

TOTAL RATED LOADS

(1) With outriggers set
 [BOOM]

Unit:ton

Outriggers fully extended (4.5m)							-360 °-
B \ A	5.2m	8.8m	12.4m	16.0m	19.6m	23.2m	
1.0m	10.00(4.90)	4.90					
1.5m	10.00(4.90)	4.90	4.90				
2.0m	10.00(4.90)	4.90	4.90	4.00			
2.5m	10.00(4.90)	4.90	4.90	4.00	3.50		
3.0m	8.00(4.90)	4.90	4.90	4.00	3.50	2.00	
3.5m	6.10(4.90)	4.90	4.90	4.00	3.50	2.00	
4.0m	5.40(4.90)	4.90	4.90	4.00	3.50	2.00	
4.5m	(3.9m)	4.60	4.20	4.00	3.50	2.00	
5.0m		4.20	3.80	3.55	3.15	2.00	
5.5m		3.80	3.45	3.15	2.90	2.00	
6.0m		3.35	3.15	2.85	2.70	2.00	
7.0m		2.75	2.65	2.38	2.30	1.80	
8.0m		2.45(7.5m)	2.20	2.00	1.95	1.60	
9.0m			1.75	1.75	1.70	1.45	
10.0m			1.38	1.55	1.50	1.30	
11.0m			1.10	1.30	1.33	1.20	
12.0m				1.08	1.13	1.10	
13.0m				0.90	0.97	1.00	
14.0m				0.75	0.83	0.86	
15.0m				0.65(14.7m)	0.70	0.75	
16.0m					0.60	0.66	
17.0m					0.50	0.57	
18.0m					0.42	0.50	
19.0m					0.40(18.3m)	0.42	
20.0m						0.35	
21.9m						0.26	
a (°)	0 ~ 82						

A= Boom length B= Working radius
 a= Boom angle range (for the unladen condition)

[BOOM]

Unit:ton

Outriggers middle extended (3.5m) -Over sides-						
A \ B	5.2m	8.8m	12.4m	16.0m	19.6m	23.2m
1.0m	10.00(4.90)	4.90				
1.5m	10.00(4.90)	4.90	4.90			
2.0m	10.00(4.90)	4.90	4.90	4.00		
2.5m	10.00(4.90)	4.90	4.90	4.00	3.50	
3.0m	8.00(4.90)	4.90	4.90	4.00	3.50	2.00
3.5m	6.10(4.90)	4.90	4.90	4.00	3.50	2.00
4.0m	5.40(4.90)	4.90	4.90	4.00	3.50	2.00
4.5m	(3.9m)	4.55	4.20	4.00	3.50	2.00
5.0m		3.75	3.65	3.40	3.15	2.00
5.5m		3.10	3.00	3.00	2.90	2.00
6.0m		2.60	2.55	2.60	2.70	2.00
7.0m		1.90	1.85	2.00	2.15	1.80
8.0m		1.60(7.5m)	1.35	1.55	1.70	1.60
9.0m			1.00	1.20	1.35	1.40
10.0m			0.75	0.95	1.08	1.13
11.0m			0.55	0.73	0.87	0.93
12.0m				0.56	0.70	0.76
13.0m				0.43	0.55	0.62
14.0m				0.33	0.43	0.51
15.0m				0.27(14.7m)	0.35	0.42
16.0m					0.25	0.33
17.0m					0.18	0.25
18.0m						0.19
a (°)	0 ~ 82				3 ~ 82	25 ~ 82

A= Boom length B= Working radius
a= Boom angle range (for the unladen condition)

[JIB]

Outriggers fully extended (4.5m) -360 °-						
C		23.2m Boom + 2.8m Jib				
D		5 °		25 °		45 °
E (°)	B (m)	M (t)	B (m)	M (t)	B (m)	M (t)
82	3.3	1.4	4.2	1.2	4.8	0.8
75	6.5	1.4	7.3	1.2	7.7	0.8
70	8.7	1.2	9.4	1.0	9.9	0.8
65	10.8	1.0	11.5	0.9	11.8	0.75
60	12.8	0.9	13.4	0.8	13.7	0.7
55	14.7	0.8	15.2	0.72	15.5	0.65
50	16.4	0.62	16.9	0.6	17.1	0.58
45	18.0	0.48	18.4	0.47	18.6	0.46
40	19.4	0.38	19.8	0.37		
35	20.7	0.3	21	0.29		
30	21.9	0.24	22.1	0.23		
25	22.8	0.18				
a (°)	24 ~ 82		29 ~ 82		44 ~ 82	

Outriggers middle extended (3.5m) -Over sides-						
C		23.2m Boom + 2.8m Jib				
D		5 °		25 °		45 °
E (°)	B (m)	M (t)	B (m)	M (t)	B (m)	M (t)
82	3.3	1.4	4.2	1.2	4.8	0.8
75	6.5	1.4	7.3	1.2	7.7	0.8
70	8.7	1.2	9.4	1.0	9.9	0.8
65	10.8	0.9	11.5	0.85	11.8	0.75
60	12.7	0.6	13.3	0.58	13.7	0.56
55	14.6	0.4	15.1	0.38	15.4	0.38
50	16.3	0.27	16.8	0.25	17.0	0.25
47	17.3	0.2	17.7	0.2	17.9	0.2
a (°)	46 ~ 82					

Outriggers minimum extended (2.5m) -Over sides-						
C		23.2m Boom + 2.8m Jib				
D		5 °		25 °		45 °
E (°)	B (m)	M (t)	B (m)	M (t)	B (m)	M (t)
82	3.3	1.4	4.2	1.2	4.8	0.8
75	6.4	1.2	7.2	1.1	7.7	0.8
70	8.6	0.72	9.3	0.67	9.8	0.62
65	10.6	0.4	11.3	0.38	11.7	0.36
60	12.6	0.2	13.2	0.2	13.6	0.2
a (°)	59 ~ 82					

B= Working radius C= Jib length D= Jib offset
E= Boom angle M= Total rated loads
a= Boom angle range (for the unladen condition)