

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

(LIFT FROM JIB DEAD EYE ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT

LOAD RADIUS IN FEET FROM FRONT	55 TON FORKLIFT LOAD CHART											
	COUNTERWEIGHT FULLY EXTENDED BOOM LENGTH (FEET)						COUNTERWEIGHT FULLY RETRACTED BOOM LENGTH (FEET)					
	12	15.5	19	MANUAL FLY SECTION SEE NOTES			12	15.5	19	MANUAL FLY SECTION SEE NOTES		
1	62	42,600	LOADED BOOM ANGLE Δ°				62	42,600	LOADED BOOM ANGLE Δ°			
2	59	38,800	63	44,000	LOADED BOOM ANGLE Δ°		59	38,800	63	44,000	LOADED BOOM ANGLE Δ°	
3	56	35,700	61	41,200			56	35,700	61	41,200		
4	53	33,200	59	38,800	63	44,000	53	33,200	59	38,800	63	42,000
5	50	31,100	57	36,700	60	40,000	50	31,100	57	36,700	60	34,700
6	46	28,800	53	33,200	58	37,700	46	28,800	53	31,000	58	29,600
7	43	27,300	50	31,100	56	34,800	43	27,300	50	26,100	56	25,700
8	39	25,700	48	29,900	53	29,300	39	23,800	48	23,000	53	21,200
9	35	24,400	44	26,200	51	26,400	35	20,900	44	19,700	51	18,900
10	30	23,100	41	23,500	49	23,900	30	18,300	41	17,500	49	17,000
11	25	21,900	38	21,200	46	21,000	25	16,300	38	15,700	46	14,600
12	18	19,700	34	18,800	43	18,700	18	14,500	34	13,800	43	12,800
13	3	17,600	30	17,200	40	16,800	3	12,800	30	12,500	40	11,300
14	SEE NOTE (E)		25	15,500	37	15,300	SEE NOTE (E)		25	11,100	37	10,000
15		19	14,100	34	13,900	19		9,900	34	9,000		
16		8	12,600	30	12,600	8		8,700	30	8,000		
17				26	11,600				26	7,100		
18				21	10,500				21	6,300		
19				15	9,700				15	5,600		
20				3	8,800				3	5,000		

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
- D) ALL RATINGS ABOVE THE BOLD LINE ARE BASED ON STRUCTURAL OR HYDRAULIC COMPETENCE AND NOT ON MACHINE STABILITY (TIPPING CONDITIONS).
- E) ALL CAPACITIES ARE IN POUNDS.
- F) TELESCOPE CYLINDER MUST BE FULLY RETRACTED AND AGAINST STOPS WHEN USING 15' BOOM.

CAUTION:

- A) DO NOT EXTENDED OR RETRACTED COUNTERWEIGHT WITH ANY LOAD SUSPENDED ON FORKS OR JIB-STINGER.
- B) IT IS NOT NECESSARY TO ADD COUNTERWEIGHT "C" AND "D" ON MACHINE WHEN LIFTING FROM STINGER TIP ONLY.
- C) THIS LOAD IS CALCULATED WITH 3,882 lbs FORKS ON MACHINE.

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

MLLC069
031099

(LIFT FROM JIB DEAD EYE ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT WITH COUNTERWEIGHT "B" ADDED

LOAD RADIUS IN FEET FROM FRONT	COUNTERWEIGHT FULLY EXTENDED BOOM LENGTH (FEET)						COUNTERWEIGHT FULLY RETRACTED BOOM LENGTH (FEET)					
	12		15.5		19		12		15.5		19	
	62	42,600	LOADED BOOM ANGLE Δ°		MANUAL FLY SECTION SEE NOTES		62	42,600	LOADED BOOM ANGLE Δ°		MANUAL FLY SECTION SEE NOTES	
1	62	42,600					62	42,600				
2	59	38,800	63	44,000	LOADED BOOM ANGLE Δ°		59	38,800	63	44,000	LOADED BOOM ANGLE Δ°	
3	56	35,700	61	41,200			56	35,700	61	41,200		
4	53	33,200	59	38,800	63	44,000	53	33,200	59	38,800	63	44,000
5	50	31,100	57	36,700	60	40,000	50	31,100	57	36,700	60	40,000
6	46	28,800	53	33,200	58	37,700	46	28,800	53	33,200	58	37,700
7	43	27,300	50	31,100	56	35,700	43	27,300	50	31,100	56	35,700
8	39	25,700	48	29,900	53	33,200	39	25,700	48	29,900	53	33,200
9	35	24,400	44	27,800	51	31,800	35	24,400	44	27,800	51	31,800
10	30	23,100	41	26,500	49	30,500	30	23,100	41	26,500	49	30,500
11	25	22,100	38	25,400	46	28,800	25	22,100	38	25,400	46	27,300
12	18	21,000	34	24,100	43	27,300	18	21,000	34	24,100	43	24,400
13	3	20,000	30	23,100	40	26,100	3	20,000	30	22,600	40	22,200
14	SEE NOTE (E)		25	22,000	37	25,000	SEE NOTE (E)		25	20,500	37	20,300
15		19	21,100	34	24,100	19		18,800	34	18,600		
16		8	20,200	30	23,100	8		17,000	30	17,100		
17				26	22,200				26	15,800		
18				21	21,200				21	14,500		
19				15	19,800				15	13,500		
20				3	18,600				3	12,500		

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
- D) ALL RATINGS ABOVE THE BOLD LINE ARE BASED ON STRUCTURAL OR HYDRAULIC COMPETENCE AND NOT ON MACHINE STABILITY (TIPPING CONDITIONS).
- E) ALL CAPACITIES ARE IN POUNDS.
- F) TELESCOPE CYLINDER MUST BE FULLY RETRACTED AND AGAINST STOPS WHEN USING 15' BOOM.

CAUTION:







- A) DO NOT EXTENDED OR RETRACTED COUNTERWEIGHT WITH ANY LOAD SUSPENDED ON FORKS OR JIB-STINGER.
- B) IT IS NOT NECESSARY TO ADD COUNTERWEIGHT "C" AND "D" ON MACHINE WHEN LIFTING FROM STINGER TIP ONLY.
- C) THIS LOAD IS CALCULATED WITH 3,882 lbs FORKS ON MACHINE.

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

(LIFT FROM JIB DEAD EYE ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT WITH COUNTERWEIGHT "B" & "C" ADDED

LOAD RADIUS IN FEET FROM FRONT	COUNTERWEIGHT FULLY EXTENDED BOOM LENGTH (FEET)						COUNTERWEIGHT FULLY RETRACTED BOOM LENGTH (FEET)					
	12		15.5		19		12		15.5		19	
		Capacity	Loaded Boom Angle 	Capacity	Manual Fly Section SEE NOTES	Capacity		Capacity	Loaded Boom Angle 	Capacity	Manual Fly Section SEE NOTES	Capacity
1	62	42,600					62	42,600				
2	59	38,800	63	44,000			59	38,800	63	44,000		
3	56	35,700	61	41,200	Loaded Boom Angle 		56	35,700	61	41,200	Loaded Boom Angle 	
4	53	33,200	59	38,800	63	44,000	53	33,200	59	38,800	63	44,000
5	50	31,100	57	36,700	60	40,000	50	31,100	57	36,700	60	40,000
6	46	28,800	53	33,200	58	37,700	46	28,800	53	33,200	58	37,700
7	43	27,300	50	31,100	56	35,700	43	27,300	50	31,100	56	35,700
8	39	25,700	48	29,900	53	33,200	39	25,700	48	29,900	53	33,200
9	35	24,400	44	27,800	51	31,800	35	24,400	44	27,800	51	31,800
10	30	23,100	41	26,500	49	30,500	30	23,100	41	26,500	49	30,500
11	25	22,100	38	25,400	46	28,800	25	22,100	38	25,400	46	28,800
12	18	21,000	34	24,100	43	27,300	18	21,000	34	24,100	43	27,300
13	3	20,000	30	23,100	40	26,100	3	20,000	30	23,100	40	26,100
14	SEE NOTE (E)		25	22,000	37	25,000	SEE NOTE (E)		25	22,000	37	25,000
15			19	21,100	34	24,100			19	21,100	34	23,700
16			8	20,200	30	23,100			8	20,200	30	22,000
17					26	22,200					26	20,400
18					21	21,400					21	18,900
19					15	20,700					15	17,600
20					3	20,000					3	16,400

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
- D) ALL RATINGS ABOVE THE BOLD LINE ARE BASED ON STRUCTURAL OR HYDRAULIC COMPETENCE AND NOT ON MACHINE STABILITY (TIPPING CONDITIONS).
- E) ALL CAPACITIES ARE IN POUNDS.
- F) TELESCOPE CYLINDER MUST BE FULLY RETRACTED AND AGAINST STOPS WHEN USING 15' BOOM.

CAUTION:







- A) DO NOT EXTENDED OR RETRACTED COUNTERWEIGHT WITH ANY LOAD SUSPENDED ON FORKS OR JIB-STINGER.
- B) IT IS NOT NECESSARY TO ADD COUNTERWEIGHT "C" AND "D" ON MACHINE WHEN LIFTING FROM STINGER TIP ONLY.
- C) THIS LOAD IS CALCULATED WITH 3,882 lbs FORKS ON MACHINE.

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

(LIFT FROM JIB DEAD EYE ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT WITH COUNTERWEIGHT "B", "C" & "D" ADDED

LOAD RADIUS IN FEET FROM FRONT	COUNTERWEIGHT FULLY EXTENDED BOOM LENGTH (FEET)						COUNTERWEIGHT FULLY RETRACTED BOOM LENGTH (FEET)					
	12		15.5		19		12		15.5		19	
		Capacity	Loaded Boom Angle 	Capacity	Manual Fly Section See Notes	Capacity		Capacity	Loaded Boom Angle 	Capacity	Manual Fly Section See Notes	Capacity
1	62	42,600					62	42,600				
2	59	38,800	63	44,000	Loaded Boom Angle 	59	38,800	63	44,000	Loaded Boom Angle 	59	38,800
3	56	35,700	61	41,200		56	35,700	61	41,200			
4	53	33,200	59	38,800	63	44,000	53	33,200	59	38,800	63	44,000
5	50	31,100	57	36,700	60	40,000	50	31,100	57	36,700	60	40,000
6	46	28,800	53	33,200	58	37,700	46	28,800	53	33,200	58	37,700
7	43	27,300	50	31,100	56	35,700	43	27,300	50	31,100	56	35,700
8	39	25,700	48	29,900	53	33,200	39	25,700	48	29,900	53	33,200
9	35	24,400	44	27,800	51	31,800	35	24,400	44	27,800	51	31,800
10	30	23,100	41	26,500	49	30,500	30	23,100	41	26,500	49	30,500
11	25	22,100	38	25,400	46	28,800	25	22,100	38	25,400	46	28,800
12	18	21,000	34	24,100	43	27,300	18	21,000	34	24,100	43	27,300
13	3	20,000	30	23,100	40	26,100	3	20,000	30	23,100	40	26,100
14	SEE NOTE (E)		25	22,000	37	25,000	SEE NOTE (E)		25	22,000	37	25,000
15			19	21,100	34	24,100			19	21,100	34	24,100
16			8	20,200	30	23,100			8	20,200	30	23,100
17			26	22,200	26	22,200			26	22,200		
18			21	21,400	21	21,400			21	21,400		
19			15	20,700	15	20,700			15	20,700		
20			3	20,000	3	20,000			3	20,000		

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
- D) ALL RATINGS ABOVE THE BOLD LINE ARE BASED ON STRUCTURAL OR HYDRAULIC COMPETENCE AND NOT ON MACHINE STABILITY (TIPPING CONDITIONS).
- E) ALL CAPACITIES ARE IN POUNDS.
- F) TELESCOPE CYLINDER MUST BE FULLY RETRACTED AND AGAINST STOPS WHEN USING 15' BOOM.

CAUTION:

- A) DO NOT EXTENDED OR RETRACTED COUNTERWEIGHT WITH ANY LOAD SUSPENDED ON FORKS OR JIB-STINGER.
- B) IT IS NOT NECESSARY TO ADD COUNTERWEIGHT "C" AND "D" ON MACHINE WHEN LIFTING FROM STINGER TIP ONLY.
- C) THIS LOAD IS CALCULATED WITH 3,882 lbs FORKS ON MACHINE.

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

(LIFT FROM STINGER TIP ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT

LOAD RADIUS IN FEET FROM FRONT	COUNTERWEIGHT FULLY EXTENDED						COUNTERWEIGHT FULLY RETRACTED					
	BOOM LENGTH (FEET)						BOOM LENGTH (FEET)					
	12		15.5		19		12		15.5		19	
3	63	22,000	LOADED BOOM ANGLE Δ°		MANUAL FLY SECTION SEE NOTES		63	22,000	LOADED BOOM ANGLE Δ°		MANUAL FLY SECTION SEE NOTES	
4	61	20,600	64	22,800	LOADED BOOM ANGLE Δ°		61	20,600	64	22,800	LOADED BOOM ANGLE Δ°	
5	58	18,800	62	21,300			58	18,800	62	21,300		
6	56	17,900	60	20,000	63	22,000	56	17,900	60	20,000	63	22,000
7	53	16,600	58	17,000	61	20,600	53	16,600	58	18,800	61	20,600
8	50	15,500	55	17,400	59	19,400	50	15,500	55	17,400	59	19,400
9	48	14,900	53	16,600	57	18,300	48	14,900	53	16,600	57	18,300
10	45	14,100	51	15,900	55	17,400	45	14,100	51	15,900	55	17,400
11	42	13,400	48	14,900	53	16,600	42	13,400	48	14,900	53	16,600
12	39	12,800	46	14,400	51	15,900	39	12,800	46	14,400	51	15,200
13	35	12,200	43	13,600	49	15,200	35	12,200	43	13,600	49	13,800
14	31	11,600	41	13,200	47	14,600	31	11,600	41	13,100	47	12,600
15	27	11,200	38	12,700	44	13,900	27	11,200	38	11,800	44	11,100
16	22	10,800	35	12,200	42	13,500	22	10,800	35	10,800	42	10,200
17	16	10,400	31	11,700	40	13,000	16	10,300	31	9,700	40	9,500
18	4	10,000	28	11,300	37	12,000	4	9,400	28	9,100	37	8,600
19	SEE NOTE (E)		23	10,800	34	11,000	SEE NOTE (E)		23	8,100	34	7,700
20		18	10,500	31	10,200	18		7,500	31	7,100		
21		10	9,600	28	9,600	10		6,800	28	6,600		
22				24	8,700				24	6,000		
23				20	8,300				20	5,500		
24				14	7,600				14	5,000		
25			4	7,100			4	4,500				

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
- D) ALL RATINGS ABOVE THE BOLD LINE ARE BASED ON STRUCTURAL OR HYDRAULIC COMPETENCE AND NOT ON MACHINE STABILITY (TIPPING CONDITIONS).
- E) ALL CAPACITIES ARE IN POUNDS.
- F) TELESCOPE CYLINDER MUST BE FULLY RETRACTED AND AGAINST STOPS WHEN USING 15' BOOM.

CAUTION:

- A) DO NOT EXTENDED OR RETRACTED COUNTERWEIGHT WITH ANY LOAD SUSPENDED ON FORKS OR JIB-STINGER.
- B) IT IS NOT NECESSARY TO ADD COUNTERWEIGHT "C" AND "D" ON MACHINE WHEN LIFTING FROM STINGER TIP ONLY.
- C) THIS LOAD CHART IS CALCULATED WITH 3,882 lbs FORKS ON MACHINE.

55 TON FORKLIFT LOAD CHART

(WITH FORKS & JIB-STINGER ON)

(LIFT FROM STINGER TIP ONLY)

STANDARD NON-REMOVABLE "A" COUNTERWEIGHT WITH COUNTERWEIGHT "B" ADDED

LOAD RADIUS IN FEET FROM FRONT	COUNTERWEIGHT FULLY EXTENDED BOOM LENGTH (FEET)						COUNTERWEIGHT FULLY RETRACTED BOOM LENGTH (FEET)					
	12		15.5		19		12		15.5		19	
	63°	22,000	64°	22,800	61°	20,600	63°	22,000	64°	22,800	61°	20,600
3	63	22,000	64	22,800	61	20,600	63	22,000	64	22,800	61	20,600
4	61	20,600	62	21,300	59	19,400	58	18,800	62	21,300	59	19,400
5	58	18,800	60	20,000	57	18,300	56	17,900	60	20,000	57	18,300
6	56	17,900	58	17,000	55	17,400	53	16,600	58	18,800	55	17,400
7	53	16,600	55	17,400	53	16,600	50	15,500	55	17,400	53	16,600
8	50	15,500	53	16,600	51	15,900	48	14,900	53	16,600	51	15,900
9	48	14,900	51	15,900	53	16,600	45	14,100	51	15,900	53	16,600
10	45	14,100	48	14,900	51	15,900	42	13,400	48	14,900	51	15,900
11	42	13,400	46	14,400	49	15,200	39	12,800	46	14,400	49	15,200
12	39	12,800	43	13,600	47	14,600	35	12,200	43	13,600	47	14,600
13	35	12,200	41	13,200	44	13,900	31	11,600	41	13,200	44	13,900
14	31	11,600	38	12,700	42	13,500	27	11,200	38	12,700	42	13,500
15	27	11,200	35	12,200	40	13,000	22	10,800	35	12,200	40	13,000
16	22	10,800	31	11,700	37	12,500	16	10,400	31	11,700	37	12,500
17	16	10,400	28	11,300	34	12,000	4	10,000	28	11,300	34	12,000
18	4	10,000	23	10,800	31	11,600	SEE NOTE (E)		23	10,800	31	11,600
19	SEE NOTE (E)		18	10,500	28	11,300			18	10,500	28	11,300
20			10	10,150	24	10,900			10	10,150	24	10,900
21			24	10,900	20	10,600			24	10,900	20	10,600
22			20	10,600	14	10,300			20	10,600	14	10,300
23			14	10,300	4	10,000	14	10,300	4	10,000		
24	SEE NOTE (E)		4	10,000	SEE NOTE (E)		4	10,000	SEE NOTE (E)		4	10,000
25			4	10,000			4	10,000				

NOTES:

- A) WHEN USING JIB-STINGER, TILT CYLINDERS MUST BE FULLY EXTENDED.
- B) FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE LOAD RADIUS WHEN USING FLY SECTION.
- C) FLY SECTION CAPACITIES BELOW BOLD LINE ARE STABILITY LIMITS.
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