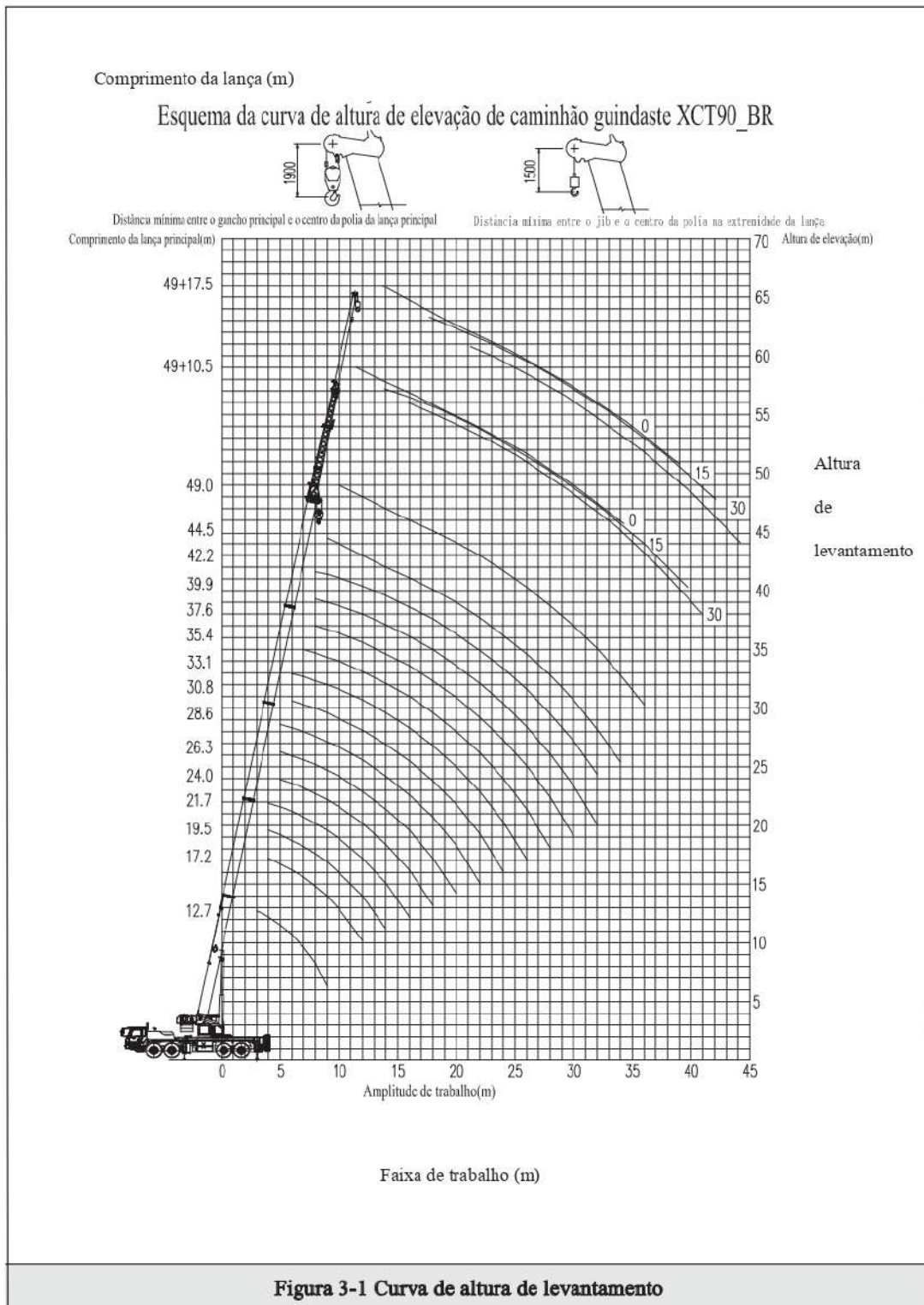
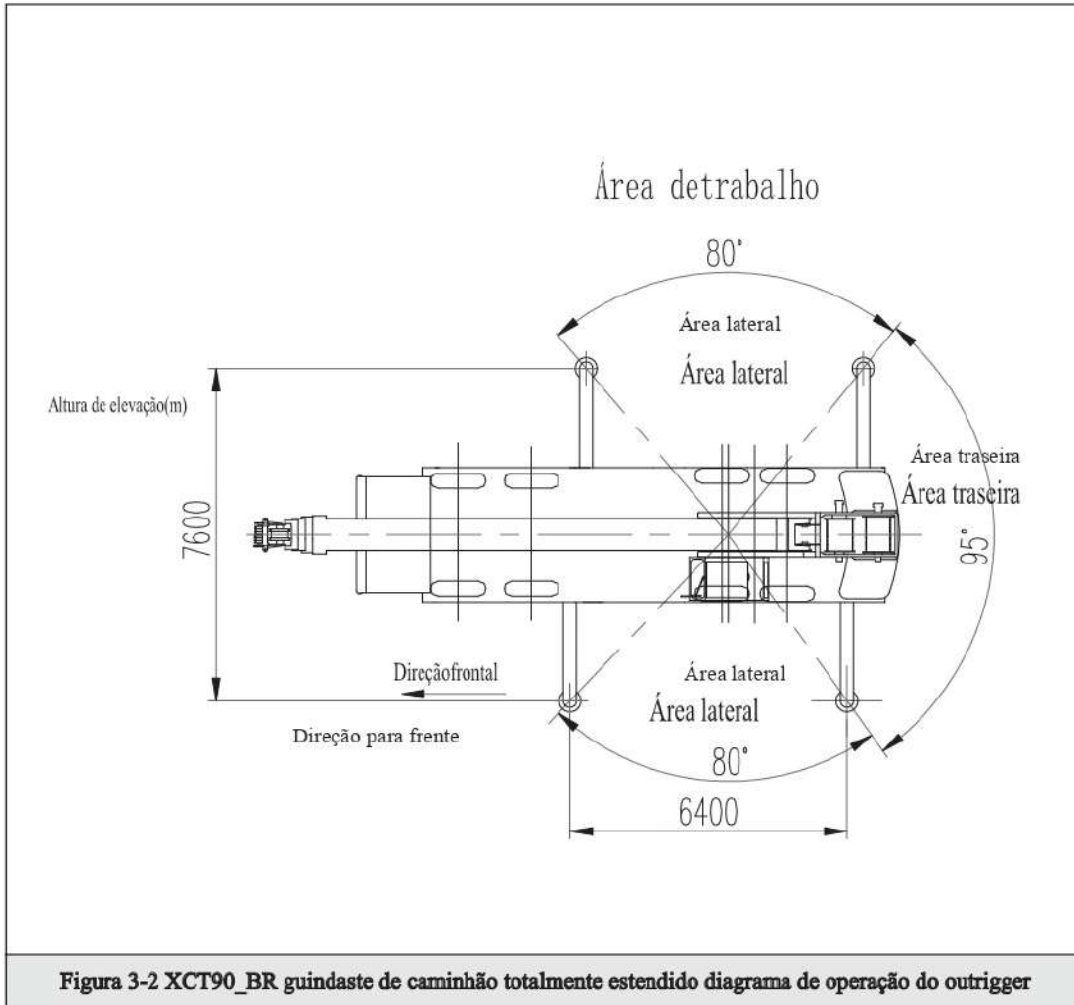


## 3-2 Tabela de desempenho de levantamento





## 3-2-1 Tabela de desempenho de levantamento da lança principal

Tabela 3-1 Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t










 m	  7.6m  13t							
	 m							
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	69	63.8	37.4	46.4				
5	58.7	58.0	34.8	45.4	36.8	29.1	35.3	
6	48	46.4	32.6	40.3	34.8	27.4	35.0	
7	40.2	39.5	30.7	38.3	32.9	25.3	32.2	
8	34	33.3	30.2	33.5	31.2	23.8	29.5	
9	30	27.9	27.8	29.0	29.8	22.6	27.5	
10		24.4	25.0	24.0	26.2	21.4	24.4	
12		17.1	19.5	16.8	18.8	19.2	18.4	
14			14.7	12.4	14.2	15.8	14.0	
16				9.4	11.0	12.5	10.8	
18					8.8	10.1	8.6	
20						8.3	6.8	
22							5.4	
24								
26								
28								
30								
32								
34								
36								
n	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)	29°	36°	35°	35°	34°	34°	34°	
	~68°	~71°	~74°	~76°	~75°	~76°	~78°	
 t	55t(470kg)					35t(370kg)		
 m/s	≤14.1			≤12.8				

Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t










 m	  7.6m  13t								
	 m								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	26.6	18.8	25.4						
8	25.2	17.8	23.3	17.9	14.1	16.2			
9	24	16.7	21.9	17.1	13.3	16.2	12.3		
10	23	15.8	20.5	16.3	12.2	16.2	11.8	11.1	
12	19.8	14.3	18.3	14.8	11.1	15.1	11	10.5	
14	15.2	12.7	14.8	13.3	10.2	14	10.2	10.3	
16	12.0	11.4	11.8	11.9	9.4	12.0	9.6	9.7	
18	9.7	10.4	9.4	10.3	8.3	9.6	8.9	9.2	
20	7.8	9.0	7.5	8.5	7.6	8.0	8.3	8.2	
22	6.4	7.4	6.1	7.0	6.9	6.7	7.3	7.0	
24	5.3	6.2	5.0	5.9	5.9	5.5	6.2	5.8	
26		5.3	4.0	4.9	5.4	4.6	5.3	4.9	
28			3.2	4.1	4.7	3.8	4.4	4.1	
30				3.5	4.0	3.1	3.6	3.3	
32					3.5	2.5	3.0	2.8	
34						2.2	2.6	2.3	
36							2.2	1.9	
38								1.5	
40								1.2	
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	33° ~77°	33° ~77°	33° ~78°	38° ~78°	33° ~78°	41° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido) Unidade: t










 m			 7.6m		 8.5t			
	 m							
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	69	63.8	37.4	46.4				
5	58.7	58.0	34.8	45.4	36.8	29.1	35.0	
6	48	46.4	32.6	40.3	34.8	27.4	35.0	
7	40.2	39.5	30.7	38.3	32.9	25.3	32.2	
8	34	33.3	30.2	33.5	31.2	23.8	29.5	
9	28.1	27.3	27.8	26.8	29.2	22.6	27.5	
10		21.9	24.6	21.5	23.7	21.4	23	
12		15.1	17.5	14.7	16.6	18.2	16.1	
14			13.1	10.5	12.3	13.8	11.8	
16				7.7	9.5	10.9	9.0	
18					7.4	8.8	6.9	
20						7.2	5.4	
22							4.1	
24								
26								
28								
30								
32								
34								
36								
<b>n</b>	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)	29°	36°	35°	35°	34°	34°	34°	
	~68°	~71°	~74°	~76°	~75°	~76°	~78°	
 t	55t(470kg)					35t(370kg)		
 m/s	≤14.1			≤12.8				



Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t










 m	  7.6 m  8.5t								
	 m								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	26.6	18.8	25.4						
8	25.2	17.8	23.3	17.9	14.1	16.2			
9	24	16.7	21.9	17.1	13.3	16.2	12.3		
10	23	15.8	20.5	16.3	12.2	16.2	11.8	11.1	
12	17.5	14.3	16.9	14.8	11.1	15.1	11	10.5	
14	13.1	12.7	12.6	13.3	10.2	13.1	10.2	10.3	
16	10.2	11.3	9.7	10.7	9.4	10.2	9.6	9.7	
18	8.1	9.1	7.6	8.6	8.3	8.1	8.9	8.4	
20	6.5	7.5	6.0	7.0	7.6	6.5	7.3	6.8	
22	5.3	6.3	4.8	5.7	6.5	5.3	6.0	5.6	
24	4.3	5.3	3.8	4.7	5.5	4.3	5.0	4.6	
26		4.4	3.0	3.9	4.7	3.5	4.2	3.8	
28			2.4	3.2	4.0	2.8	3.5	3.1	
30				2.6	3.4	2.2	2.9	2.5	
32					2.9	1.7	2.4	2.0	
34							2.0	1.6	
36							1.6	1.2	
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	33° ~77°	33° ~77°	33° ~78°	38° ~78°	33° ~78°	41° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t









 m	  7.6m  4t							
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	69	63.8	37.4	46.4				
5	58.7	58.0	34.8	45.4	36.8	29.1	35.0	
6	48	46.4	32.6	40.3	34.8	27.4	35.0	
7	40.2	39.5	30.7	38.3	32.9	25.3	32.2	
8	30.2	29.2	30.2	28.7	31.2	23.8	29.5	
9	23.2	22.4	25.3	21.9	24.3	22.6	23.6	
10		17.8	20.5	17.4	19.5	21.3	18.9	
12		12.0	14.3	11.5	13.5	15.1	12.9	
14			10.6	8.0	9.8	11.3	9.3	
16				5.6	7.4	8.8	6.9	
18					5.6	7.0	5.1	
20						5.6	3.8	
22							2.7	
24								
26								
28								
30								
32								
34								
n	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)	29°	36°	35°	35°	34°	34°	34°	
	~68°	~71°	~74°	~76°	~75°	~76°	~78°	
 t	55t(470kg)					35t(370kg)		
 m/s	≤14.1			≤12.8				

Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t









 m	  7.6m  4t								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	26.6	18.8	25.4						
8	25.2	17.8	23.3	17.9	14.1	16.2			
9	24	16.7	21.9	17.1	13.3	16.2	12.3		
10	20.5	15.8	19.9	16.3	12.2	16.2	11.8	11.1	
12	14.4	14.3	13.8	14.8	11.1	14.4	11	10.5	
14	10.6	11.8	10.1	11.1	10.2	10.6	10.2	10.3	
16	8.1	9.2	7.6	8.6	9.4	8.1	8.9	8.5	
18	6.3	7.3	5.8	6.8	7.6	6.3	7.1	6.6	
20	5.0	6.0	4.5	5.4	6.2	4.9	5.7	5.3	
22	3.9	4.9	3.4	4.3	5.1	3.9	4.6	4.2	
24	3.0	4.0	2.6	3.5	4.2	3.0	3.7	3.3	
26		3.3	1.9	2.7	3.5	2.3	3.0	2.6	
28			1.3	2.2	2.9	1.7	2.4	2.0	
30				1.7	2.4	1.2	1.9	1.5	
32					2.0		1.5	1.1	
34							1.1		
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	33° ~77°	33° ~77°	33° ~78°	43° ~78°	38° ~78°	49° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								



Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido)

Unidade: t









 m	  7.6m  0t							
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
<b>3</b>	90							
<b>3.5</b>	70							
<b>4</b>	69	63.8	37.4	46.4				
<b>5</b>	58.7	58.0	34.8	45.4	36.8	29.1	35.3	
<b>6</b>	48	46.4	32.6	40.3	34.8	27.4	35.0	
<b>7</b>	34.3	33.2	30.7	32.6	32.9	25.3	32.2	
<b>8</b>	24.7	23.8	27.0	23.3	25.9	23.8	25.2	
<b>9</b>	18.9	18.1	20.9	17.6	19.9	21.9	19.3	
<b>10</b>		14.2	16.8	13.7	15.9	17.7	15.3	
<b>12</b>		9.2	11.6	8.8	10.7	12.3	10.2	
<b>14</b>			8.4	5.8	7.6	9.1	7.1	
<b>16</b>				3.8	5.5	6.9	5.0	
<b>18</b>					4.0	5.4	3.5	
<b>20</b>						4.2	2.4	
<b>22</b>							1.5	
<b>24</b>								
<b>26</b>								
<b>28</b>								
<b>30</b>								
<b>n</b>	12	10	6	8	6	5	6	
 %	<b>2</b>	0	50%	0	100%	50%	0	100%
	<b>3</b>	0	0	25%	0	25%	50%	25%
	<b>4</b>	0	0	25%	0	25%	50%	25%
	<b>5</b>	0	0	25%	0	25%	50%	25%
 (°)		29°	36°	35°	35°	34°	34°	34°
		~68°	~71°	~74°	~76°	~75°	~76°	~78°
 t	55t(470kg)					35t(370kg)		
 ms	≤14.1			≤12.8				

Tabela 3-1 continua Tabela de desempenho de levantamento da lança principal (outrigger totalmente estendido) Unidade: t









 m	  7.6m  0t								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	26.6	18.8	25.4						
8	25.2	17.8	23.3	17.9	14.1	16.2			
9	21	16.7	20.3	17.1	13.3	16.2	12.3		
10	16.8	15.8	16.2	16.3	12.2	16.2	11.8	11.1	
12	11.6	12.8	11	12.1	11.1	11.6	11	10.5	
14	8.4	9.5	7.9	8.9	9.8	8.4	9.2	8.8	
16	6.3	7.3	5.7	6.7	7.6	6.2	7	6.6	
18	4.7	5.7	4.2	5.2	6.0	4.7	5.5	5.0	
20	3.6	4.6	3.1	4.0	4.8	3.5	4.3	3.9	
22	2.6	3.6	2.2	3.1	3.9	2.6	3.4	2.9	
24	1.9	2.9	1.4	2.3	3.1	1.9	2.6	2.2	
26		2.3		1.7	2.5	1.3	2.0	1.6	
28				1.2	2.0		1.5	1.1	
30					1.5		1.1		
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	44° ~77°	39° ~77°	38° ~78°	51° ~78°	46° ~78°	55° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-2 Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t









 m			 5m		 13t			
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	69	63.8	37.4	46.4				
5	55.2	54.1	34.8	45.4	36.8	29.1	35.3	
6	37.8	36.9	32.6	36.4	34.8	27.4	35.0	
7	28.2	27.4	30.0	26.9	29.1	25.3	28.5	
8	22	21.3	23.7	20.8	22.9	23.8	22.3	
9	17.7	17.1	19.4	16.6	18.6	20.1	18	
10		14.0	16.2	13.5	15.4	16.9	14.8	
12		9.7	11.8	9.3	11.1	12.5	10.5	
14			8.9	6.6	8.2	9.6	7.7	
16				4.6	6.2	7.5	5.8	
18					4.8	6.0	4.3	
20						4.9	3.2	
22							2.2	
24								
26								
28								
30								
32								
<b>n</b>	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)	29°	36°	35°	35°	34°	34°	34°	
	~68°	~71°	~74°	~76°	~75°	~76°	~78°	
 t	55t(470kg)					35t(370kg)		
 ms	≤14.1			≤12.8				

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t








 m	  5m  13t								
	 m								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	26.6	18.8	25.4						
8	23.7	17.8	23.2	17.9	14.1	16.2			
9	19.4	16.7	18.8	17.1	13.3	16.2	12.3		
10	16.2	15.8	15.6	16.3	12.2	16.2	11.8	11.1	
12	11.8	12.8	11.3	12.2	11.1	11.8	11	10.5	
14	8.9	9.9	8.4	9.4	10.2	8.9	9.7	9.2	
16	6.9	7.9	6.4	7.3	8.1	6.9	7.6	7.2	
18	5.4	6.4	4.9	5.8	6.6	5.4	6.1	5.7	
20	4.3	5.2	3.8	4.7	5.4	4.2	4.9	4.5	
22	3.3	4.3	2.9	3.7	4.5	3.3	4.0	3.6	
24	2.6	3.5	2.1	3.0	3.7	2.5	3.2	2.8	
26		2.9	1.5	2.3	3.1	1.9	2.6	2.2	
28			1.0	1.8	2.5	1.4	2.1	1.7	
30				1.4	2.1	1.0	1.6	1.2	
32					1.7		1.2		
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	33° ~77°	33° ~77°	33° ~78°	38° ~78°	33° ~78°	41° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t









 m			 5m		 8.5t			
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	69	63.8	37.4	46.4				
5	46.8	45.8	34.8	45.1	36.8	29.1	35.0	
6	31.8	30.9	32.6	30.4	32.9	27.4	32.2	
7	23.5	22.7	25.4	22.2	24.4	25.3	23.8	
8	18.2	17.5	19.9	17.0	19.1	20.7	18.5	
9	14.5	13.8	16.2	13.4	15.3	16.9	14.8	
10		11.2	13.4	10.8	12.6	14.1	12.1	
12		7.5	9.6	7.1	8.9	10.3	8.3	
14			7.1	4.8	6.4	7.7	5.9	
16				3.1	4.7	6.0	4.2	
18					3.4	4.7	2.9	
20						3.7	2.0	
22							1.2	
24								
26								
28								
30								
32								
<b>n</b>	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)	29°	36°	35°	35°	34°	34°	34°	
	~68°	~71°	~74°	~76°	~75°	~76°	~78°	
 t	55t(470kg)				35t(370kg)			
 ms	≤14.1			≤12.8				



Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t









 m					 5m  8.5t				
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28.1	20.1							
7	25.4	18.8	24.8						
8	19.9	17.8	19.4	17.9	14.1	16.2			
9	16.2	16.7	15.6	16.7	13.3	16.2	12.3		
10	13.4	14.5	12.8	13.9	12.2	13.4	11.8	11.1	
12	9.6	10.6	9.1	10	10.9	9.6	10.4	9.9	
14	7.1	8.1	6.6	7.5	8.4	7.1	7.8	7.4	
16	5.4	6.3	4.9	5.8	6.6	5.3	6.1	5.6	
18	4.1	5.0	3.6	4.5	5.2	4.0	4.7	4.3	
20	3.1	4.0	2.6	3.5	4.2	3.0	3.7	3.3	
22	2.3	3.2	1.8	2.7	3.4	2.2	2.9	2.5	
24	1.6	2.5	1.2	2.0	2.7	1.6	2.3	1.9	
26		2.0		1.5	2.2	1.0	1.7	1.3	
28				1.0	1.7		1.3		
30					1.3				
32					1.0				
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	34° ~77°	33° ~78°	44° ~77°	39° ~77°	33° ~78°	51° ~78°	50° ~78°	58° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t









 m			 5m		 4t			
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
<b>3</b>	90							
<b>3.5</b>	70							
<b>4</b>	67.8	63.8	37.4	46.4				
<b>5</b>	38.5	37.4	34.8	36.8	36.8	29.1	35.0	
<b>6</b>	25.9	25.0	28.0	24.4	26.9	27.4	26.2	
<b>7</b>	18.9	18.1	20.7	17.6	19.8	21.6	19.2	
<b>8</b>	14.4	13.7	16.1	13.2	15.3	16.9	14.7	
<b>9</b>	11.3	10.6	12.9	10.2	12.1	13.7	11.6	
<b>10</b>		8.4	10.6	8.0	9.8	11.3	9.3	
<b>12</b>		5.3	7.4	4.9	6.7	8.1	6.1	
<b>14</b>			5.3	2.9	4.6	5.9	4.1	
<b>16</b>				1.5	3.1	4.4	2.7	
<b>18</b>					2.1	3.3	1.6	
<b>20</b>						2.5		
<b>22</b>								
<b>24</b>								
<b>26</b>								
<b>n</b>	12	10	6	8	6	5	6	
 %	<b>2</b>	0	50%	0	100%	50%	0	100%
	<b>3</b>	0	0	25%	0	25%	50%	25%
	<b>4</b>	0	0	25%	0	25%	50%	25%
	<b>5</b>	0	0	25%	0	25%	50%	25%
 (°)		29°	36°	35°	35°	34°	34°	47°
		~68°	~71°	~74°	~76°	~75°	~76°	~78°
 t	55t(470kg)					35t(370kg)		
 ms	≤14.1			≤12.8				

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t









 m	  5m  4t								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	28	20.1							
7	20.8	18.8	20.1						
8	16.1	17.4	15.6	16.7	14.1	16.2			
9	12.9	14.1	12.4	13.5	13.3	12.9	12.3		
10	10.6	11.7	10.1	11.1	12	10.6	11.4	11.0	
12	7.4	8.4	6.9	7.8	8.7	7.4	8.2	7.7	
14	5.3	6.3	4.8	5.7	6.5	5.3	6	5.6	
16	3.8	4.8	3.3	4.2	5	3.8	4.5	4.1	
18	2.7	3.7	2.2	3.1	3.9	2.7	3.4	3.0	
20	1.9	2.8	1.4	2.3	3.0	1.8	2.5	2.1	
22	1.2	2.1		1.6	2.3	1.2	1.8	1.5	
24		1.6		1.0	1.8		1.3		
26		1.1			1.3				
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	40° ~77°	33° ~78°	53° ~77°	48° ~77°	47° ~78°	58° ~78°	57° ~78°	63° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t


















 m	  5m  Ot							
	12.7	17.2	19.5	21.7	24.0	26.3	28.6	
3	90							
3.5	70							
4	55.5	54.0	37.4	46.4				
5	31	30.0	33.6	29.3	32.3	29.1	31.5	
6	20.6	19.7	22.7	19.1	21.6	23.7	20.9	
7	14.7	13.9	16.6	13.5	15.7	17.5	15.0	
8	11	10.3	12.8	9.8	11.9	13.6	11.3	
9	8.4	7.8	10.1	7.3	9.3	10.8	8.7	
10		5.9	8.1	5.5	7.3	8.8	6.8	
12		3.4	5.4	3.0	4.7	6.1	4.2	
14			3.7	1.3	3.0	4.3	2.5	
16					1.8	3.1	1.3	
18						2.1		
20						1.4		
22								
n	12	10	6	8	6	5	6	
 %	2	0	50%	0	100%	50%	0	100%
	3	0	0	25%	0	25%	50%	25%
	4	0	0	25%	0	25%	50%	25%
	5	0	0	25%	0	25%	50%	25%
 (°)		29°	36°	35°	44°	42°	34°	52°
		~68°	~71°	~74°	~76°	~75°	~76°	~78°
 t	55t(470kg)					35t(370kg)		
 ms	≤14.1			≤12.8				

Tabela 3-2 continua Tabela de desempenho de levantamento da lança principal (outrigger estendido em metade)

Unidade: t

 m	  5m  0t								
	 m								
	30.8	33.1	35.4	37.6	39.9	42.2	44.5	49.0	
3									
3.5									
4									
5									
6	22.7	20.1							
7	16.6	18	16						
8	12.8	14	12.2	13.3	14.1	12.8			
9	10.1	11.3	9.5	10.6	11.6	10.1	11		
10	8.1	9.3	7.6	8.6	9.5	8.1	9	8.5	
12	5.4	6.5	4.9	5.9	6.7	5.4	6.2	5.8	
14	3.7	4.7	3.2	4.1	4.9	3.6	4.4	4.0	
16	2.4	3.4	2.0	2.9	3.6	2.4	3.1	2.7	
18	1.5	2.5	1.0	1.9	2.7	1.5	2.2	1.8	
20		1.7		1.2	2.0		1.5	1.1	
22		1.2			1.4				
n	5	4	4	4	3	3	3	3	
 %	2	50%	0	100%	50%	0	100%	50%	100%
	3	50%	75%	50%	75%	100%	75%	100%	100%
	4	50%	75%	50%	75%	100%	75%	100%	100%
	5	50%	75%	50%	75%	100%	75%	100%	100%
 (°)	51° ~77°	45° ~78°	57° ~77°	56° ~77°	55° ~78°	64° ~78°	63° ~78°	66° ~77°	
 t	35t(370kg)								
 m/s	≤11.1								



## 3-2-2 Tabela de desempenho de levantamento da lança auxiliar

Tabela 3-3 Tabela de desempenho de levantamento da lança auxiliar (outrigger completamente estendido)

Unidade: t








		49 m			13 t			7.6 m			ISO
		10.5			17.5						
		0	15	30	0	15	30				
80		5	4	3.3	3.3	2.2	1.5	80			
78		4.7	3.8	3.2	3	2	1.35	78			
75		4.6	3.7	3	2.8	1.9	1.25	75			
72		4.5	3.5	2.5	2.3	1.8	1.2	72			
70		4.2	3.2	2.4	2	1.7	1.15	70			
65		3.5	2.8	2	1.8	1.5	1	65			
60		2.7	2.2	1.8	1.55	1.25	0.95	60			
55		1.9	1.8	1.6	1.3	1.1	0.9	55			
50		1.1	0.9	0.9				50			
		5.5t(150kg)									
		≤9									

Tabela 3-3 continua Tabela de desempenho de levantamento da lança auxiliar (outrigger completamente estendido)

Unidade: t








		49 m			8.5 t			7.6 m			ISO
		10.5			17.5						
		0	15	30	0	15	30				
80		5	4	3.3	3.3	2.2	1.5	80			
78		4.7	3.8	3.2	3	2	1.35	78			
75		4.6	3.7	3	2.8	1.9	1.25	75			
72		4.5	3.5	2.5	2.3	1.8	1.2	72			
70		4.2	3.2	2.4	2	1.7	1.15	70			
65		3.5	2.8	2	1.8	1.5	1	65			
60		2.3	2.1	1.8	1.5	1.2	0.9	60			
55		1.4	1.3	1.3	1	0.9	0.8	55			
50		0.8	0.8	0.8				50			
		5.5t(150kg)									
		≤9									

Tabela 3-3 continua Tabela de desempenho de levantamento da lança auxiliar (outrigger completamente estendido ) Unidade: t
















		49 m			4 t	7.6 m			ISO
	 m	10.5			17.5				
		0	15	30	0	15	30		
80		5	4	3.3	3.3	2.2	1.5	80	
78		4.7	3.8	3.2	3	2	1.35	78	
75		4.6	3.7	3	2.8	1.9	1.25	75	
72		4.5	3.5	2.5	2.3	1.8	1.2	72	
70		4.2	3.2	2.4	2	1.7	1.15	70	
65		2.5	2.3	2	1.8	1.5	1	65	
60		1.5	1.3	1.3	1	0.9	0.8	60	
55		0.7	0.7	0.6				55	
		5.5t(150kg)							
		≤9							

Tabela 3-3 continua Tabela de desempenho de levantamento da lança auxiliar (outrigger completamente estendido ) Unidade: t

		49 m			0 t	7.6 m			ISO
	 m	10.5			17.5				
		0	15	30	0	15	30		
80		5	4	3.3	3.3	2.2	1.5	80	
78		4.7	3.8	3.2	3	2	1.35	78	
75		4.6	3.7	3	2.8	1.9	1.25	75	
72		3.9	3.4	2.5	2.3	1.8	1.2	72	
70		3.1	2.7	2.4	2	1.7	1.15	70	
65		1.6	1.5	1.4	1.2	1	0.9	65	
60		0.7	0.7	0.6				60	
		5.5t(150kg)							
		≤9						