5 142.6 160 160 41 41
0.00 0.00

160

HA= 40.7 HI= 0.0 GGW= 132.1 SL= 0.0 MAX(A,B,C,D)= 18.0 18.0 10.0 10.0

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Outrigger "C" X = -15.7 ft Outrigger "C" Y = 13.5 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -13.5 ft

Main Boom

Length of main boom = 40.7 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 95.7 kip

Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0- 0 Degr.
[ft] [kip] 1(0)
 A B C D A B C D A B C D
9.8 324.1 182 182 91 91
 0.00 0.00
182
11.5 323.0 192 192 81 81
 0.00 0.00
192
13.1 299.8 190 190 71 71
 0.00 0.00
190
14.8 280.0 189 189 62 62
 0.00 0.00
189
16.4 261.2 187 187 55 55
 0.00 0.00
187
19.7 219.4 177 177 44 44
 0.00 0.00

177
23.0 188.1 170 170 35 35
0.00 0.00

170
26.2 164.0 164 164 29 29
0.00 0.00

164
29.5 142.6 158 158 25 25
0.00 0.00

158

HA= 40.7 HI= 0.0 GGW= 95.7 SL= 0.0 MAX(A,B,C,D)= 17.8 17.8 8.5 8.5

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Outrigger "D" X = -15.7 ft Outrigger "D" Y = -13.5 ft

Main Boom

Length of main boom = 40.7 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 88.6 kip

Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0- 0 Degr.
[ft] [kip] 1(0)
 A B C D A B C D A B C D

9.8 324.1 182 182 88 88
0.00 0.00

182
11.5 323.0 192 192 78 78
0.00 0.00

192
13.1 299.8 190 190 68 68
0.00 0.00

190
14.8 280.0 188 188 59 59
0.00 0.00

188
16.4 257.9 185 185 52 52

0.00 0.00

185

19.7 216.5 175 175 41 41

0.00 0.00

175

23.0 185.4 167 167 33 33

0.00 0.00

167

26.2 160.7 161 161 27 27

0.00 0.00

161

29.5 139.8 155 155 22 22

0.00 0.00

155

HA= 40.7 HI= 0.0 GGW= 88.6 SL= 0.0 MAX(A,B,C,D)= 17.8 17.8 8.2 8.2

ZUSAMMENFASSUNG:

HA= 40.7 HI= 0.0 GGW= 152.1 SL= 0.0 MAX(A,B,C,D)= 18.1 18.1 10.8 10.8

HA= 40.7 HI= 0.0 GGW= 132.1 SL= 0.0 MAX(A,B,C,D)= 18.0 18.0 10.0 10.0

HA= 40.7 HI= 0.0 GGW= 95.7 SL= 0.0 MAX(A,B,C,D)= 17.8 17.8 8.5 8.5

HA= 40.7 HI= 0.0 GGW= 88.6 SL= 0.0 MAX(A,B,C,D)= 17.8 17.8 8.2 8.2

MAX(A,B,C,D)= 18.1 18.1 10.8 10.8