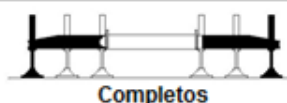


**Capacidades de Levante Nominal
en Kilógramos**



Radio de Carga (m)	11.58m			15.2m			18.3m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
2.5	71.5	80 000	80 000						
3	68.5	72 550	72 550	74.0	36 700	36 700	77.0	26 450	26 450
3.5	65.5	65 050	65 100	72.0	34 600	34 600	75.5	24 850	24 850
4	62.5	59 750	59 750	70.0	32 750	32 750	74.0	23 400	23 400
4.5	59.5	53 650	53 650	68.0	31 100	31 100	72.0	22 100	22 100
5	56.5	48 000	48 000	66.0	29 600	29 600	70.5	20 950	20 950
6	50.0	39 400	39 400	61.5	27 000	27 000	67.0	18 900	18 900
7	42.5	33 100	33 100	57.0	24 800	24 800	63.5	17 250	17 250
8	33.5	28 350	28 350	52.0	23 000	23 000	60.0	15 850	15 850
9	21.0	24 600	24 600	47.0	21 450	21 450	56.0	14 650	14 650
10				41.0	20 150	20 150	52.0	13 650	13 650
12				26.0	17 800	17 850	43.0	11 950	11 950
14							32.0	10 700	10 700
16							11.5	9 750	9 750
Angulo Mínimo de Pluma/Capacidad	0.0	14 350	14 350	0.0	8 250	8 250	0.0	5 850	5 850
Radio (m)	9.5			13.1			16.2		

Radio de Carga (m)	21.3m			24.4m			27.4m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
3	79.5	25 500	25 500						
3.5	78.0	24 100	24 100						
4	76.5	22 850	22 850	78.5	19 000	19 000			
4.5	75.5	21 700	21 700	77.5	19 000	19 000	79.0	15 200	15 200
5	74.0	20 600	20 600	76.5	19 000	19 000	78.0	15 200	15 200
6	71.0	18 800	18 800	74.0	19 000	19 000	76.0	15 200	15 200
7	68.0	17 300	17 300	71.5	18 000	18 000	74.0	15 200	15 200
8	65.0	15 950	15 950	69.0	16 750	16 750	72.0	15 200	15 200
9	62.0	14 850	14 850	66.5	15 550	15 550	70.0	14 400	14 400
10	59.0	13 800	13 800	64.0	14 450	14 450	67.5	13 350	13 350
12	52.0	12 200	12 200	58.5	12 650	12 650	63.0	11 700	11 700
14	44.5	10 900	10 900	52.5	11 200	11 200	58.0	10 400	10 400
16	35.5	9 850	9 850	46.0	10 050	10 050	52.5	9 300	9 300
18	23.0	8 850	8 850	38.0	9 100	9 100	46.5	8 450	8 450
20				28.5	8 150	8 300	40.0	7 700	7 700
22				12.0	6 900	7 000	32.5	7 000	7 000
24							21.5	6 000	6 100
Angulo Mínimo de Pluma/Capacidad	0.0	4 850	4 850	0.0	4 150	4 150	0.0	3 550	3 550
Radio (m)	19.2			22.3			25.3		

**Capacidades de Levante Nominal
en Kilógramos**



Completos



13.065 Kg.



Radio de Carga (m)	30.5m			33.5m			36.6m		
	$\angle$ °	360°	Sobre el Frente	$\angle$ °	360°	Sobre el Frente	$\angle$ °	360°	Sobre el Frente
6	78.0	14 550	14 550	79.0	12 350	12 350			
7	76.0	14 550	14 550	77.5	12 350	12 350			
8	74.0	14 550	14 550	76.0	12 350	12 350	77.5	12 750	12 750
9	72.5	14 550	14 550	74.5	12 350	12 350	76.0	12 750	12 750
10	70.5	13 600	13 600	72.5	12 350	12 350	74.5	12 750	12 750
12	66.5	12 450	12 450	69.5	12 350	12 350	72.0	12 750	12 750
14	62.0	11 150	11 150	65.5	11 550	11 550	68.5	11 700	11 700
16	57.5	10 050	10 050	61.5	10 350	10 350	65.0	10 500	10 500
18	53.0	9 150	9 150	57.5	9 350	9 350	61.5	9 550	9 550
20	47.5	8 200	8 300	53.0	8 150	8 250	57.5	8 000	8 100
22	41.5	6 950	7 050	48.0	6 900	7 000	53.0	6 750	6 850
24	35.0	5 950	6 050	43.0	5 900	6 000	48.5	5 750	5 850
26	26.5	5 150	5 250	37.0	5 100	5 250	43.5	4 950	5 100
28	12.5	4 450	4 550	30.0	4 450	4 550	38.5	4 300	4 400
30				20.5	3 850	3 950	32.5	3 700	3 800
32							24.5	3 200	3 300
34							12.5	2 800	2 850
Angulo Mínimo de Pluma/Capacidad	0.0	3 000	3 000	0.0	2 500	2 500	0.0	1 950	1 950
Radio (m)	28.4			31.4			34.4		

Radio de Carga (m)	39.6m			42.67m		
	$\angle$ °	360°	Sobre el Frente	$\angle$ °	360°	Sobre el Frente
8	79.0	12 150	12 150			
9	77.5	12 000	12 000	79.0	11 050	11 050
10	76.5	11 900	11 900	77.5	10 950	10 950
12	73.5	11 800	11 800	75.5	10 850	10 850
14	71.0	11 650	11 650	73.0	10 750	10 750
16	68.0	11 050	11 050	70.5	10 700	10 700
18	64.5	9 400	9 500	67.5	9 200	9 350
20	61.0	7 800	7 900	64.0	7 650	7 750
22	57.0	6 550	6 650	60.5	6 400	6 500
24	53.0	5 600	5 750	57.0	5 450	5 600
26	49.0	4 800	4 900	53.5	4 650	4 750
28	44.5	4 150	4 250	49.5	4 000	4 100
30	40.0	3 550	3 650	45.5	3 400	3 500
32	34.5	3 050	3 150	41.0	2 900	3 000
34	28.0	2 600	2 700	36.0	2 500	2 600
36	19.5	2 250	2 350	30.5	2 100	2 200
38				23.5	1 800	1 850
40				13.0	1 500	1 550
Angulo Mínimo de Pluma/Capacidad	0.0	1 500	1 500	0.0	1 050	1 050
Radio (m)	37.5			40.5		

**Capacidades de Levante Nominal
en Kilogramos**



Radio de Carga (m)	11.58m			15.2m			18.3m			21.3m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
2.5	71.5	80 000	80 000									
3	68.5	72 550	72 550	74.0	46 850	46 850	77.0	43 700	43 700	79.5	32 100	32 100
3.5	65.5	65 050	65 100	72.0	46 850	46 850	75.5	41 450	41 450	78.0	32 100	32 100
4	62.5	59 750	59 750	70.0	46 850	46 850	74.0	38 850	38 850	77.0	32 100	32 100
4.5	59.5	53 650	53 650	68.0	46 850	46 850	72.5	36 550	36 550	75.5	32 100	32 100
5	56.5	48 000	48 000	66.0	46 850	46 850	70.5	34 550	34 550	74.0	32 000	32 000
6	50.0	39 400	39 400	61.5	40 350	40 350	67.0	31 050	31 050	71.0	29 050	29 050
7	42.5	33 100	33 100	57.0	34 100	34 100	63.5	28 200	28 200	68.0	26 450	26 450
8	33.5	28 350	28 350	52.0	29 350	29 350	60.0	25 800	25 800	65.0	24 000	24 000
9	21.0	24 600	24 600	47.0	25 600	25 600	56.0	23 750	23 750	62.0	21 950	21 950
10				41.0	22 600	22 600	52.0	22 000	22 000	59.0	20 300	20 300
12				26.0	17 450	17 500	43.0	18 000	18 050	52.0	17 500	17 500
14							31.5	13 750	13 850	44.5	13 900	14 000
16							11.5	10 800	10 950	35.0	11 050	11 150
18										22.5	8 900	9 050
Angulo Mínimo de Pluma/Capacidad	0.0	14 350	14 350	0.0	10 400	10 400	0.0	8 250	8 250	0.0	6 550	6 550
Radio (m)		9.5			13.1			16.2			19.2	

Radio de Carga (m)	24.4m			27.4m			30.5m			35.30m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
4	79.0	32 150	32 150									
4.5	77.5	30 950	30 950	79.5	24 550	24 550						
5	76.5	29 400	29 400	78.5	24 550	24 550						
6	74.0	26 700	26 700	76.5	23 800	23 800	78.0	22 250	22 250			
7	71.5	24 450	24 450	74.0	21 800	21 800	76.5	21 150	21 150			
8	69.0	22 550	22 550	72.0	20 100	20 100	74.5	20 100	20 100	77.5	16 400	16 400
9	66.5	20 850	20 850	70.0	18 600	18 600	72.5	19 350	19 350	76.0	16 250	16 250
10	64.0	19 400	19 400	67.5	17 300	17 300	70.5	18 100	18 100	74.5	16 100	16 100
12	58.5	17 000	17 000	63.0	15 150	15 150	66.5	16 000	16 000	71.5	15 200	15 200
14	52.0	13 950	14 050	58.0	13 400	13 400	62.0	13 750	13 850	68.0	13 500	13 500
16	45.5	11 100	11 200	52.5	11 100	11 200	57.5	10 900	11 000	63.5	10 650	10 800
18	37.5	9 000	9 100	46.5	9 000	9 100	52.5	8 800	8 950	59.5	8 600	8 700
20	28.0	7 400	7 550	39.5	7 450	7 550	47.0	7 250	7 350	55.5	7 050	7 150
22	11.5	6 150	6 300	31.5	6 200	6 300	41.0	6 050	6 150	51.0	5 800	5 950
24				21.0	5 200	5 350	34.5	5 100	5 200	46.0	4 900	5 000
26							26.0	4 250	4 350	41.0	4 100	4 200
28							12.0	3 600	3 700	35.0	3 400	3 500
30										28.0	2 850	2 950
32										18.0	2 350	2 400
Angulo Mínimo de Pluma/Capacidad	0.0	5 250	5 250	0.0	4 200	4 200	0.0	3 250	3 250	0.0	2 050	2 050
Radio (m)		22.3			25.3			28.4			33.2	

Longitudes de Pluma Fija
Capacidades de Levante Nominal
en Kilógramos
Vea Nota de Operación 10.

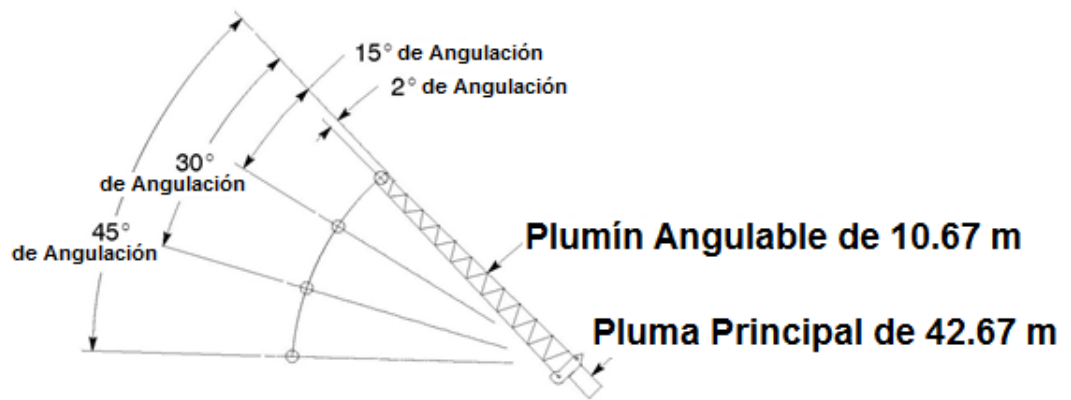


Completos

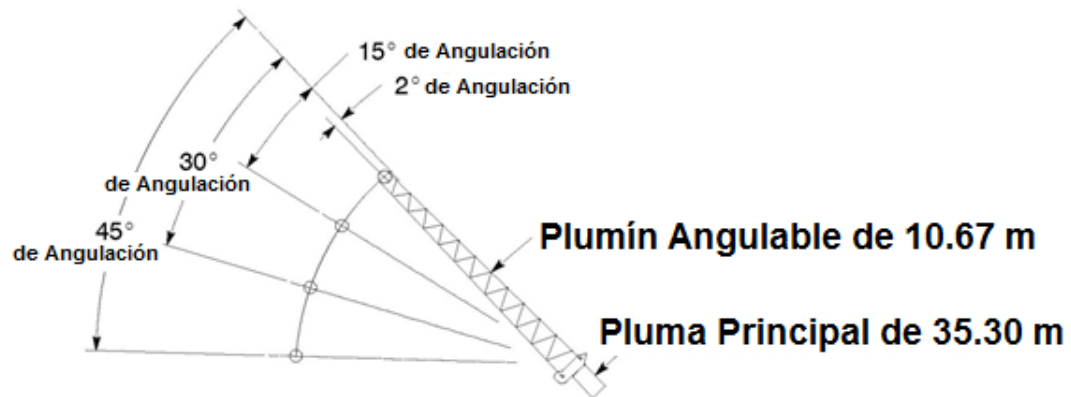


Radio de Carga (m)	11.58m			15.5m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
2.5	71.5	80 000	80 000			
3	68.5	72 550	72 550	74.5	69 500	69 500
3.5	65.5	65 050	65 100	72.5	64 250	64 250
4	62.5	59 750	59 750	70.5	59 850	59 850
4.5	59.5	53 650	53 650	68.5	54 600	54 600
5	56.5	48 000	48 000	66.5	48 950	48 950
6	50.0	39 400	39 400	62.0	40 400	40 400
7	42.5	33 100	33 100	57.5	34 150	34 150
8	33.5	28 350	28 350	53.0	29 400	29 400
9	21.0	24 600	24 600	47.5	25 650	25 650
10				42.0	22 650	22 650
12				27.5	17 500	17 550
Angulo Mínimo de Pluma/Capacidad	0.0	14 350	14 350	0.0	10 250	10 250
Radio (m)		9.5			13.3	

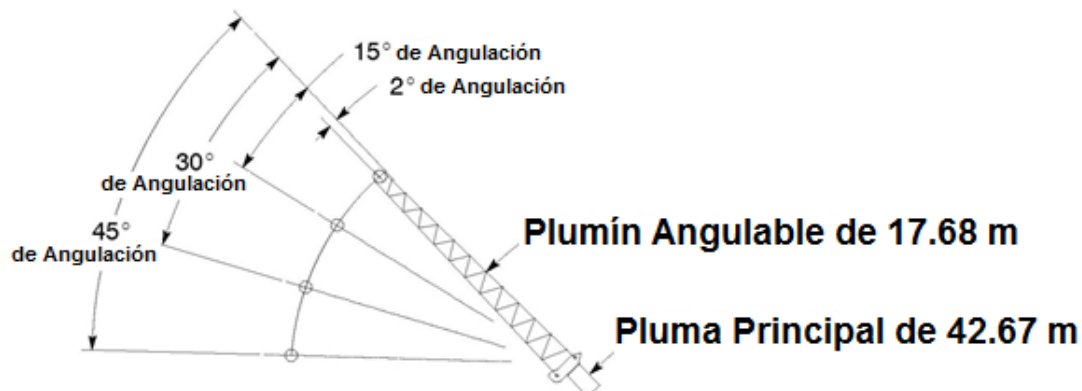
Radio de Carga (m)	19.4m			23.32m		
	Δ°	360°	Sobre el Frente	Δ°	360°	Sobre el Frente
3	78.0	53 450	53 450			
3.5	76.5	50 350	50 350			
4	75.0	48 900	48 900	78.0	37 400	37 400
4.5	73.5	48 350	48 350	76.5	35 750	35 750
5	72.0	47 000	47 000	75.5	35 250	35 250
6	69.0	40 550	40 550	73.0	34 700	34 700
7	65.5	34 350	34 350	70.5	34 100	34 100
8	62.0	29 600	29 600	67.5	29 400	29 400
9	58.5	25 900	25 900	65.0	25 700	25 700
10	54.5	22 950	22 950	62.0	22 750	22 750
12	46.5	17 750	17 800	56.0	17 450	17 500
14	37.0	13 500	13 600	49.5	13 250	13 350
16	24.0	10 600	10 750	42.0	10 400	10 550
18				33.5	8 350	8 500
20				21.5	6 750	6 900
Angulo Mínimo de Pluma/Capacidad	0.0	7 350	7 350	0.0	5 200	5 200
Radio (m)		17.3			21.2	



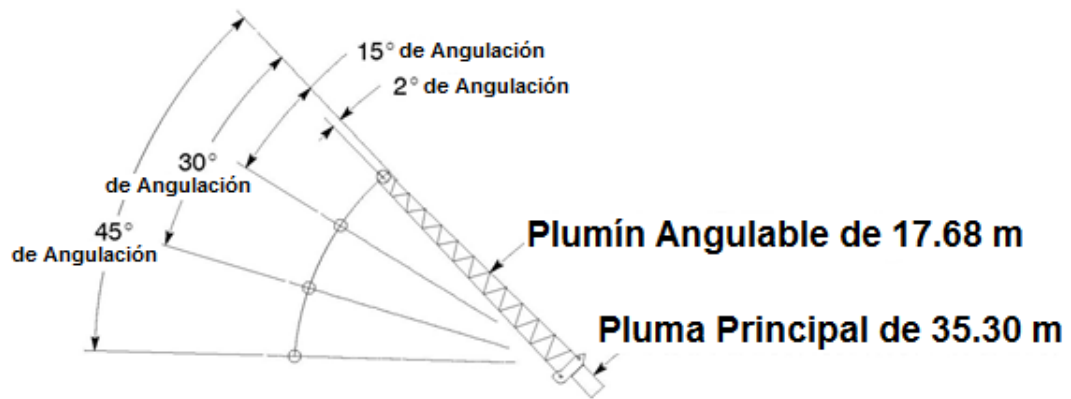
Capacidades de Levante Nominal en Kilógramos			 Completos		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
12	79.0	5 500						
14	77.0	5 500	80.0	5 200				
16	75.5	5 500	78.0	5 100				
18	73.5	5 500	76.0	5 000	78.5	4 450		
20	71.5	5 400	74.0	4 900	76.5	4 350	78.5	3 950
22	69.5	5 300	72.0	4 750	74.0	4 300	76.0	3 950
24	67.5	5 150	69.5	4 650	72.0	4 200	74.0	3 900
26	65.0	4 950	67.5	4 550	69.5	4 100	71.5	3 900
28	62.5	4 250	65.0	4 350	67.5	4 050	69.0	3 850
30	59.5	3 650	62.0	3 850	65.0	3 900	66.5	3 750
32	56.5	3 150	59.0	3 350	62.0	3 550	63.5	3 600
34	53.5	2 700	56.0	2 900	58.5	3 050	60.5	3 150
36	50.0	2 350	53.0	2 500	55.0	2 650	56.5	2 700
38	46.5	2 000	49.5	2 150	51.5	2 250	53.0	2 300
40	43.0	1 700	46.0	1 800	48.0	1 900	49.0	1 950
42	39.5	1 450	42.0	1 550	44.0	1 600		
44	35.5	1 200	37.5	1 300	39.5	1 350		
46	30.5	1 000	33.0	1 050	34.5	1 100		
48	25.0	800	27.0	850				
50	17.5	650	19.0	650				
Angulo Mínimo de Pluma/Capacidad	0.0	200	0.0	200	0.0	250	0.0	250
Radio (m)	51.2		51.1		50.3		49.1	



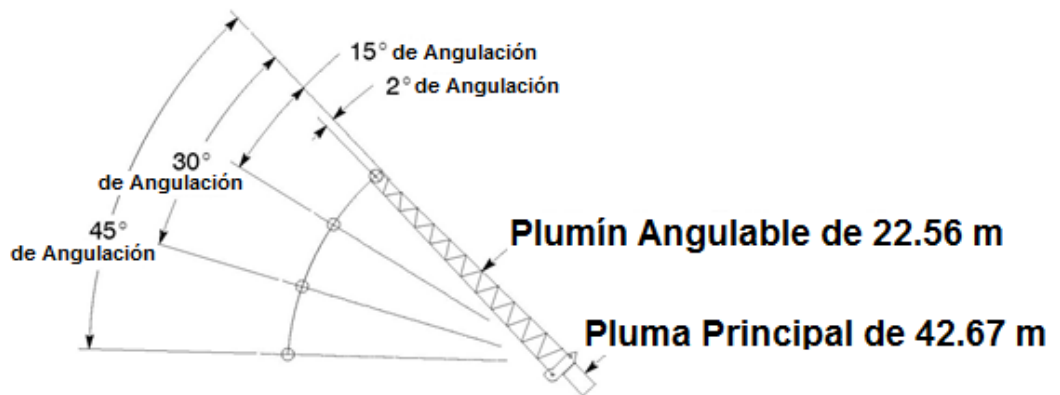
Capacidades de Levante Nominal en Kilógramos			 Completos		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
9	80.0	9 100						
10	78.5	8 850						
12	76.5	8 250	79.0	6 250				
14	74.0	7 750	76.5	5 950	79.5	5 000		
16	71.5	7 250	74.0	5 700	77.0	4 850		
18	69.0	6 400	71.5	5 450	74.5	4 650	76.5	4 200
20	66.0	6 050	69.0	5 200	71.5	4 550	74.0	4 100
22	63.5	5 800	66.0	5 000	69.0	4 400	71.0	4 050
24	60.5	5 450	63.5	4 800	66.0	4 300	68.0	4 000
26	57.5	4 650	60.5	4 650	63.0	4 200	65.0	3 950
28	54.0	3 950	57.0	4 200	60.0	4 100	61.5	3 950
30	50.5	3 350	53.5	3 600	56.5	3 800	58.0	3 900
32	46.5	2 850	49.5	3 050	52.5	3 200	54.0	3 300
34	42.5	2 450	45.5	2 600	48.0	2 750	49.5	2 800
36	38.5	2 050	41.0	2 200	43.5	2 300		
38	33.5	1 750	36.0	1 850	38.0	1 900		
40	28.0	1 450	30.5	1 500	32.0	1 550		
42	20.5	1 200	23.0	1 250				
Angulo Mínimo de Pluma/Capacidad	0.0	800	0.0	800	0.0	850	0.0	950
Radio (m)	43.8		43.7		43.0		41.8	



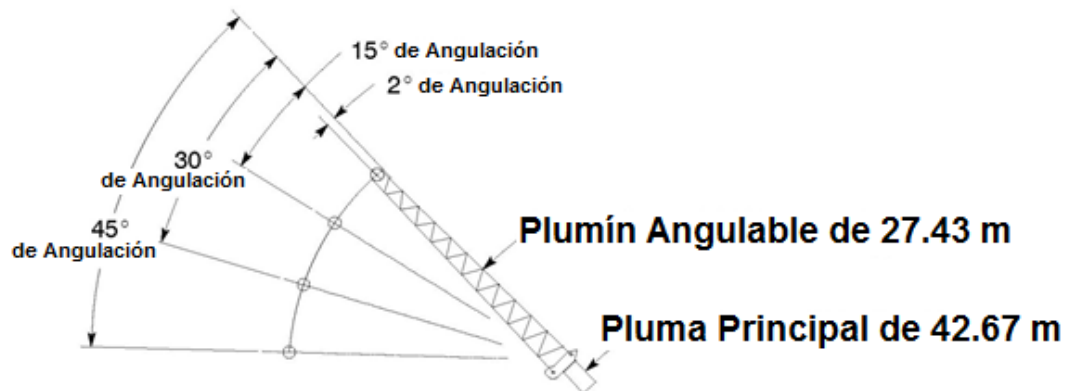
Capacidades de Levante Nominal en Kilógramos			 Completos		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
14	79.5	3 850						
16	78.0	3 750						
18	76.5	3 700	80.0	3 300				
20	74.5	3 600	78.5	3 150				
22	73.0	3 500	76.5	3 050				
24	71.5	3 400	75.0	2 950	78.5	2 550		
26	69.5	3 300	73.0	2 850	76.5	2 500	79.5	2 250
28	67.5	3 200	71.0	2 750	74.5	2 400	77.5	2 200
30	65.5	3 100	69.0	2 700	72.5	2 350	75.5	2 150
32	63.5	2 950	67.0	2 600	70.5	2 300	73.5	2 150
34	61.5	2 800	64.5	2 550	68.0	2 250	71.0	2 100
36	58.5	2 550	62.5	2 400	66.0	2 200	68.5	2 100
38	56.0	2 200	60.0	2 300	63.5	2 150	66.0	2 050
40	53.0	1 900	57.5	2 100	61.0	2 050	63.0	1 950
42	50.0	1 650	54.5	1 800	58.0	1 950	60.5	1 900
44	47.0	1 400	51.0	1 550	55.0	1 700	57.0	1 800
46	44.0	1 150	48.0	1 300	51.5	1 450	53.0	1 500
48	40.5	950	44.5	1 100	47.5	1 200	48.5	1 250
50	37.0	800	40.5	900	43.5	1 000		
52	33.0	600	36.5	700	38.5	750		
54	28.5	450	31.5	550	33.0	600		
Angulo Mínimo de Pluma/Capacidad	23.0		25.5		25.0		23.3	
Radio (m)	56.0		56.0		56.0		54.9	
Longitud Máxima de Pluma a 0° de Angulo de Pluma (m)	41.1							

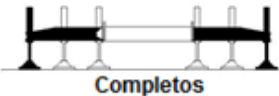
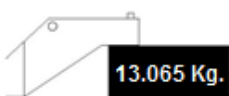


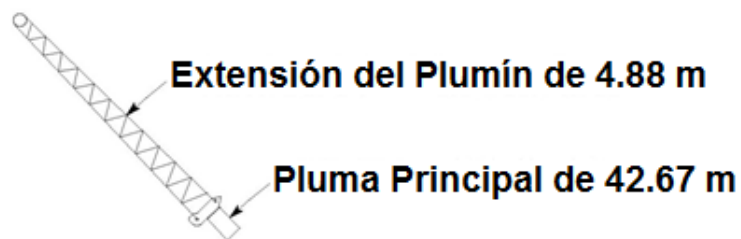
Capacidades de Levante Nominal en Kilógramos			 Completos		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
12	78.5	5 100						
14	77.0	4 850						
16	74.5	4 550	79.0	3 700				
18	72.5	4 300	76.5	3 500				
20	70.5	4 050	74.5	3 350	79.0	2 800		
22	68.0	3 800	72.5	3 200	76.5	2 700		
24	66.0	3 600	70.0	3 050	74.0	2 600	78.0	2 300
26	63.5	3 400	67.5	2 900	71.5	2 500	75.5	2 250
28	61.0	3 250	65.0	2 800	69.0	2 450	72.5	2 200
30	58.5	3 050	62.5	2 700	66.5	2 350	70.0	2 200
32	56.0	2 950	60.0	2 600	64.0	2 300	67.0	2 150
34	53.0	2 750	57.0	2 500	61.0	2 250	64.0	2 150
36	50.0	2 350	54.5	2 400	58.0	2 200	60.5	2 100
38	46.5	2 050	51.0	2 250	55.0	2 200	57.0	2 100
40	43.0	1 750	47.5	1 900	51.5	2 100	53.5	2 100
42	39.0	1 450	43.5	1 650	47.0	1 750	48.5	1 850
44	35.0	1 200	39.0	1 350	42.0	1 450		
46	30.5	1 000	34.0	1 100	36.5	1 200		
48	24.5	800	28.0	900				
50	16.5	650	19.0	650				
Angulo Mínimo de Pluma/Capacidad	0.0	400	0.0	400	0.0	450	0.0	550
Radio (m)	50.8		50.6		49.6		47.7	



Capacidades de Levante Nominal en Kilógramos			 Completos		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
16	78.5	3 000						
18	77.0	3 000						
20	75.5	3 000	79.0	2 850				
22	74.5	3 000	77.0	2 650				
24	72.5	2 950	75.5	2 450	78.5	2 050		
26	71.0	2 700	73.5	2 300	77.0	1 900	79.5	1 650
28	69.0	2 550	71.5	2 150	75.0	1 800	77.5	1 550
30	67.0	2 350	70.0	2 050	73.0	1 700	76.0	1 500
32	65.5	2 200	68.0	1 900	71.0	1 600	74.0	1 450
34	63.5	2 100	66.0	1 800	69.0	1 550	71.5	1 400
36	61.5	1 950	64.0	1 700	67.0	1 450	69.5	1 350
38	59.0	1 850	62.0	1 650	65.0	1 400	67.5	1 300
40	57.0	1 750	59.5	1 550	62.5	1 350	65.0	1 250
42	54.5	1 550	57.5	1 500	60.5	1 300	62.5	1 200
44	52.0	1 300	55.0	1 400	58.0	1 250	60.0	1 150
46	49.5	1 100	52.5	1 250	55.5	1 200	57.5	1 150
48	46.5	900	49.5	1 050	53.0	1 200	55.0	1 150
50	43.5	700	46.5	850	50.0	950	51.5	1 050
52	40.5	550	43.5	650	46.5	750	47.5	800
54	37.0	400	40.0	500	42.5	600		
56					39.0	400		
Angulo Mínimo de Pluma/Capacidad	34.0		36.5		37.0		36.5	
Radio (m)	56.0		56.0		57.0		56.7	
Longitud Máxima de Pluma a 0° de Angulo de Pluma (m)		37.5						



Capacidades de Levante Nominal en Kilógramos			 Completo		 13.065 Kg.			
Radio de Carga (m)	2° de Angulación		15° de Angulación		30° de Angulación		45° de Angulación	
	Δ°	360°	Δ°	360°	Δ°	360°	Δ°	360°
18	78.5	2 350						
20	77.0	2 350						
22	76.0	2 350	78.5	2 100				
24	74.5	2 200	77.0	1 950	80.0	1 650		
26	72.5	2 050	75.0	1 800	78.5	1 550		
28	71.0	1 850	73.5	1 650	76.5	1 400	79.5	1 250
30	69.5	1 750	72.0	1 550	75.0	1 300	77.5	1 200
32	67.5	1 600	70.0	1 400	73.0	1 250	76.0	1 100
34	66.0	1 500	68.5	1 300	71.5	1 150	74.0	1 050
36	64.0	1 400	66.5	1 250	69.5	1 050	72.0	950
38	62.0	1 300	64.5	1 150	67.5	1 000	70.0	900
40	60.5	1 200	62.5	1 050	65.5	950	68.0	850
42	58.5	1 100	61.0	1 000	63.5	900	66.0	800
44	56.5	1 050	59.0	950	61.5	850	64.0	750
46	54.0	1 000	56.5	900	59.5	800	61.5	750
48	52.0	900	54.5	850	57.5	750	59.5	700
50	49.5	700	52.5	800	55.0	700	57.0	650
52	47.0	550	49.5	650	52.5	650	54.0	650
54			47.0	500	50.0	600	51.5	600
56					47.0	450	48.0	450
Angulo Mínimo de Pluma/Capacidad	43.5		44.0		44.5		44.5	
Radio (m)	54.5		56.0		57.5		57.8	
Longitud Máxima de Pluma a 0° de Angulo de Pluma (m)	33.5							



Capacidades de Levante Nominal en Kilógramos Completos 13.065 Kg.		
Radio de Carga (m)	$\angle$ °	360°
12	76.5	7 050
14	75.5	7 050
16	73.5	7 050
18	71.0	7 050
20	68.5	7 050
22	65.0	6 450
24	62.0	5 500
26	59.0	4 700
28	55.5	4 000
30	52.0	3 450
32	48.5	2 950
34	45.0	2 500
36	41.0	2 150
38	36.5	1 800
40	31.5	1 500
42	25.5	1 250
44	17.5	1 000
Angulo Mínimo de Pluma/Capacidad	0.0	500
Radio (m)	45.4	