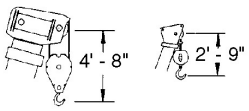
Range Diagram and Lifting Capacity | T560-1

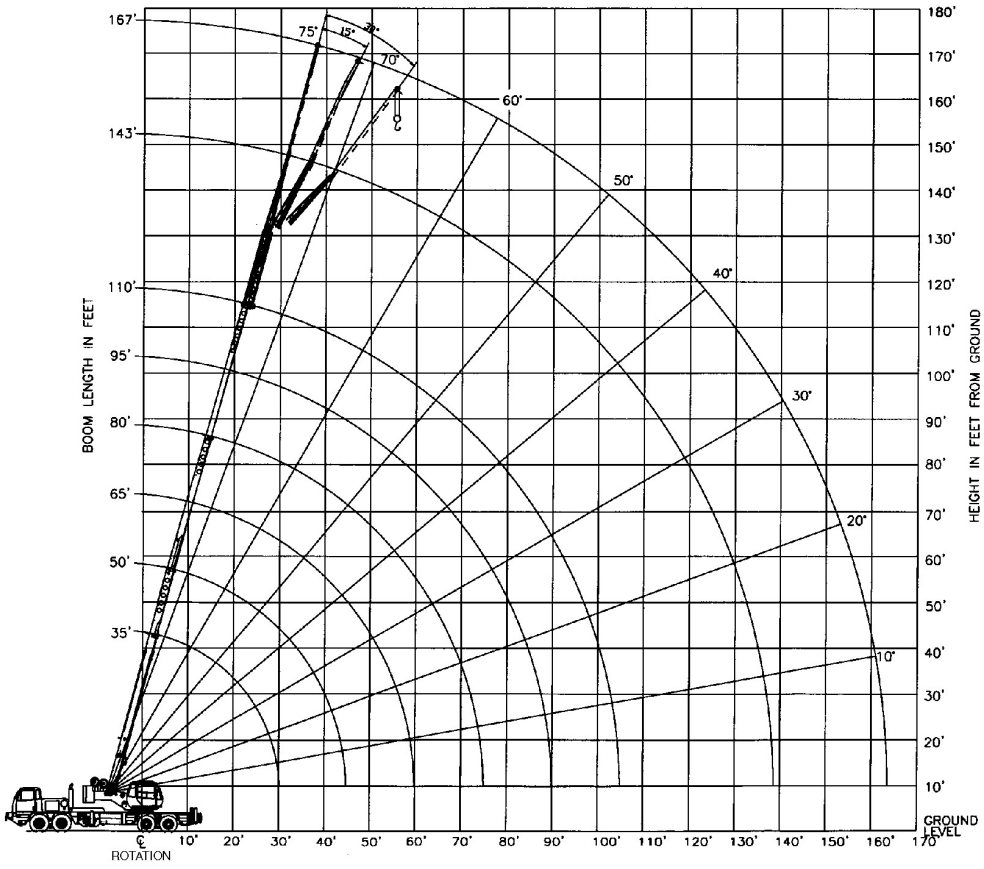
60 TON LIFTING CAPACITY

RANGE DIAGRAM 35' - 110' BOOM

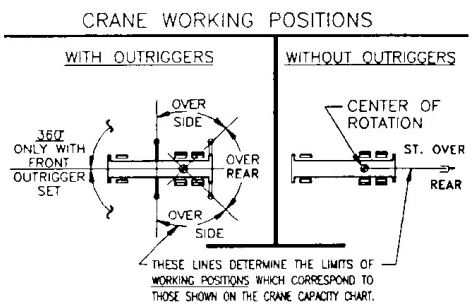


DIMENSIONS ARE FOR LARGEST FACTORY FURNISHED HOOK BLOCK AND HOOK & BALL, WITH ANTI-TWO BLOCK ACTIVATED

COUNTER WEIGHT	W/AUX. WINCH 10,400 LB W/O AUX. WINCH 11,500 LB
BOOM LENGTH	35'-110'
STABILITY PERCENTAGE	ON OUTRIGGERS 85% ON TIRES 75%
PCSA CLASS	10-196



CRANE WORKING CONDITIONS



REDUCTION IN MAIN BOOM CAPACITY

All jib in stowed position	0 lb
Aux. boom in head sheave	100 lb

HOOK BLOCK WEIGHTS

Hook and ball	239 lb
40T Hook block (4 sheave)	690 lb
50T Hook block (5 sheave)	888 lb
50T Hook block (6 sheave)	913 lb
60T Hook block (5 sheave)	1,151 lb
60T Hook block (6 sheave)	1,151 lb

TEREX

TRUCK CRANE

T560-1

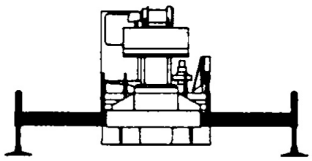
LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 11,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	LOAD RADIUS (FT)
10	66.7	120,000'	120,000*	73.9	60,100*	60,100*				10
12	63.1	106,500*	106,500*	71.5	60,100*	60,100*				12
15	57.5	83,400*	83,400*	67.9	60,100*	60,100*	73.2	58,800*	58,800*	15
20	47.1	60,200*	60,200*	61.5	60,100*	60,100*	68.5	52,200*	52,200*	20
25	34.5	46,100*	46,100*	54.8	47,500*	47,500*	63.7	46,900*	46,900*	25
30	14.8	36,600*	32,000	47.4	38,100*	33,900	58.6	38,700*	34,400	30
31.2	0.0	20,900*	20,900*	39.1	31400	25600	53.3	3200	26200	31.2
40				28.8	26,100	19,600	47.6	26,800	20,300	40
46.2				0.0	12,700*	12,700*	34.1	19,200	13,400	46.2
50							34.1	18,200	13,200	50
55							25.2	15,300	10,800	55
60							10.9	13,000	8,800	60
61.2							0.0	8,300*	8,300*	61.2
70										70
75										75
80										80
85										85
90										90
95										95

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED



TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 11,500 LB COUNTERWEIGHT

	BOOM LENGTH 80'			BOOM LENGTH 95'			BOOM LENGTH 110'			
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360º (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360º (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360º (LB)	LOAD RADIUS (FT)
10										10
12										12
15										15
20	72.7	46,200*	46,200*							20
25	68.9	40,700*	40,700*	72.3	35,300*	35,300*				25
30	65.0	36,000*	35,100	69.1	31,100*	31,100*	69.3	24,800*	24,800*	30
35	61.0	32,200*	26,500	65.9	28,000*	26,700	69.3	24,800*	24,800*	35
40	56.8	27,400*	20,800	62.5	25,200*	21,000	66.5	22,500*	21,200*	40
45	52.4	23,400*	16,800	59.1	23,100*	17,000	63.7	20,600*	17,100	45
50	47.1	19,600	13,800	55.5	19,800	14,000	60.7	18,800	14,100	50
55	42.7	16,600	11,400	51.2	16,800	11,600	57.7	16,900	11,800	55
60	37.1	14,200	9,500	47.8	14,400	9,800	65.5	14,500	9,900	60
65	30.6	12,200	7,900	43.6	12,400	8,200	51.2	12,600	8,400	65
70	22.7	10,500	6,600	39.0	10,800	6,900	47.8	11,000	7,100	70
75	9.8	9,000	5,400	33.9	9,400	5,800	44.2	9,600	6,000	75
76.2	0.0	5,500*	5,100	28.1	8,200	4,900	40.3	8,400	5,100	76.2
85				20.8	7,100	4,000	36.1	7,400	4,300	85
90				9.0	6,200	3,300	31.5	6,400	3,500	90
91.2				0.0	3,600*	3,100	26.0	5,600	2,900	91.2
100							19.3	4,900	2,300	100
105							8.3	4,200	1,800	105
106.2							0.0	2,300*	1,600	106.2

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35'			BOOM LENGTH 50'			BOOM LENGTH 65'			BOOM LENGTH 80'			BOOM LENGTH 95'			BOOM LENGTH 110'		
LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360º (LB)
31.2	21,000*	21,000*	46.2	12,800*	12,600*	61.2	8.400*	8,300	76.2	5,600*	5,000	91.2	3,700*	2,900	106.17	2,400*	1,500

TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

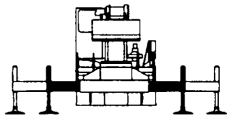
ON OUTRIGGERS - MID POSITION AND WITH 11,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' 360° (DEG)	BOOM LENGTH 65' LOADED BOOM ANGLE (LB)	BOOM LENGTH 65' 360° (DEG)	BOOM LENGTH 80' LOADED BOOM ANGLE (LB)	BOOM LENGTH 80' 360° (DEG)	BOOM LENGTH 95' LOADED BOOM ANGLE (LB)	BOOM LENGTH 95' 360° (DEG)	BOOM LENGTH 110' LOADED BOOM ANGLE (LB)	BOOM LENGTH 110' (DEG)	LOAD RADIUS (FT)
10	66.7	102,700*	73.9	80,000*									10
12	63.1	87,700*	71.5	80,000*									12
15	57.4	63,600	67.8	65,000	73.2	61,900*							15
20	47.1	35,300	61.5	36,600	68.5	37,200	72.7	37,500					20
25	34.5	22,700	65.8	24,200	63.7	24,700	68.9	25,000	72.3	25,200			25
30	14.8	15,400	47.4	17,100	58.3	17,700	65.0	18,000	69.1	18,100	72.1	18,300	30
31.2	0.0	13,900	39.1	12,400	53.3	13,100	61.0	13,400	65.9	13,600	69.3	13,800	31.2
40			28.8	9,200	47.6	10,000	56.8	10,300	62.5	10,500	66.5	10,600	40
45			12.4	6,700	41.3	7,600	52.4	8,000	59.1	8,200	63.7	8,300	45
46.2			0.0	6,100	34.1	5,700	47.1	6,200	55.5	6,400	60.7	6,500	46.2
55					25.2	4,300	42.7	4,700	51.2	5,000	57.7	5,100	55
60					10.9	3,000	37.1	3,500	47.8	3,800	54.5	4,000	60
61.2					0.0	2,700	30.6	2,500	43.6	2,800	51.2	3,000	61.2
70							22.7	1,700	39.0	2,000	47.8	2,200	70

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' 360° (LB)
31.2	13,400	46.2	5,900	61.2	2,500						

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE PINNED IN MID POSITION



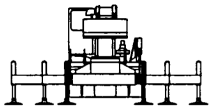
ON OUTRIGGERS - RETRACTED AND WITH 11,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' 360° (DEG)	BOOM LENGTH 65' LOADED BOOM ANGLE (LB)	BOOM LENGTH 65' 360° (DEG)	BOOM LENGTH 80' LOADED BOOM ANGLE (LB)	BOOM LENGTH 80' 360° (DEG)	BOOM LENGTH 95' LOADED BOOM ANGLE (LB)	BOOM LENGTH 95' 360° (DEG)	BOOM LENGTH 110' LOADED BOOM ANGLE (LB)	BOOM LENGTH 110' 360° (DEG)	LOAD RADIUS (FT)
10	66.7	53,600	73.9	54,800									10
12	63.1	38,500	71.5	39,600									12
15	57.4	25,800	67.8	27,000	73.2	27,500							15
20	47.1	15,000	61.5	16,400	68.5	16,800	72.7	17,100					20
25	34.5	9,300	54.8	10,600	63.7	11,200	68.9	11,500	72.3	11,700			25
30	14.8	5,600	47.4	7,000	58.6	7,700	65.0	8,000	69.1	8,200	72.1	8,300	30
31.2	0.0	4,800	39.1	4,600	53.3	5,300	61.0	5,600	65.9	5,800	69.3	5,900	31.2
40			28.8	2,800	47.6	3,500	56.8	3,900	62.5	4,100	66.5	4,200	40
45					41.3	2,100	52.4	2,500	59.1	2,800	63.7	2,900	45
50											60.7	1,900	50

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' 360° (LB)
31.2	4,800										

USE THESE CHARTS WHEN ALL OUTRIGGER BEAMS ARE NOT IN EITHER THE MID OR FULLY EXTENDED POSITION



TEREX

TRUCK CRANE

T560-1

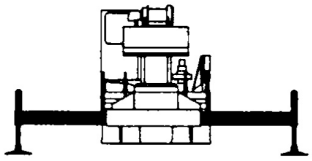
LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 7,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	LOAD RADIUS (FT)
10	66.7	120,000*	120,000*	73.9	80,000*	80,000*				10
12	63.1	103,400*	69,800*	71.5	80,000*	80,000*				12
15	57.4	71,000*	79,100*	67.8	78,100*	78,400*	73.2	61,900*	61,600*	15
20	46.1	58,300*	58,300*	61.5	59,600*	59,600*	68.5	54,800*	56,800*	20
25	34.5	44,600*	41,600	54.8	45,900*	42,800	63.7	46,600*	46,500	25
30	14.8	35,300*	28,100	47.4	36,800*	29,900	58.6	37,400*	30,500	30
31.2	0.0	20,900*	20,900*	39.1	30,200*	22,200	53.3	30,900*	22,800	31.2
40				28.8	24,700	17,000	47.6	25,400	17,700	40
45				12.4	19,800	13,200	41.3	20,700	14,100	45
46.2				0.0	12,700*	12,300	34.1	17,100	11,300	46.2
55							25.2	14,200	9,100	55
61.2							0.0	8,300*	6,900	61.2

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED



ON OUTRIGGERS - FULLY EXTENDED WITH 7,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 80' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 80' OVER REAR (LB)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 95' OVER REAR (LB)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 110' OVER REAR (LB)	BOOM LENGTH 110' 360° (LB)	LOAD RADIUS (FT)
10										10
12										12
15										15
20	72.2	46,200*	46,200*							20
25	68.9	40,700*	40,700*	72.3	35,300*	35,300*				25
30	65.0	36,000*	30,800	69.1	31,100*	31,100	72.1	27,500*	27,500*	30
35	61.0	31,300*	23,100	65.9	28,000*	23,300	69.3	24,800*	23,500	35
40	56.8	25,700	18,000	62.5	25,200*	18,200	66.5	22,500*	18,400	40
45	52.4	21,000	14,400	59.1	21,200	14,600	63.7	20,600*	14,700	45
50	47.1	17,500	11,700	55.5	17,700	11,900	60.7	17,800	12,000	50
55	42.7	14,700	6,900	51.2	14,900	9,800	57.7	15,000	9,900	55
60	37.1	12,500	7,900	47.8	12,700	8,100	54.5	12,800	8,200	60
65	30.6	10,600	6,400	43.6	10,900	6,700	51.2	11,000	6,800	65
70	22.7	9,100	5,200	39.0	9,400	5,500	47.8	6,500	5,700	70
75	9.8	7,700	4,200	33.9	8,100	4,500	44.2	8,300	4,700	75
76.2	0.0	5,500	3,900	28.1	7,000	3,700	40.3	7,200	3,900	76.2
85				20.8	6,000	2,900	36.1	6,200	3,200	85
90				9.0	5,100	2,200	31.5	5,400	2,500	90
91.2				0.0	3,600	2,000	26.0	4,600	1,900	91.2
100							19.3	3,900	1,400	100
106.2							0.0	2,300	700	106.2

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' OVER REAR (LB)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' OVER REAR (LB)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' OVER REAR (LB)	BOOM LENGTH 110' 360° (LB)
31.2	21,000*	21,000*	46.2	12,800*	12,500	61.2	8,400*	6,900	76.2	5,600*	3,900	91.2	3,700*	2,000	106.17	2,400*	700

TEREX

TRUCK CRANE

T560-1

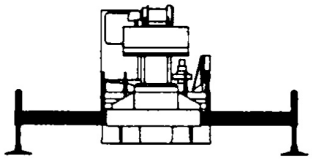
LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 4,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	LOAD RADIUS (FT)
10	66.7	120,000*	120,000*	73.9	80,000*	80,000*				10
12	63.1	100,900*	95,000*	71.5	80,000*	80,000*				12
15	57.4	78,900*	77,600*	67.8	78,400*	78,400*	73.2	61,900*	61,900*	15
20	47.1	56,800*	56,800*	61.5	58,100*	58,100*	68.5	54,800*	54,800*	20
25	34.5	43,400*	38,700	54.8	44,700*	40,200	63.7	45,300*	40,900	25
30	14.8	34,200*	26,100	47.4	35,700*	27,900	58.6	36,400*	28,500	30
31.2	0.0	20,900*	20,900	39.1	29,300*	20,600	53.3	29,900*	21,200	31.2
40				28.8	22,900	15,600	47.6	23,700	16,300	40
45				12.4	18,300	12,000	41.3	19,200	12,900	45
46.2				0.0	12,700	11,100	34.1	15,800	10,200	46.2
55							25.2	13,100	8,100	55
60							10.9	10,900	6,400	60
61.2							0.0	8,300	6,000	61.2

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED



ON OUTRIGGERS - FULLY EXTENDED WITH 4,500 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 80' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 80' OVER REAR (LB)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 95' OVER REAR (LB)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOADED N BOOM ANGLE (DEG)	BOOM LENGTH 110' OVER REAR (LB)	BOOM LENGTH 110' 360° (LB)	LOAD RADIUS (FT)
10										10
12										12
15										15
20	72.2	46,200*	46,200*							20
25	68.9	40,700*	40,700*	72.3	35,300*	35,300*				25
30	65.0	36,000*	28,800	69.1	31,100*	29,000	72.1	27,500*	27,500*	30
35	61.0	30,200	21,500	65.9	28,000*	21,700	69.3	24,800*	21,800	35
40	56.8	24,000	16,600	62.5	24,200	16,800	66.5	22,500*	17,000	40
45	52.4	19,500	13,200	59.1	19,700	13,400	63.7	19,800	13,500	45
50	47.1	16,200	10,600	55.5	16,400	10,800	60.7	16,500	10,900	50
55	42.7	13,600	8,600	51.2	13,800	8,800	57.7	13,900	8,900	55
60	37.1	11,500	7,000	47.8	11,700	7,200	54.5	11,800	7,300	60
65	30.6	9,700	5,600	43.6	10,000	5,900	51.2	10,100	6,000	65
70	22.7	8,200	4,400	39.0	8,600	4,800	47.8	8,700	4,900	70
75	9.8	6,900	3,400	33.9	7,300	3,800	44.2	7,500	4,000	75
76.2	0.0	5,500	3,200	28.1	6,300	3,000	43.3	6,500	3,200	76.2
85				20.8	5,300	2,300	36.1	5,600	2,500	85
90				9.0	4,500	1,600	31.5	4,800	1,900	90
91.2				0.0	3,600	1,400	26.0	4,000	400	91.2
100							19.3	3,400	800	100
105							8.3	2,800		105
106.2							0.0	2,300*		106.2

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' OVER REAR (LB)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' OVER REAR (LB)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' OVER REAR (LB)	BOOM LENGTH 110' 360° (LB)
31.2	20,900*	20,900*	46.2	12,700*	10,800	61.2	8,300*	5,800	76.2	5,600*	3,100	91.2	3,700*	1.400	106.17	2,300*	

TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

SIDE STOW JIB ON FULLY EXTENDED OUTRIGGERS WITH 11,500 COUNTERWEIGHT

LOADED BOOM ANGLE (DEG)	33' OFFSETTABLE JIB									57' OFFSETTABLE JIB									LOADED BOOM ANGLE (DEG)
	0° OFFSET			15° OFFSET			30° OFFSET			0° OFFSET			15° OFFSET			30° OFFSET			
	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	
75	39	12,500*	12,500*	48	8,500*	8,500*	54	6,400*	6,400*	47	6,500*	6,500*	64	4,500*	4,500*	73	3,300*	3,300*	75
73	44	11,800*	11,800*	53	8,100*	8,100*	59	6,200*	6,200*	54	6,400*	6,400*	69	4,300*	4,300*	78	3,200*	3,200*	73
71	49	11,200*	11,200*	58	7,800*	7,800*	63	6,100*	6,100*	60	6,200*	6,200*	75	4,100*	4,100*	83	3,100*	3,100*	71
68	57	10,300*	10,300*	65	7,500*	7,500*	70	5,900*	5,900*	69	6,000*	6,000*	83	3,900*	3,900*	90	3,000*	3,000*	68
65	64	9,500*	9,000	71	7,100*	7,100*	77	5,900*	5,900*	78	5,400*	5,400*	90	3,700*	3,700*	97	2,900*	2,900*	65
62	71	8,800*	7,500	78	6,700*	6,500	83	5,600*	5,600*	86	4,900*	4,900*	97	3,500*	3,500*	103	2,800*	2,800*	62
59	78	8,200*	6,300	84	6,400*	5,500	88	5,400*	5,200	64	4,500*	4,500*	104	3,300*	3,300*	109	2,700*	2,700*	59
55	86	7,500	4,900	62	6,200*	4,400	96	5,300*	4,200	104	4,200*	3,600	113	3,100*	3,100*	117	2,600*	2,600*	55
51	94	6,400	3,700	99	5,900*	3,500	102	5,200*	3,300	113	3,800*	2,800	120	2,900*	2,600	124	2,500*	2,400	51
47	101	4,500	2,900	105	5,100	2,800	108	4,800	2,600	121	3,500*	2,100	128	2,800*	2,000	130	2,500*	1,900	47
43	107	4,600	2,200	111	4,400	2,100	114	4,100	2,000	128	3,200	1,600	134	2,700*	1,500	136	2,400*	1,400	43
38	114	3,700	1,600	118	3,600	1,500	119	3,400	1,400	136	2,800	110	141	2,600*	1,000	142	2,400*	900	38
32	122	2,900	900	125	2,900	900	125	2,700	800	144	2,300		148	2,200		149	2,100		32
25	129	2,300		131	2,300					152	1,800		155	1,800					25
17	135	1,900		136	1,800					159	1,400		160	1,400					17
0	141	400																	

Notes For Jib Capacities:

A. For all boom lengths less than the maximum with a jib erected, the rated loads are determined by boom angle only In the appropriate column.
B. For boom angle not shown, use the capacity of the next lower boom angle.
C. Listed radii are for extended main boom only.

ON TIRES

RADIUS (FT)	MAX BOOM LENGTH (FT)	ALL		
		STATIONARY		PICK & CARRY
		STATIC	CREEP	2.5 MPH
		360°	STRAIGHT OVER REAR	
10	35	28,100*	17,700*	11,600*
12	35	25,500*	15,800*	10,200*
15	35	22,300*	13,400	8,300*
20	50	18,000*	10,300	5,800*
25	50	14,600*	7,600	3,900*
30	50	11,900*	5,800	2,300*
35	50	9,600	4,400	1,200*
40	65	7,200	3,500	
45	65	5,700	2,700	
50	65	4,600	2,000	
55	65	3,600	1,400	
60	80	2,800		
65	80	1,500		
70	95	1,200		

Notes For Tire Capacities:

A. For Pick and Carry operations, boom must be centered over the front of the crane with swing brake and lock engaged. Use minimum boom point height and keep load close to ground surface.
B. The load should be restrained from swinging. NO ON TIRE OPERATION WITH JIB ERECTED.
C. Without outriggers, never maneuver the boom beyond listed load radii for applicable tires to ensure stability.
D. Creep speed Is crane movement of less than 200' (61 m) in a 30 minute period and not exceeding 1.0 mph (1.6 km/h).
E. Refer to General Notes for additional information.

MAXIMUM PERMISSIBLE HOIST LINE LOAD

LINE PARTS	1	2	3	4	5	6	7	8	9	10
MAIN & AUX. HOIST	138,00	27,600	41,400	55,200	69,000	82,800	96,600	100,400	124,200	130,000

WIRE ROPE: 3/4" ROTATION RESISTANT 34X7 COMPACTED STRAND, GRADE 2160, MINIMUM BREAKING STRENGTH - 34.5 TONS. 3/4" 6X19 OR 6X37, IPS, IWRC, PERFORMED RIGHT REGULAR LAY MINIMUM BREAKING STRENGTH - 25.6 TONS. WEIGHT 1.04 LB/FT.

TEREX

TRUCK CRANE

T560-1

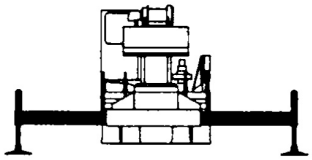
LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 15,400 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' OVER REAR (LB)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' OVER REAR (LB)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 65' OVER REAR (LB)	BOOM LENGTH 65' 360° (LB)	LOAD RADIUS (FT)
10	66.7	120,000*	120,000*	73.9	80,000*	80,000*				10
12	63.1	107,000*	100700*	71.5	80,000*	80,000*				12
15	57.5	87,100*	82800*	67.8	78,400*	78,400*	73.2	61,900*	61,900*	15
20	47.1	62,900*	6250*	61.5	63,300*	63,300*	68.5	54,800*	54,800*	20
25	34.5	48,300*	48300*	54.8	49,600*	49,600*	63.7	49,100*	49,100*	25
30	14.8	36,800*	36700	47.4	39,900*	38,600	58.6	40,500*	39,100	30
31.2	0.0	20,900*	20,900*	39.1	32,800*	29,100	53.3	33,500*	29,700	31.2
40				28.8	27,500*	22,700	47.6	28,300*	23,400	40
45				12.4	22,200*	18,100	41.3	24,200*	19,000	45
46.2				0.0	12,700*	12,700	34.1	20,800*	15,600	46.2
50							34.1	17900	12,900	50
55							25.2	17900	12,900	55
60							10.9	14700	10,700	60
61.2							0.0	8,300*	8,300*	61.2

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED



TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

ON OUTRIGGERS - FULLY EXTENDED WITH 15,400 LB COUNTERWEIGHT

	BOOM LENGTH 80'			BOOM LENGTH 95'			BOOM LENGTH 110'			
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)
10										10
12										12
15										15
20	72.7	46,200*	46,200*							20
25	68.9	40,700*	40,700*	72.3	35,300*	35300*				25
30	65.0	36,000*	36,000*	69.1	28,000*	26700*	69.3	24,800*	24,800*	30
35	61.0	32,200*	26,500	65.9	28,000*	28,000*	69.3	24,800*	24,800*	35
40	56.8	28,700*	23,800	62.5	25,200*	24,000	66.5	22,500*	22,500*	40
45	52.4	24,600*	19,300	59.1	23,100*	19,500	63.7	20,600*	19,600	45
50	47.1	21,300*	16,000	55.5	21,300*	16,200	60.7	18,800*	16,300	50
55	42.7	18,400	13,400	51.2	18,600	13,600	57.7	17,400*	13,700	55
60	37.1	15,800	11,300	47.8	16,000	11,500	54.5	16,200	11,700	60
65	30.6	13,600	9,600	43.6	13,900	9,800	51.2	14,100	10,000	65
70	22.7	11,900	8,100	39.0	12,200	8,400	47.8	12,300	8,600	70
75	9.8	10,300	6,800	33.9	10,700	7,200	44.2	10,900	7,400	75
76.2	0.0	5,500*	5,500	28.1	9,400	6,200	40.3	9,600	6,400	76.2
85				20.8	8,200	5,200	36.1	8,500	5,500	85
90				9.0	7,200	4,400	31.5	7,500	4,700	90
91.2				0.0	3,600*	3,600	26.0	6,600	4,000	91.2
100							19.3	5,800	3,300	100
106.2							8.3	5,100	2,700	106.2

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35'			BOOM LENGTH 50'			BOOM LENGTH 65'			BOOM LENGTH 80'			BOOM LENGTH 95'			BOOM LENGTH 110'		
LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)
31.2	21,000*	21,000*	46.2	12,800*	12,600*	61.2	8.400*	8,300	76.2	5,600*	5,000	91.2	3,700*	2,900	106.17	2,400*	1,500

TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

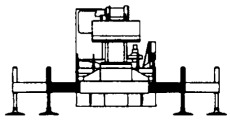
ON OUTRIGGERS - MID POSITION AND WITH 15,400 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' 360° (DEG)	BOOM LENGTH 65' LOADED BOOM ANGLE (LB)	BOOM LENGTH 65' 360° (DEG)	BOOM LENGTH 80' LOADED BOOM ANGLE (LB)	BOOM LENGTH 80' 360° (DEG)	BOOM LENGTH 95' LOADED BOOM ANGLE (LB)	BOOM LENGTH 95' 360° (DEG)	BOOM LENGTH 110' LOADED BOOM ANGLE (LB)	BOOM LENGTH 110' (DEG)	LOAD RADIUS (FT)
10	66.7	105,200*	73.9	80,000*									10
12	63.1	90,000*	71.5	80,000*									12
15	57.4	73,100*	67.8	74,200*	73.2	61,900*							15
20	47.1	41,300	61.5	42,600	68.5	43,200	72.7	43,600					20
25	34.5	27,000	54.8	28,500	63.7	29,000	68.9	29,300	72.7	29,500			25
30	14.8	18,700	47.4	20,400	58.6	21,000	65.0	21,300	69.1	21,500	72.1	21,600	30
31.2	0.0	17,100	39.1	15,200	53.3	15,900	61.0	16,100	65.9	16,300	69.3	16,500	31.2
40			28.8	11,500	47.6	12,200	56.8	12,600	62.5	12,800	66.5	12,900	40
45			12.4	8,700	41.3	9,500	52.4	9,900	59.1	10,100	63.7	10,300	45
46.2			0.0	8,000	34.1	7,400	46.1	7,900	55.5	8,100	60.7	8,200	46.2
55					25.2	5,800	42.7	6,200	51.2	6,500	57.7	6,600	55
60					10.9	4,400	37.1	4,900	47.8	5,200	54.5	5,300	60
61.2					0.0	4,000	30.6	3,800	43.6	4,100	51.2	4,300	61.2
70							22.7	2,800	39.0	3,100	47.8	3,300	70
75							9.8	2,000	33.9	2,300	44.2	2,500	75

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' 360° (LB)
31.2	13,400	46.2	5,900	61.2	2,500						

USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE PINNED IN MID POSITION



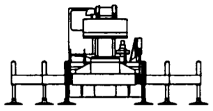
ON OUTRIGGERS - RETRACTED AND WITH 15,400 LB COUNTERWEIGHT

LOAD RADIUS (FT)	BOOM LENGTH 35' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOADED BOOM ANGLE (DEG)	BOOM LENGTH 50' 360° (DEG)	BOOM LENGTH 65' LOADED BOOM ANGLE (LB)	BOOM LENGTH 65' 360° (DEG)	BOOM LENGTH 80' LOADED BOOM ANGLE (LB)	BOOM LENGTH 80' 360° (DEG)	BOOM LENGTH 95' LOADED BOOM ANGLE (LB)	BOOM LENGTH 95' 360° (DEG)	BOOM LENGTH 110' LOADED BOOM ANGLE (LB)	BOOM LENGTH 110' 360° (DEG)	LOAD RADIUS (FT)
10	66.7	61,700	73.9	60,900									10
12	63.1	44,700	71.5	45,700									12
15	57.4	30,300	67.8	31,500	73.2	32,000							15
20	47.1	18,200	61.5	19,500	68.5	20,000	72.7	20,300					20
25	34.5	11,700	54.8	13,100	63.7	13,700	68.9	13,900	72.3	14,100			25
30	14.8	7,600	47.4	9,000	58.6	9,700	65.0	10,000	69.1	10,200	72.1	10,300	30
31.2	0.0	6,700	39.1	6,300	53.3	7,000	61.0	7,300	65.9	7,500	69.3	7,600	31.2
40			28.8	4,300	47.6	5,000	56.8	5,300	62.5	5,600	66.5	5,700	40
45				2,700	41.3	3,500	52.4	3,800	59.1	4,100	63.7	4,200	45
46.2					2300	2,300	51.2	2,700	55.5	2,900	60.7	3,100	50
55									51.2	2,000	57.7	2,100	55

**MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 35' LOAD RADIUS (FT)	BOOM LENGTH 35' 360° (LB)	BOOM LENGTH 50' LOAD RADIUS (FT)	BOOM LENGTH 50' 360° (LB)	BOOM LENGTH 65' LOAD RADIUS (FT)	BOOM LENGTH 65' 360° (LB)	BOOM LENGTH 80' LOAD RADIUS (FT)	BOOM LENGTH 80' 360° (LB)	BOOM LENGTH 95' LOAD RADIUS (FT)	BOOM LENGTH 95' 360° (LB)	BOOM LENGTH 110' LOAD RADIUS (FT)	BOOM LENGTH 110' 360° (LB)
31.2	4,000										

USE THESE CHARTS WHEN ALL OUTRIGGER BEAMS ARE NOT IN EITHER THE MID OR FULLY EXTENDED POSITION



TEREX

TRUCK CRANE

T560-1

LIFTING CAPACITIES

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change

SIDE STOW JIB ON FULLY EXTENDED OUTRIGGERS WITH 15,400 COUNTERWEIGHT

LOADED BOOM ANGLE (DEG)	57' OFFSETTABLE JIB									33' OFFSETTABLE JIB									LOADED BOOM ANGLE (DEG)
	0° OFFSET			15° OFFSET			30° OFFSET			0° OFFSET			15° OFFSET			30° OFFSET			
	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	FRONT ONLY (LB)	360° (LB)	
75	48	6,500*	6,500*	63	4,500*	4,500*	73	3,300	3,300*	37	12,500*	12,500*	48	8,500*	8,500*	54	6,400	6,400	75
73	54	6,400*	6,400*	69	4,300*	4,300*	78	3,200	3,200*	43	11,800*	11,800*	53	8,100*	8,100*	59	6,200	6,200	73
71	60	6,200*	6,200*	74	4,100*	4,100*	83	3,100	3,100*	48	11,200*	11,200*	58	7,800*	7,800*	63	6,100	6,100	71
68	69	6,000*	6,000*	82	3,900*	3,900*	90	3,000	3,000*	56	10,300*	10,300*	65	7,500*	7,500*	70	5,900	5,900	68
65	78	5,400*	5,400*	90	3,700*	3,700*	97	2,900	2,900*	64	9,500*	9,500*	72	7,100*	7,100*	76	5,900	5,900	65
62	86	4,900*	4,900*	97	3,500*	3,500*	103	2,800	2,800*	71	8,800*	8,700	78	6,700*	6,700*	82	5,600	5,600	62
59	94	4,500*	4,500*	104	3,300*	3,300*	109	2,700	2,700*	78	8,200*	7,400	74	6,400*	6,400*	88	5,400	5,400	59
55	103	4,200*	4,200*	112	3,100*	3,100*	117	2,600	2,600*	86	7,600*	4,900	92	6,200*	5,400	950	5,300	5,100	55
51	112	3,800*	3,700	120	2,900*	2,900*	124	2,500	2,500*	940	7,100*	4,800	99	5,900*	4,400	102	8,500	4,200	51
47	120	3,500*	3,000	127	2,800*	2,700	130	2,500	2,500*	101	6,100	3,800	106	5,600*	3,600	108	5,100	3,500	47
43	128	3,300*	2,400	134	2,700*	2,200	136	2,400	2,100	108	5,300	3,100	112	5,000	2,900	114	4,900	2,900	43
38	136	6,100*	1,800	141	2,600*	1,700	1420	2,400	1,600	115	4,400	2,400	118	4,300	2,200	120	4,200	2,200	38
32	145	2,800*	1,300	148	2,500*	1,100	149	2,400	1,200	123	3,600	1,700	125	3,500	1,600	126	3,500	1,600	32
25	153	2,300	700	155	1,300					130	3,000	1,000	131	2,900	900				25
17	159	1,900		160	1,900					136	2,500		136	2,400					17
0	164	300								139	400								0

Notes For Jib Capacities:

A. For all boom lengths less than the maximum with a jib erected, the rated loads are determined by boom angle only In the appropriate column.
B. For boom angle not shown, use the capacity of the next lower boom angle.
C. Listed radii are for extended main boom only.

ON TIRES

RADIUS (FT)	MAX BOOM LENGTH (FT)	ALL		
		STATIONARY		PICK & CARRY
		STATIC	CREEP	2.5 MPH
		360°	STRAIGHT OVER FRONT	
10	35	26,800*	16,400*	10,300*
12	35	24,300*	14,600*	8,900*
15	35	21,100*	12,300*	7,200*
20	25	17,000*	9,300*	4,900*
25	50	13,800*	7,000*	3,100*
30	50	11,100*	5,100*	
35	50	9,200*	3,700*	
40	65	7,800*	2,800*	
45	65	6,700*	2,100*	
50	65	5,700*		
55	65	4,800*		
60	80	3,800		
65	80	3,000		
70	95	2,300		
75	95	1,800		

Notes For On Tire Capacities:

A. For Pick and Carry operations, boom must be centered over the front of the crane with swing brake and lock engaged. Use minimum boom point height and keep load close to ground surface.
B. The load should be restrained from swinging. NO ON TIRE OPERATION WITH JIB ERECTED.
C. Without outriggers, never maneuver the boom beyond listed load radii for applicable tires to ensure stability.
D. Creep speed Is crane movement of less than 200' (61 m) in a 30 minute period and not exceeding 1.0 mph (1.6 km/h).
E. Refer to General Notes for additional information.

MAXIMUM PERMISSIBLE HOIST LINE LOAD

LINE PARTS	1	2	3	4	5	6	7	8	9	10
MAIN & AUX. HOIST	138,00	27,600	41,400	55,200	69,000	82,800	96,600	100,400	124,200	130,000

WIRE ROPE: 3/4" ROTATION RESISTANT 34X7 COMPACTED STRAND, GRADE 2160, MINIMUM BREAKING STRENGTH - 34.5 TONS. 3/4" 6X19 OR 6X37, IPS, IWRC, PERFORMED RIGHT REGULAR LAY MINIMUM BREAKING STRENGTH - 25.6 TONS. WEIGHT 1.04 LB/FT.

General Notes | T500-1 Series

GENERAL

1. Rated loads as shown on Lift Charts pertain to this machine as originally manufactured and equipped. Modifications to the machine or use of optional equipment or other than that specified can result in a reduction of capacity.
2. Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance of this machine shall be in compliance with the information in the Operator's, Parts and Safety Manuals supplied with this machine. If These manuals are missing, order replacements from the manufacturer through your distributor.
3. These warnings to not constitute all of the operating conditions for the crane. The operator and job site supervision must read the OPERATORS MANUAL, CIMA SAFETY MANUAL, APPLICABLE OSHA REGULATIONS, AND SOCIETY OF MECHANICAL ENGINEERS (ASME) SAFETY STANDINGS FOR CRANES.
4. This crane and its load ratings are in accordance with POWER CRANE & SHOVEL ASSOCIATION, STANDARD NO.4 SAE CRANE LOAD STABILITY TEST CODE J765A, SAE METHOD OF TEST FOR CRANE STRUCTURE J1063 AND APPLICABLE SAFETY CODE FOR CRANES, DERRICKS AND HOISTS, ASME/ANSI B30.5

DEFINITIONS

1. LOAD RADIUS - The horizontal distance from the axis of rotation before loading to the center of the vertical hoist line or tackle with a load applied.
2. LOADED BOOM ANGLE - It is the angle between the boom base section and the horizontal, after lifting the rated load at the rated radius. the boom angle before loading should be greater to account for deflections. The loaded boom angle combined with boom length give only an approximation of the operating radius.
3. WORKING AREA - Areas measured in a circular arc about the centerline of rotation as shown in the diagram.
4. FREELY SUSPENDED LOAD - Load hanging free with no direct external force applied except by the hoist rope.
5. SIDE LOAD - Horizontal force applied to he lifted load either on the ground or in the air.
6. NO LOAD STABILITY LIMIT - The stability limit radius shown on the range diagrams is the radius beyond which it is not permitted to position the boom, when the boom angle is less than the minimum shown on the applicable load chart, because the machine can overturn without any load.
7. BOOM SIDE OF CRANE - The side of the crane over which the boom is positions when in OVER SIDE working position.

SET-UP

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.
3. Crane load ratings on tires depend on appropriate inflation pressure and the tire conditions. Caution must be exercised when increasing air pressures in tires. Consult Operator's Manual for precautions.
4. Use of jibs, lattice-type boom extensions, or fourth section pullouts extended is not permitted for pick and carry operations.
5. Consult appropriate section of the Operator's and Service Manual for more exact description of hoist line reeving.
6. The use of more parts of line than required by the load may result in having insufficient rope to allow the hook block to reach the ground.
7. Properly maintained wire rope is essential for save crane operation. Consult Operator's Manual for proper maintenance and inspection requirements.
8. When spin-resistant wire rope is used, the allowable rope loading shall be the breaking strength divided by five (5), unless otherwise specified by the wire rope manufacturer.
9. Do not elevate the boom above 60° unless the boom is positioned in-line with the crane's chassis or the outrigger are extended. Failure to observe this warning may result in loss of stability.

OPERATION

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams.)
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length.The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. Rated loads include the weight of hook block, slings, and auxiliary lifting devices. Their weights shall be subtracted from the listed rated load to obtain the net load that can be lifted. When lifting over the jib the weight of any hook block, slings, and auxiliary lifting devices at the boom head must be added to the load. When jibs are erected but unused add two (2) times the weight of any hook block, slings, and auxiliary lifting devices at the jib head to the load.
7. Rated loads do not exceed 85% on outriggers or 75% on tires, of the tipping load as determined by SAE Crane Stability Test Code J765a. Structural strength ratings in chart are indicated with an asterisk (*).
8. Rated loads are based on freely suspended loads. No attempt shall be made to drag a load horizontally on the ground in any direction.
9. The user shall operate at reduced ratings to allow for adverse job conditions, such as: soft or uneven ground, out of level conditions, high winds, side loads, pendulum action, jerking or sudden stopping of loads, hazardous conditions, experience of personnel, two machine lifts, traveling with loads, electric wires, etc. (side pull on boom or jib is hazardous). Derating of the cranes lifting capacity is required when wind speed exceeds 20 MPH. The center of the lifted load must never be allowed to move more then 3* off the center line of the base boom section due to the effects of wind, inertia, or any combination of the two.
   *"Use 2' off the center line of the base boom for a two section boom, 3' for a there section boom, or 4' for a four section boom."
10. The maximum load which can be telescoped is not definable, because of variations in loadings and crane maintenance, but it is permissible to attempt retraction and extension if load ratings are not exceeded.
11. Load ratings are dependent upon the crane being maintained according to manufacturer's specifications.
12. It is recommended that load handling devices, including hooks, and hook blocks, be kept away from boom head at all times.
13. FOR TRUCK CRANES ONLY: 360° capacities apply only to machines equipped with a front outrigger jack and all five(5) outrigger jacks properly set. If the front (5th) outrigger jack is not properly set, the work area is restricted to the over side and over rear ares as shown on the Crane Working Positions diagram. Use the 360° load ratings in the overside work areas.
14. Do not lift with outrigger beams positioned between the fully extended and intermediate (pinned) positions.
15. Truck Cranes not equipped with equalizing (bogie) beams between the rear axles may not be used for lifting "on tires". Truck Cranes equipped with equalizing beams and rear air suspension should "dump" the air before lifting "on tires".

CLAMSHELL, MAGNET, AND CONCRETE BUCKET SERVICE

1. Maximum boom length for clamshell and magnet service is 50'.
2. Weight of clamshell or magnet, plus contents are not to exceed 6,000 lb or 90% of rated lifting capacities, whichever is less. For concrete bucket operation, weight of bucket and load must not exceed 90% of rated lifting capacity.

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