



HC285 | GENERAL DATA

FEATURES:

Capacity: Maximum lift capacity of 285 US tons at 16' radius (258,5 tonnes at 4,9m).

General: High visibility air conditioned/heated cab with lift control console for easy operator access. Hydraulic motor slewing with wet type multi-disc brake. Four position pin type house lock.

Self-Erecting Capability: Utilizes a hydraulically actuated self-raising mast which incorporates a hydraulic lift cylinder at mast head for crawler track and boom assembly. Integral four cylinder carbody jacking system for loading/unloading. Mast is also utilized to install Counterweight Removal System. Mast stores in folded back position on rubber transport mounts to allow for a more compact transport footprint. Hydraulically actuated pins (boom foot, crawler track pins and counterweight removal system).

Boom Hoist System: Utilizes boom pendant bar boom support system. Pendant bars are stored on boom sections for transport. Dual drum boom hoist system (26mm wire rope). Dual load cell system.

Improved transport: Base machine weight less than 100,000 pounds with a shipping width of less than 10.5 feet (3,2m) and shipping height less than 12 feet (3,66m). Shipping weight less than 100,000 pounds (45,5 tonnes) with rope, without CWRs.

Gradeability/Speed: Maximum grade-ability of 30% with a maximum travel speed of 0.67mph (>1kmh). Slewing speed of 1.7 rpm. Crawler track width of 48 inches. Wet type multi-disc brake.

Power: Cummins QSL9 350HP (261kW) Tier 4 engine.

Cold Weather Option: Machine is equipped with provisions to allow for easy adaption to "Cold Weather" package.

Load Hoist System: Main and Auxiliary drums utilize 28mm wire rope with factory installed free fall option. Available with standard or rotation resistant rope. Boom mounted third drum available also.

Jibs: 16HL Fixed Jib available and boom inner is luffing jib ready (luffing jib to be developed).

Design: Machine designed in accordance with ASME B30.5 standards.

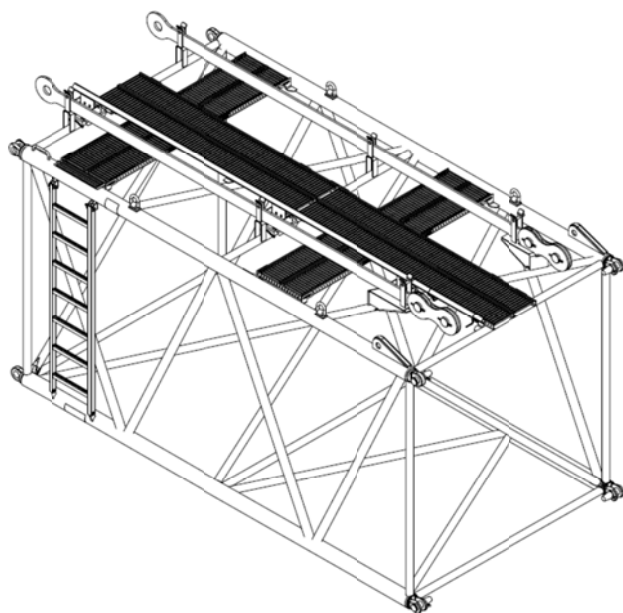
Load Limiting System: Machine equipped with IHI's current generation ML-D7 load limiter system. Includes on-screen prompts, warnings, diagnostics and allows for setup of virtual wall limits. LMI user interface will be available in English, Spanish, and Portuguese.

Counterweight: Total available counterweight is 262,785 lbs. Standard upper counterweight consists of one (1) base weighing 42,012 lbs, six (6) left hand overlays each weighing 13,955lbs & six (6) right hand overlays each weighing 12,809lbs with upper counterweight totaling 206,785lbs. Complete upper counterweight can be lifted into position at one time with no additional stacking required. Standard lower counterweight consists of two (2) carbody counterweights weighing 28,000lbs each for total lower counterweight of 56,000lbs.

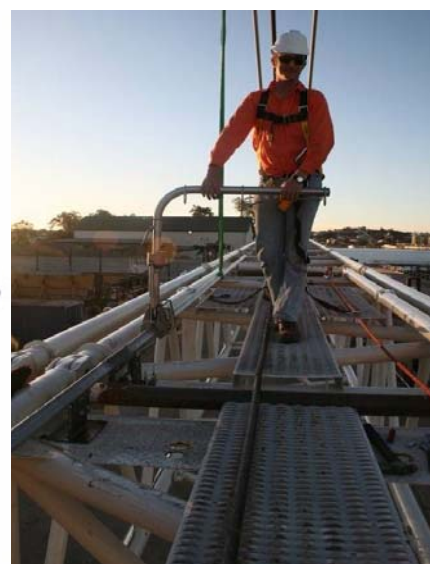
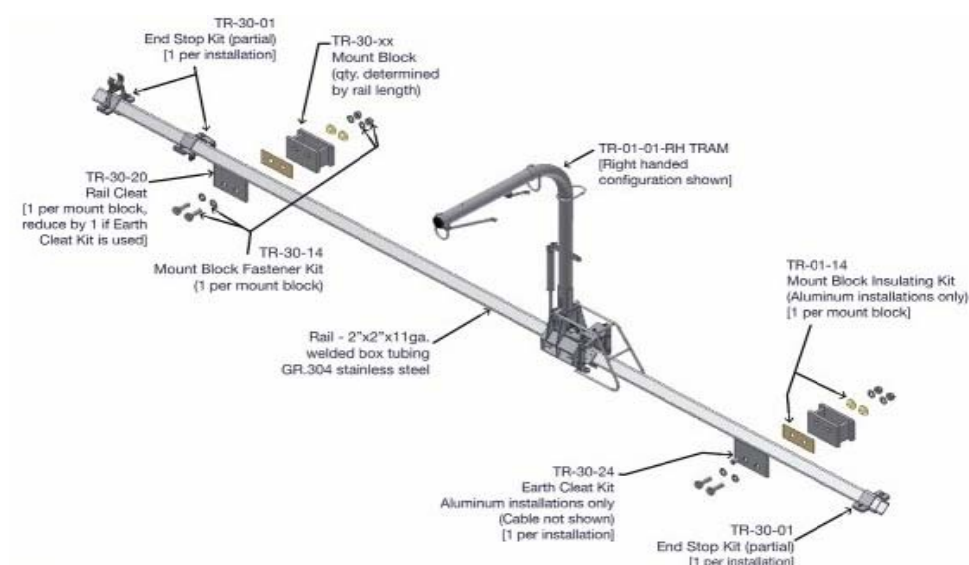


Control System: Machine controller is an Omron PLC, operator cab includes engine diagnostic LCD display system along with an external "Christmas Tree" type Red, Yellow, Green indicator lamp. Additional safety/monitoring options available include boom lights, camera systems for backup and/or drum monitoring.

C-DAC Boom: Full length of boom is equipped with 20" (500mm) wide heavy duty non-slip aluminum walkways with Standfast fall prevention system with track guided travel tram that allows single point harness hookup for full length access for boom assembly/disassembly.



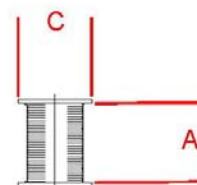
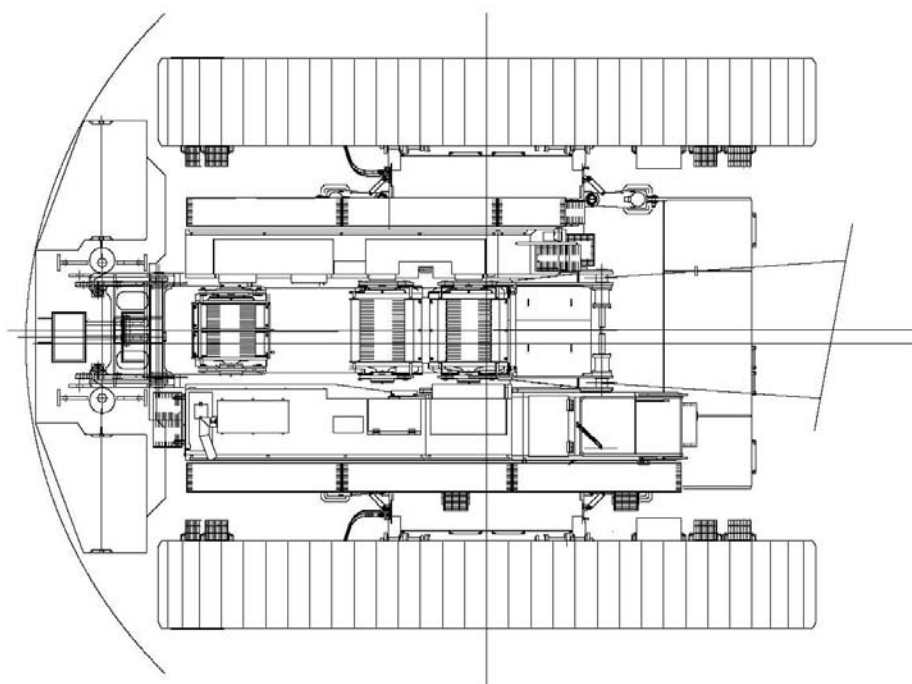
HC285 Boom with pendant bars/fall prevention system



**DRUM DATA:**

(All dimensions metric except as noted)

Drum	A(mm)	B(mm)	C(mm)	Capacity(m)	Comments
Main	881	28	1080	500m	See below (Lebus lagging)
Aux	881	28	1080	500m	See below (Lebus lagging)
3 rd	TBD	TBD	TBD		Optional
J/H				(Terex)	Boom Inner mounted
B/H	Split Drum	26		178m (x2)	See below (Lebus lagging)



A = Drum width
B = Rope diameter
C = Flange diameter

Main / Aux Hoist:Pull: 40,000lbs-6th Layer (178kN)Speed: 497fpm-6th Layer (152m/min)

Capacity: 1640ft (500m)

Rope: 28mm (standard or rotation resistant available)

Brake: Wet disc type / Ratchet-pawl type drum lock

Free Fall: Optional

Boom Hoist (Split Type):Pull: 38,588lbs-1st Layer (172kN)Speed: 245fpm-1st Layer (75m/min)

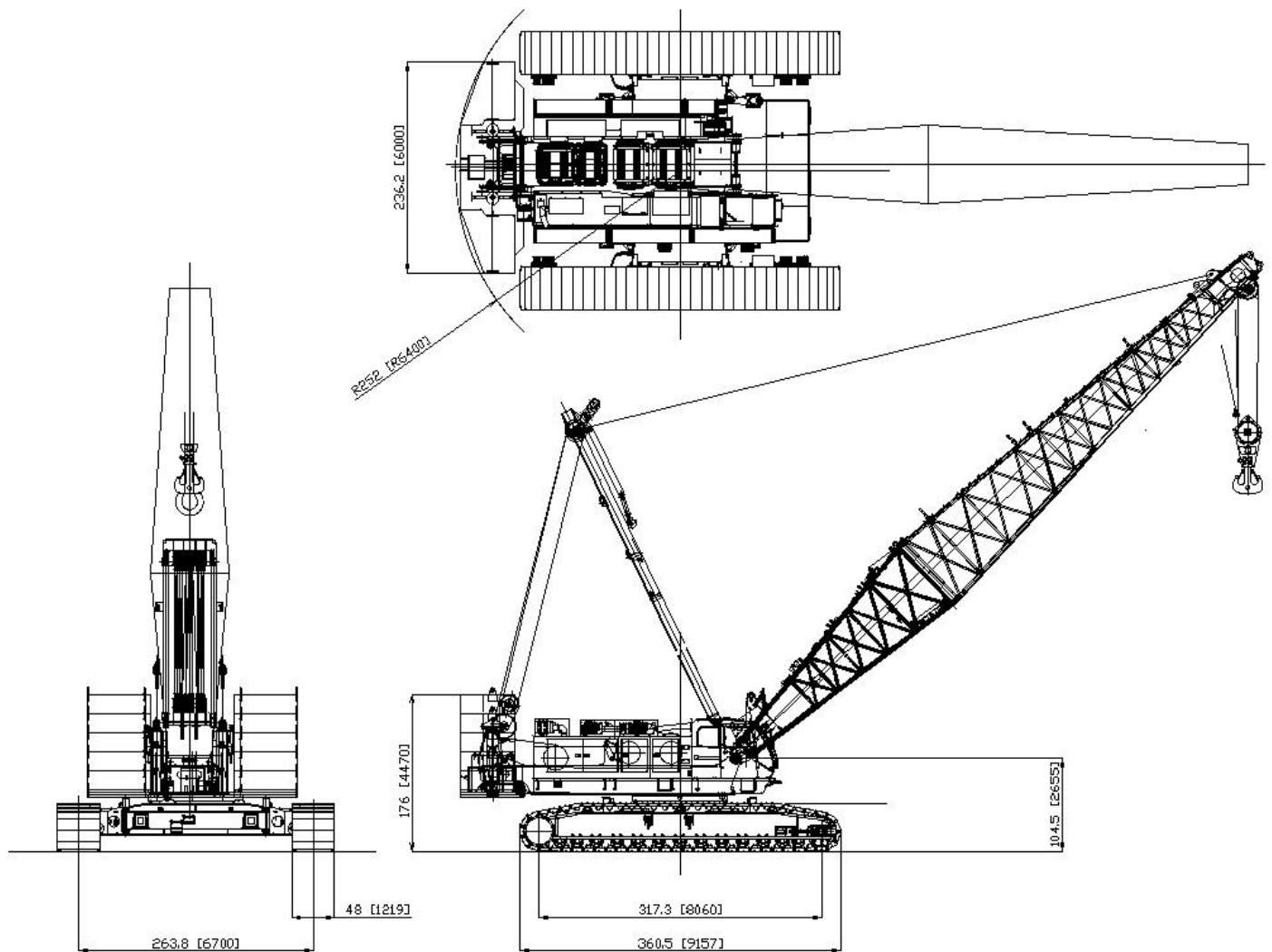
Capacity: 584ft x2 (178m x 2)

Brake: Wet disc type / Ratchet-pawl type drum lock

Rope: 26mm (Dyform 6)



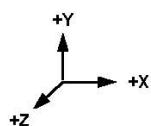
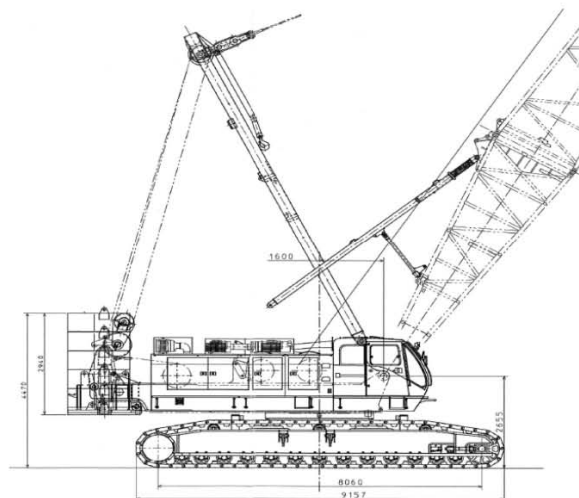
GENERAL DIMENSIONS:



HC285 BASIC MACHINE



GENERAL DATA:

CDAC 92HI OFFSET TIP BOOM
HC285 - CRAWLER CRANE DATASHEET

* See Notes

Description:	(ft)
Dist to Front tip point (+X)	11.089
Dist to Rear tip point (-X)	-11.254
* Effective Tracklength	22.343
Track Center-Center distance	21.982
Dist to Side tip point (+Z)	11.319
Dist to Side tip point (-Z)	-11.319
Crawler track width	4.000
Boom Foot (X)	5.249
Boom Foot (Y)	8.711
Boom CL Offset (Z)	-0.591
Mast Foot (X)	3.445
Mast Foot (Y)	11.991
Mast Length	30.348
Load Hoist CL (X)	-0.820
Load Hoist CL (Y)	9.203
Boom Hoist CL (X)	-16.486
Boom Hoist CL (Y)	11.663

Max. Boom Angle (°) 82.0

WEIGHT AND C.G. DATA (CRANE)

Description	Weight	C.G. (X) from rotation CL	Moment (X)	C.G. (Y) from ground	Moment (Y)	C.G. (Z) from rotation CL	Moment (Z)
	(kips)	(ft)	(ft-kips)	(ft)	(ft-kips)	(ft)	(ft-kips)
x UPPER ROTATING DECK	84.365	-6.293	-530.909	8.623	727.479	0.184	15.523
x CRAWLER LOWER (WITHOUT TRACKS)	21.477	0.000	0.000	2.343	50.321	0.000	0.000
x CRAWLER TRACKS (PAIR)	98.784	0.000	0.000	2.343	231.451	0.000	0.000
COMPOSITE CRANE	204.626	-2.595	-530.909	4.932	1,009.251	0.076	15.523

WEIGHT AND C.G. DATA (COUNTERWEIGHT)

Description	Weight	C.G. (X) from rotation CL	Moment (X)	C.G. (Y) from ground	Moment (Y)	C.G. (Z) from rotation CL	Moment (Z)
	(kips)	(ft)	(ft-kips)	(ft)	(ft-kips)	(ft)	(ft-kips)
x UPPER COUNTERWEIGHT (STD-207k)	26.770	-17.520	-469.002	9.252	247.676	0.000	0.000
x UPPER COUNTERWEIGHT (ALT-180k)	26.770	-17.520	-469.002	8.210	219.782	0.000	0.000
x UPPER COUNTERWEIGHT (ALT-153k)	26.770	-17.520	-469.002	7.168	191.887	0.000	0.000
x UPPER COUNTERWEIGHT (ALT-126k)	80.310	-17.520	-1,407.006	6.126	491.979	0.000	0.000
x UPPER COUNTERWEIGHT (BASE/CWRS)	46.165	-17.520	-808.796	5.100	235.442	0.000	0.000
x CARBODY COUNTERWEIGHT	56.000	0.000	0.000	3.478	194.768	0.000	0.000
COMPOSITE COUNTERWEIGHT	262.785	-13.786	-3,622.808	6.018	1,581.534	0.000	0.000

WEIGHT AND C.G. DATA (COMPOSITE CRANE/COUNTERWEIGHT)

Description	Weight	C.G. (X) from rotation CL	Moment (X)	C.G. (Y) from ground	Moment (Y)	C.G. (Z) from rotation CL	Moment (Z)
	(kips)	(ft)	(ft-kips)	(ft)	(ft-kips)	(ft)	(ft-kips)
COMPOSITE CRANE/COUNTERWEIGHT	467.411	-8.887	-4,153.717	5.543	2,590.785	0.033	15.523



HC285 with 80ft (24,4m) Boom:



**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
65 FT (19.8 M) BOOM HEAVY LIFT OPTION	16	81.8	570,000	*	73
	20	78.2	466,340	*	72
	25	73.6	373,049	*	71
	30	69.0	310,968	*	69
	35	64.1	266,552	*	67
	40	59.0	227,438		64
	45	53.6	192,041		60
	50	47.8	165,616		56
	55	41.4	143,913		51
	60	34.0	121,850	*	44
65	24.5	92,980	*	34	
80 FT (24.4 M) BOOM	18	81.9	517,530	*	88
	20	80.5	465,900	*	87
	25	76.8	372,670	*	86
	30	73.1	310,660	*	85
	35	69.3	266,280	*	83
	40	65.3	226,430		81
	45	61.3	191,049		78
	50	57.1	164,978		75
	55	52.6	144,751		71
	60	47.9	128,823		67
	65	42.8	115,661		62
	70	37.1	104,514		56
	75	30.4	93,628		48
80	22.0	78,720	*	37	
90 FT (27.4 M) BOOM	20	81.5	465,600	*	98
	25	78.3	372,420	*	97
	30	75.0	310,450	*	95
	35	71.7	266,100	*	94
	40	68.2	225,810		92
	45	64.8	190,360		90
	50	61.1	164,290		87
	55	57.4	144,030		84
	60	53.5	128,128		80
	65	49.4	115,044		76
	70	45.0	104,326		71
	75	40.2	95,114		66
	80	34.8	87,036		59
	85	28.6	79,163		51
	90	20.6	68,700	*	39

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
100 FT (30.5 M) BOOM	21	81.8	443,260	*	108
	25	79.5	372,170	*	107
	30	76.5	310,250	*	106
	35	73.6	265,920	*	104
	40	70.5	225,340		103
	45	67.4	189,850		101
	50	64.3	163,760		98
	55	61.0	143,480		96
	60	57.7	127,580		92
	65	54.2	114,470		89
	70	50.5	103,789		85
	75	46.6	94,626		80
	80	42.5	86,803		75
	85	38.0	80,013		69
	90	32.9	73,933		62
	95	27.0	68,083		53
	100	19.5	60,300	*	41
110 FT (33.5 M) BOOM	22	82.0	422,730	*	118
	25	80.4	371,930	*	117
	30	77.8	310,050	*	116
	35	75.1	265,740	*	115
	40	72.4	224,710		113
	45	69.6	189,160		111
	50	66.8	163,050		109
	55	63.9	142,740		107
	60	60.9	126,830		104
	65	57.9	113,710		101
	70	54.7	103,040		98
	75	51.4	93,870		94
	80	48.0	86,029		89
	85	44.3	79,257		85
	90	40.4	73,359		79
	95	36.1	68,296		72
	100	31.3	63,553		65
	105	25.7	58,923		55
	110	18.6	53,130	*	42

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 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
120 FT (36.6 M) BOOM	24	81.7	387,290	*	127
	25	81.2	371,680	*	127
	30	78.8	309,860	*	126
	35	76.4	265,570	*	125
	40	73.9	224,220		124
	45	71.4	188,620		122
	50	68.8	162,500		120
	55	66.2	142,160		118
	60	63.6	126,260		116
	65	60.9	113,120		113
	70	58.1	102,460		110
	75	55.2	93,270		106
	80	52.2	85,420		103
	85	49.1	78,640		98
	90	45.8	72,740		94
	95	42.3	67,728		88
	100	38.6	63,102		82
	105	34.5	58,958		76
	110	29.9	55,173		67
	115	24.6	51,460		57
	120	17.7	46,920	*	44
130 FT (39.6 M) BOOM	25	81.9	348,700	*	137
	30	79.7	309,660	*	136
	35	77.4	265,390	*	135
	40	75.2	224,430		134
	45	72.9	188,860		133
	50	70.5	162,780		131
	55	68.2	142,450		129
	60	65.8	126,580		127
	65	63.3	113,440		124
	70	60.8	102,810		122
	75	58.2	93,620		118
	80	55.6	85,770		115
	85	52.8	79,000		111
	90	50.0	73,090		107
	95	47.0	68,120		103
	100	43.9	63,500		98
	105	40.6	59,388		92
	110	37.0	55,683		86
	115	33.1	52,323		78
	120	28.7	49,233		70
	125	23.6	46,160		59
130	17.0	42,370	*	45	

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
140 FT (42.7 M) BOOM	27	81.7	319,932	*	147
	30	80.4	309,038	*	147
	35	78.4	267,010	*	146
	40	76.2	223,970		144
	45	74.1	188,320		143
	50	72.0	162,220		141
	55	69.8	141,850		140
	60	67.6	125,970		138
	65	65.4	112,800		135
	70	63.1	102,170		133
	75	60.7	92,970		130
	80	58.3	85,100		127
	85	55.9	78,320		124
	90	53.4	72,400		120
	95	50.7	67,430		116
	100	48.0	62,800		112
	105	45.2	58,680		107
	110	42.2	54,960		102
	115	39.0	51,619		96
	120	35.6	48,575		89
	125	31.8	45,800		81
	130	27.6	43,219		72
	135	22.7	40,675		61
	140	16.4	37,580	*	47
150 FT (45.7 M) BOOM	28	81.9	306,319	*	157
	30	81.1	297,755	*	157
	35	79.1	259,750	*	156
	40	77.2	223,430		155
	45	75.2	187,740		153
	50	73.2	161,640		152
	55	71.2	141,240		150
	60	69.2	125,380		148
	65	67.1	112,190		146
	70	65.0	101,580		144
	75	62.9	92,360		142
	80	60.7	84,490		139
	85	58.5	77,690		136
	90	56.2	71,760		133
	95	53.8	66,830		129
	100	51.4	62,190		125
	105	48.9	58,060		121
	110	46.3	54,340		116
	115	43.6	50,990		111
	120	40.7	47,940		105
	125	37.6	45,169		99
	130	34.3	42,645		92
	135	30.7	40,311		84
	140	26.6	38,115		75
	145	21.9	35,930		63
	150	15.8	33,310	*	48

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
160 FT (48.8 M) BOOM	29	82.0	282,407	*
	30	81.6	278,468	*
	35	79.8	253,780	*
	40	78.0	222,940	
	45	76.2	187,180	
	50	74.3	161,040	
	55	72.4	140,610	
	60	70.5	124,730	
	65	68.6	111,530	
	70	66.7	100,920	
	75	64.7	91,690	
	80	62.7	83,800	
	85	60.6	76,990	
	90	58.6	71,040	
	95	56.4	66,120	
	100	54.2	61,480	
	105	52.0	57,340	
	110	49.6	53,610	
	115	47.2	50,250	
	120	44.7	47,190	
	125	42.1	44,420	
	130	39.3	41,880	
	135	36.4	39,539	
	140	33.2	37,386	
	145	29.7	35,395	
	150	25.8	33,688	
	155	21.2	31,783	
	160	15.3	29,440	*

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CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
170 FT (51.8 M) BOOM	31	81.8	267,048	*
	35	80.4	247,030	*
	40	78.7	218,720	*
	45	77.0	186,580	
	50	75.2	160,450	
	55	73.5	139,990	
	60	71.7	124,120	
	65	69.9	110,900	
	70	68.1	100,310	
	75	66.3	91,060	
	80	64.4	83,170	
	85	62.5	76,340	
	90	60.6	70,380	
	95	58.6	65,500	
	100	56.6	60,850	
	105	54.6	56,690	
	110	52.5	52,960	
	115	50.3	49,590	
	120	48.1	46,530	
	125	45.7	43,760	
	130	43.3	41,210	
	135	40.8	38,870	
	140	38.1	36,720	
	145	35.2	34,729	
	150	32.1	33,106	
	155	28.8	31,365	
	160	25.0	29,719	
	165	20.5	28,035	
	170	14.8	25,910	*

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 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
180 FT (54.9 M) BOOM	32	81.9	226,860	*
	35	81.0	220,030	*
	40	79.4	209,350	*
	45	77.7	186,770	
	50	76.1	160,260	
	55	74.4	139,830	
	60	72.8	124,010	
	65	71.1	110,790	
	70	69.4	100,240	
	75	67.7	91,010	
	80	65.9	83,130	
	85	64.2	76,310	
	90	62.4	70,360	
	95	60.6	65,510	
	100	58.7	60,860	
	105	56.8	56,720	
	110	54.9	52,980	
	115	52.9	49,620	
	120	50.9	46,570	
	125	48.8	43,790	
	130	46.6	41,240	
	135	44.4	38,910	
	140	42.0	36,760	
	145	39.6	34,770	
	150	37.0	33,190	
	155	34.2	31,469	
	160	31.2	29,866	
	165	27.9	28,353	
	170	24.2	26,892	
	175	19.9	25,378	
	180	14.4	23,330	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
190 FT (57.9 M) BOOM	34	81.8	209,580	*
	35	81.4	207,020	*
	40	79.9	198,500	*
	45	78.4	186,340	
	50	76.8	159,780	
	55	75.3	139,300	
	60	73.7	123,470	
	65	72.1	110,230	
	70	70.5	99,680	
	75	68.9	90,420	
	80	67.3	82,520	
	85	65.6	75,690	
	90	64.0	69,730	
	95	62.3	64,890	
	100	60.5	60,230	
	105	58.8	56,070	
	110	57.0	52,330	
	115	55.2	48,960	
	120	53.3	45,900	
	125	51.4	43,120	
	130	49.4	40,560	
	135	47.4	38,220	
	140	45.3	36,060	
	145	43.1	34,070	
	150	40.8	32,520	
	155	38.4	30,790	
	160	35.9	29,170	
	165	33.2	27,669	
	170	30.3	26,256	
	175	27.2	24,923	
	180	23.6	23,633	
	185	19.4	22,273	
	190	14.0	20,380	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
200 FT (61 M) BOOM	35	81.9	201,290	*
	40	80.4	191,130	*
	45	79.0	182,060	*
	50	77.5	159,180	
	55	76.0	138,690	
	60	74.5	122,870	
	65	73.1	109,610	
	70	71.5	99,080	
	75	70.0	89,810	
	80	68.5	81,900	
	85	66.9	75,060	
	90	65.4	69,100	
	95	63.8	64,280	
	100	62.2	59,610	
	105	60.5	55,450	
	110	58.9	51,710	
	115	57.2	48,330	
	120	55.4	45,270	
	125	53.7	42,480	
	130	51.8	39,920	
	135	50.0	37,570	
	140	48.1	35,420	
	145	46.1	33,760	
	150	44.1	31,890	
	155	42.0	30,170	
	160	39.7	28,550	
	165	37.4	27,050	
	170	35.0	25,630	
	175	32.4	24,309	
	180	29.5	23,056	
	185	26.4	21,882	
	190	23.0	20,719	
	195	18.9	19,485	
	200	13.6	17,650	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
210 FT (64 M) BOOM	36	82.0	186,570	*
	40	80.9	180,590	*
	45	79.5	171,700	*
	50	78.1	158,670	
	55	76.7	138,610	
	60	75.3	122,290	
	65	73.9	109,020	
	70	72.5	98,480	
	75	71.0	89,200	
	80	69.6	81,270	
	85	68.1	74,410	
	90	66.6	68,440	
	95	65.1	63,630	
	100	63.6	58,950	
	105	62.1	54,790	
	110	60.5	51,040	
	115	58.9	47,650	
	120	57.3	44,580	
	125	55.6	41,780	
	130	54.0	39,210	
	135	52.3	36,860	
	140	50.5	34,700	
	145	48.7	33,070	
	150	46.8	31,200	
	155	44.9	29,460	
	160	42.9	27,840	
	165	40.9	26,340	
	170	38.7	24,920	
	175	36.5	23,590	
	180	34.1	22,350	
	185	31.6	21,169	
	190	28.8	20,056	
	195	25.8	19,002	
	200	22.4	17,958	
	205	18.4	16,813	
	210	13.3	15,080	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
220 FT (67.1 M) BOOM	38	81.8	175,780	*	226
	40	81.3	174,380	*	226
	45	80.0	165,520	*	225
	50	78.7	158,570		224
	55	77.3	138,010		223
	60	76.0	121,670		222
	65	74.6	108,380		221
	70	73.3	97,860		219
	75	71.9	88,570		217
	80	70.5	80,630		216
	85	69.1	73,770		214
	90	67.7	68,270		212
	95	66.3	63,000		210
	100	64.9	58,320		207
	105	63.4	54,140		205
	110	62.0	50,390		202
	115	60.5	47,010		199
	120	59.0	43,930		196
	125	57.4	41,130		193
	130	55.9	38,560		190
	135	54.3	36,200		186
	140	52.6	34,030		183
	145	51.0	32,440		179
	150	49.3	30,570		174
	155	47.5	28,830		170
	160	45.7	27,210		165
	165	43.8	25,690		160
	170	41.9	24,280		155
	175	39.9	22,940		149
	180	37.8	21,690		142
	185	35.6	20,520		136
	190	33.3	19,410		128
	195	30.8	18,359		120
	200	28.1	17,365		111
	205	25.2	16,410		101
	210	21.9	15,471		89
	215	18.0	14,395		75
	220	12.9	12,660	*	57

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
230 FT (70.1 M) BOOM	39	81.9	143,390	*
	40	81.7	143,090	*
	45	80.4	141,640	*
	50	79.2	140,190	*
	55	77.9	134,600	*
	60	76.6	121,320	
	65	75.3	108,060	
	70	74.0	97,580	
	75	72.7	88,300	
	80	71.4	80,380	
	85	70.1	73,530	
	90	68.8	68,070	
	95	67.4	62,800	
	100	66.1	58,130	
	105	64.7	53,960	
	110	63.3	50,210	
	115	61.9	46,830	
	120	60.5	43,760	
	125	59.0	40,960	
	130	57.5	38,400	
	135	56.0	36,050	
	140	54.5	33,880	
	145	53.0	32,320	
	150	51.4	30,450	
	155	49.8	28,720	
	160	48.1	27,100	
	165	46.4	25,590	
	170	44.6	24,170	
	175	42.8	22,840	
	180	40.9	21,600	
	185	39.0	20,420	
	190	36.9	19,310	
	195	34.8	18,260	
	200	32.5	17,270	
	205	30.1	16,339	
	210	27.5	15,444	
	215	24.6	14,588	
	220	21.4	13,730	
	225	17.6	12,700	
	230	12.6	10,910	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
240 FT (73.2 M) BOOM	41	81.8	130,510	*
	45	80.8	129,350	*
	50	79.6	127,960	*
	55	78.4	126,560	*
	60	77.2	120,840	
	65	75.9	108,090	
	70	74.7	97,060	
	75	73.5	87,760	
	80	72.2	79,810	
	85	71.0	72,940	
	90	69.7	67,490	
	95	68.4	62,210	
	100	67.1	57,530	
	105	65.8	53,350	
	110	64.5	49,610	
	115	63.2	46,210	
	120	61.8	43,130	
	125	60.4	40,320	
	130	59.0	37,760	
	135	57.6	35,400	
	140	56.2	33,230	
	145	54.8	31,690	
	150	53.3	29,810	
	155	51.8	28,070	
	160	50.2	26,450	
	165	48.6	24,930	
	170	47.0	23,520	
	175	45.3	22,190	
	180	43.6	20,930	
	185	41.9	19,750	
	190	40.0	18,640	
	195	38.1	17,590	
	200	36.1	16,600	
	205	34.0	15,660	
	210	31.8	14,770	
	215	29.4	13,919	
	220	26.9	13,114	
	225	24.1	12,326	
	230	20.9	11,525	
	235	17.2	10,560	
	240	12.4	8,780	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
250 FT (76.2 M) BOOM	42	81.9	125,280	*
	45	81.2	124,410	*
	50	80.0	123,030	*
	55	78.9	121,630	*
	60	77.7	118,010	*
	65	76.5	107,490	
	70	75.3	96,450	
	75	74.1	87,140	
	80	73.0	79,190	
	85	71.7	72,310	
	90	70.5	66,890	
	95	69.3	61,600	
	100	68.1	56,920	
	105	66.8	52,740	
	110	65.6	48,980	
	115	64.3	45,580	
	120	63.0	42,510	
	125	61.7	39,690	
	130	60.4	37,120	
	135	59.1	34,760	
	140	57.7	33,090	
	145	56.4	31,080	
	150	55.0	29,190	
	155	53.6	27,450	
	160	52.1	25,830	
	165	50.6	24,310	
	170	49.1	22,890	
	175	47.6	21,550	
	180	46.0	20,310	
	185	44.4	19,130	
	190	42.7	18,010	
	195	41.0	16,950	
	200	39.2	15,960	
	205	37.3	15,020	
	210	35.4	14,130	
	215	33.3	13,280	
	220	31.1	12,480	
	225	28.8	11,708	
	230	26.3	10,974	
	235	23.6	10,265	
	240	20.5	9,529	
	245	16.8	8,598	
	250	12.1	6,790	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
260 FT (79.2 M) BOOM	43	82.0	117,860	*
	45	81.5	117,290	*
	50	80.4	115,960	*
	55	79.3	114,650	*
	60	78.2	111,470	*
	65	77.0	106,310	*
	70	75.9	95,900	
	75	74.8	86,570	
	80	73.6	78,600	
	85	72.5	71,720	
	90	71.3	66,290	
	95	70.1	61,000	
	100	69.0	56,310	
	105	67.8	52,110	
	110	66.6	48,340	
	115	65.4	44,940	
	120	64.1	41,850	
	125	62.9	39,030	
	130	61.7	36,460	
	135	60.4	34,090	
	140	59.1	32,450	
	145	57.8	30,420	
	150	56.5	28,550	
	155	55.2	26,790	
	160	53.8	25,160	
	165	52.4	23,640	
	170	51.0	22,220	
	175	49.6	20,880	
	180	48.1	19,620	
	185	46.6	18,440	
	190	45.1	17,330	
	195	43.5	16,270	
	200	41.8	15,270	
	205	40.1	14,330	
	210	38.4	13,430	
	215	36.6	12,580	
	220	34.7	11,760	
	225	32.6	10,990	
	230	30.5	10,260	
	235	28.3	9,558	
	240	25.8	8,893	
	245	23.1	8,234	
	250	20.1	7,554	
	255	16.5	6,658	
	260	11.9	4,850	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
270 FT (82.3 M) BOOM	45	81.9	113,580	*
	50	80.8	112,210	*
	55	79.7	111,070	*
	60	78.6	107,700	*
	65	77.5	102,530	*
	70	76.4	95,280	
	75	75.4	85,940	
	80	74.3	77,960	
	85	73.1	71,070	
	90	72.0	65,670	
	95	70.9	60,370	
	100	69.8	55,680	
	105	68.6	51,480	
	110	67.5	47,710	
	115	66.3	44,300	
	120	65.2	41,210	
	125	64.0	38,390	
	130	62.8	35,810	
	135	61.6	33,440	
	140	60.4	31,820	
	145	59.2	29,790	
	150	57.9	27,910	
	155	56.6	26,160	
	160	55.4	24,530	
	165	54.0	23,010	
	170	52.7	21,580	
	175	51.4	20,240	
	180	50.0	18,980	
	185	48.6	17,800	
	190	47.1	16,680	
	195	45.7	15,620	
	200	44.2	14,630	
	205	42.6	13,680	
	210	41.0	12,770	
	215	39.4	11,930	
	220	37.6	11,110	
	225	35.8	10,340	
	230	34.0	9,610	
	235	32.0	8,900	
	240	29.9	8,240	
	245	27.7	7,600	
	250	25.3	6,980	
	255	22.7	6,400	
	260	19.7	5,850	

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
280 FT (85.3 M) BOOM	46	81.9	93,940	*	286
	50	81.1	92,930	*	285
	55	80.1	91,760	*	284
	60	79.0	90,550	*	283
	65	78.0	89,350	*	282
	70	76.9	88,230	*	281
	75	75.9	84,990	*	280
	80	74.8	77,580		279
	85	73.8	71,340		277
	90	72.7	65,330		276
	95	71.6	60,040		274
	100	70.5	55,350		272
	105	69.4	51,150		270
	110	68.3	47,390		268
	115	67.2	43,990		266
	120	66.1	40,910		264
	125	65.0	38,100		262
	130	63.9	35,520		259
	135	62.7	33,160		257
	140	61.5	31,560		254
	145	60.4	29,540		251
	150	59.2	27,670		248
	155	58.0	25,930		245
	160	56.8	24,290		242
	165	55.5	22,770		239
	170	54.3	21,350		235
	175	53.0	20,020		231
	180	51.7	18,760		228
	185	50.4	17,580		223
	190	49.0	16,460		219
	195	47.6	15,400		215
	200	46.2	14,410		210
205	44.8	13,460		205	
210	43.3	12,570		200	
215	41.8	11,710		194	
220	40.2	10,900		188	
225	38.6	10,130		182	
230	36.9	9,390		176	
235	35.2	8,700		169	
240	33.3	8,030		161	
245	31.4	7,390		153	
250	29.4	6,780		145	
255	27.2	6,200		135	
260	24.8	5,650		125	

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
290 FT (88.4 M) BOOM	47	82.0	86,920	*
	50	81.4	86,240	*
	55	80.4	85,030	*
	60	79.4	83,870	*
	65	78.4	82,700	*
	70	77.4	81,610	*
	75	76.4	80,000	*
	80	75.4	77,710	
	85	74.3	70,810	
	90	73.3	64,790	
	95	72.3	59,490	
	100	71.2	54,780	
	105	70.2	50,580	
	110	69.1	46,810	
	115	68.1	43,400	
	120	67.0	40,310	
	125	65.9	37,490	
	130	64.8	34,910	
	135	63.7	32,540	
	140	62.6	30,970	
	145	61.5	28,940	
	150	60.4	27,060	
	155	59.2	25,310	
	160	58.1	23,680	
	165	56.9	22,150	
	170	55.7	20,730	
	175	54.5	19,390	
	180	53.2	18,130	
	185	52.0	16,940	
	190	50.7	15,820	
	195	49.4	14,770	
	200	48.1	13,760	
	205	46.8	12,810	
	210	45.4	11,910	
	215	44.0	11,050	
	220	42.5	10,250	
	225	41.0	9,470	
	230	39.5	8,730	
	235	37.9	8,030	
	240	36.3	7,360	
	245	34.5	6,710	
	250	32.7	6,100	

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM LENGTH (FEET)	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATING (POUNDS)	FROM BOOM POINT TO GROUND (FEET)	
300 FT (91.4 M) BOOM	49	81.9	84,590	*	306
	50	81.7	84,340	*	305
	55	80.7	83,120	*	305
	60	79.8	81,930	*	304
	65	78.8	80,770	*	303
	70	77.8	79,670	*	302
	75	76.8	79,420	*	301
	80	75.9	75,590	*	299
	85	74.9	70,210		298
	90	73.9	64,190		297
	95	72.9	58,880		295
	100	71.9	54,170		293
	105	70.9	49,970		292
	110	69.9	46,190		290
	115	68.8	42,780		288
	120	67.8	39,680		286
	125	66.8	36,860		284
	130	65.7	34,280		282
	135	64.7	32,550		279
	140	63.6	30,360		277
	145	62.5	28,330		274
	150	61.4	26,450		272
	155	60.3	24,700		269
	160	59.2	23,070		266
	165	58.1	21,530		263
	170	57.0	20,110		259
	175	55.8	18,770		256
	180	54.7	17,510		253
	185	53.5	16,320		249
	190	52.3	15,200		245
195	51.1	14,140		241	
200	49.8	13,140		237	
205	48.5	12,190		233	
210	47.3	11,290		228	
215	45.9	10,430		223	
220	44.6	9,610		218	
225	43.2	8,830		213	
230	41.8	8,100		207	
235	40.3	7,390		202	
240	38.8	6,720		196	



Model HC285 Crawler Crane - Ratings In Pounds
92HI Offset Tip Boom (CDAC)
207,000 Pound Upper Counterweight
56,000 Pound Carbody Counterweight

CDAC

 WARNING

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE TEREX PARTS as such modifications or alterations may affect its capacity or safe operation. See Terex Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499HC of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (*) areas on this chart indicate ratings that are limited by strength of material or factors other than stability (tipping).

" RADIUS IN FEET " is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with boom tip extension in place, the main fall ratings must be reduced by the weight of the boom tip extension plus twice the weight of all suspended blocks, slings, rope, etc., at the boom tip extension fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

This chart was developed exclusively for use with a boom only. Under no circumstances are these ratings to be interpreted for use with a jib.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions, and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgment to make allowance for these conditions. See page 3499HC of Operator's Manual for detailed information.

No account is taken of the wind force on the load. The user must consider this effect, which can be substantial for loads with large surface areas. In any wind it is strongly recommended that taglines be used to control the load.



Model HC285 Crawler Crane - Ratings In Pounds
92HI Offset Tip Boom (CDAC)
207,000 Pound Upper Counterweight
56,000 Pound Carbody Counterweight

CDAC

BOOM HOIST LINE is 22 parts of 26 mm diameter BRIDON ENDURANCE DYFORM 6, 6x31, WS, RRL, IWRC, EIPS wire rope with a minimum breaking strength of 125,670 pounds.

BOOM PENDANT SUSPENSION is 2 part pendant bar suspension (*See HC285 Part's Manual*).

MAIN LOAD LINE is 28 mm diameter ENDURANCE DYFORM 6, 6x31, WS, RRL IWRC, EIPS wire rope with a minimum breaking strength of 143,000 pounds.

ALTERNATE LOAD LINE (ROTATION RESISTANT) is 28 mm diameter BRIDON ENDURANCE DYFORM 34LR Grade 2160 wire rope with a minimum breaking strength of 170,400 pounds.

ERECTION

Erection "OVER-THE-END BLOCKED" is with the boom over the idler end with idler tumblers blocked (*See HC285 Operator's Manual* for blocking instructions). Erection "OVER-THE-SIDE" is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

92HI OFFSET TIP BOOM MAXIMUM BOOM & JIB SELF-ERECTION DATA				
JIB	OVER-THE-SIDE		OVER-THE-END BLOCKED	
	BOOM LENGTH (FEET)	JIB LENGTH (FEET)	BOOM LENGTH (FEET)	JIB LENGTH (FEET)
16HL	280	0	300	0
	270	0	290	0
	260	90	280	90
	250	100	270	100

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

LOAD HOISTING INFORMATION - 28mm diameter DYFORM 6 wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
570,000 ¹	14	90	90
490,280	12	105	105
449,420	11	115	115
408,570	10	130	130
367,710	9	145	145
326,850	8	160	160
285,990	7	185	185
245,140	6	215	215
204,280	5	260	260
163,420	4	325	325
122,570	3	435	435
81,710	2	655	655
40,850	1	1,310	1,310

LOAD HOISTING INFORMATION (ROTATION RESISTANT LOAD LINE) 28mm diameter BRIDON ENDURANCE DYFORM 34LR Grade 2160 wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
477,400 ¹	14	90	90
409,200	12	105	105
375,100	11	115	115
341,000	10	130	130
306,900	9	145	145
272,800	8	160	160
238,700	7	185	185
204,600	6	215	215
170,500	5	260	260
136,400	4	325	325
102,300	3	435	435
68,200	2	655	655
34,100	1	1,310	1,310

1, Lifting any load with 14 parts of main fall load line requires the use of the single sheave crossover hanger block. Refer to the [HC285 Operator's Manual](#) for detailed information.

**TEREX®****CDAC**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

BOOM COMPOSITION CHART - 92HI OFFSET TIP (CDAC)						
BOOM LENGTH (FEET)	BOOM SECTIONS					
	25' 92HI INNER	15' 92HT CENTER	20' 92HT CENTER	10' 92ST CENTER	50' 92ST CENTER	40' 92H OUTER
65	1	0	0	0	0	1
80	1	1	0	0	0	1
90	1	1	0	1	0	1
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1
290	1	1	0	1	4	1
300	1	1	1	0	4	1

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HL Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 100' BOOM	29	81.8	32,000 *				
	30	81.4	32,000 *				
	35	79.3	32,000 *				
	40	77.2	32,000 *	80.0	32,000 *		
	50	73.0	32,000 *	75.7	32,000 *	78.2	30,760 *
	60	68.7	32,000 *	71.4	32,000 *	73.8	27,580 *
	70	64.3	32,000 *	66.9	32,000 *	69.3	24,990 *
	80	59.6	32,000 *	62.2	29,550 *	64.5	22,930 *
	90	54.8	31,840 *	57.3	26,770 *	59.5	21,280 *
	100	49.5	28,730 *	52.0	24,590 *	54.1	19,930 *
40' JIB & 110' BOOM	30	81.9	32,000 *				
	35	80.0	32,000 *				
	40	78.1	32,000 *	80.6	32,000 *		
	50	74.2	32,000 *	76.7	32,000 *	79.1	31,420 *
	60	70.2	32,000 *	72.7	32,000 *	75.0	28,230 *
	70	66.1	32,000 *	68.6	32,000 *	70.8	25,740 *
	80	61.9	32,000 *	64.3	30,880 *	66.5	23,680 *
	90	57.4	32,000 *	59.8	28,090 *	61.9	21,920 *
	100	52.7	30,530 *	55.1	25,710 *	57.1	20,530 *
	110	47.7	27,830 *	50.0	23,820 *	51.9	19,440 *
40' JIB & 120' BOOM	32	81.7	32,000 *				
	35	80.6	32,000 *				
	40	78.8	32,000 *	81.2	32,000 *		
	50	75.2	32,000 *	77.6	32,000 *	79.8	32,000 *
	60	71.5	32,000 *	73.8	32,000 *	76.0	28,880 *
	70	67.7	32,000 *	70.0	32,000 *	72.1	26,360 *
	80	63.7	32,000 *	66.0	32,000 *	68.1	24,330 *
	90	59.7	32,000 *	61.9	29,320 *	63.9	22,610 *
	100	55.4	32,000 *	57.6	26,880 *	59.6	21,220 *
	110	50.9	29,470 *	53.1	24,860 *	55.0	19,980 *
	120	46.1	27,130 *	48.2	23,290 *	50.0	19,000 *
40' JIB & 130' BOOM	33	81.9	32,000 *				
	35	81.2	32,000 *				
	40	79.5	32,000 *	81.7	32,000 *		
	50	76.1	32,000 *	78.3	32,000 *	80.4	32,000 *
	60	72.6	32,000 *	74.8	32,000 *	76.9	29,500 *
	70	69.0	32,000 *	71.2	32,000 *	73.2	27,050 *
	80	65.4	32,000 *	67.6	32,000 *	69.5	24,930 *
	90	61.6	32,000 *	63.8	30,530 *	65.7	23,230 *
	100	57.7	32,000 *	59.8	27,980 *	61.7	21,790 *
	110	53.6	30,980 *	55.7	25,970 *	57.5	20,540 *
	120	49.3	28,510 *	51.3	24,160 *	53.0	19,530 *
	130	44.7	26,470 *	46.6	22,730 *	48.2	18,710 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 140' BOOM	35	81.7	32,000 *				
	40	80.1	32,000 *				
	50	76.9	32,000 *	79.0	32,000 *	80.9	32,000 *
	60	73.6	32,000 *	75.7	32,000 *	77.6	30,130 *
	70	70.3	32,000 *	72.3	32,000 *	74.2	27,600 *
	80	66.8	32,000 *	68.9	32,000 *	70.8	25,600 *
	90	63.3	32,000 *	65.4	31,670 *	67.2	23,800 *
	100	59.7	32,000 *	61.7	29,090 *	63.5	22,380 *
	110	56.0	32,000 *	57.9	26,930 *	59.6	21,110 *
	120	52.0	30,010 *	53.9	25,160 *	55.6	20,090 *
	130	47.8	27,870 *	49.7	23,620 *	51.3	19,220 *
	140	43.3	25,970 *	45.2	22,310 *	46.6	18,430 *
40' JIB & 150' BOOM	36	81.8	32,000 *				
	40	80.6	32,000 *				
	50	77.6	32,000 *	79.6	32,000 *	81.4	32,000 *
	60	74.5	32,000 *	76.4	32,000 *	78.3	30,600 *
	70	71.3	32,000 *	73.3	32,000 *	75.1	28,110 *
	80	68.1	32,000 *	70.1	32,000 *	71.8	26,080 *
	90	64.8	32,000 *	66.8	32,000 *	68.5	24,370 *
	100	61.5	32,000 *	63.4	30,070 *	65.1	22,870 *
	110	58.0	32,000 *	59.8	27,880 *	61.5	21,620 *
	120	54.3	31,350 *	56.2	26,120 *	57.8	20,540 *
	130	50.5	29,130 *	52.3	24,500 *	53.8	19,630 *
	140	46.5	27,190 *	48.2	23,110 *	49.7	18,900 *
	150	42.1	25,550 *	43.8	21,960 *	45.2	18,190 *
40' JIB & 160' BOOM	37	81.9	32,000 *				
	40	81.1	32,000 *				
	50	78.2	32,000 *	80.1	32,000 *	81.9	32,000 *
	60	75.3	32,000 *	77.1	32,000 *	78.9	31,160 *
	70	72.3	32,000 *	74.2	32,000 *	75.9	28,660 *
	80	69.3	32,000 *	71.1	32,000 *	72.8	26,680 *
	90	66.2	32,000 *	68.0	32,000 *	69.7	24,930 *
	100	63.0	32,000 *	64.8	31,080 *	66.4	23,420 *
	110	59.7	32,000 *	61.5	28,890 *	63.1	22,160 *
	120	56.4	32,000 *	58.1	26,960 *	59.7	21,040 *
	130	52.8	30,370 *	54.6	25,360 *	56.1	20,100 *
	140	49.1	28,340 *	50.9	23,960 *	52.3	19,340 *
	150	45.2	26,680 *	46.9	22,740 *	48.2	18,570 *
	160	41.0	25,100 *	42.6	21,660 *	43.8	18,060 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HL Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 170' BOOM	39	81.8	32,000 *				
	40	81.5	32,000 *				
	50	78.8	32,000 *	80.6	32,000 *		
	60	76.0	32,000 *	77.8	32,000 *	79.5	31,560 *
	70	73.2	32,000 *	74.9	32,000 *	76.6	29,150 *
	80	70.3	32,000 *	72.1	32,000 *	73.7	27,080 *
	90	67.4	32,000 *	69.1	32,000 *	70.7	25,360 *
	100	64.4	32,000 *	66.1	32,000 *	67.7	23,890 *
	110	61.3	32,000 *	63.0	29,850 *	64.6	22,610 *
	120	58.2	32,000 *	59.9	27,860 *	61.3	21,560 *
	130	54.9	31,630 *	56.6	26,170 *	58.0	20,590 *
	140	51.5	29,560 *	53.1	24,710 *	54.5	19,700 *
	150	47.9	27,690 *	49.5	23,440 *	50.8	19,020 *
	160	44.0	26,160 *	45.6	22,380 *	46.9	18,370 *
	170	39.9	24,780 *	41.5	21,390 *	42.6	17,900 *
40' JIB & 180' BOOM	40	81.9	32,000 *				
	50	79.3	32,000 *	81.0	32,000 *		
	60	76.6	32,000 *	78.3	32,000 *	79.9	31,910 *
	70	73.9	32,000 *	75.6	32,000 *	77.2	29,630 *
	80	71.2	32,000 *	72.9	32,000 *	74.5	27,610 *
	90	68.5	32,000 *	70.1	32,000 *	71.7	25,840 *
	100	65.6	32,000 *	67.3	32,000 *	68.8	24,420 *
	110	62.7	32,000 *	64.4	30,670 *	65.9	23,100 *
	120	59.8	32,000 *	61.4	28,680 *	62.8	22,020 *
	130	56.7	32,000 *	58.3	26,990 *	59.7	20,950 *
	140	53.5	30,720 *	55.1	25,440 *	56.5	20,140 *
	150	50.2	28,870 *	51.8	24,210 *	53.1	19,390 *
	160	46.7	27,150 *	48.2	23,050 *	49.5	18,770 *
	170	43.0	25,740 *	44.5	22,040 *	45.6	18,160 *
	180	39.0	23,650 *	40.4	21,170 *	41.5	17,720 *
40' JIB & 190' BOOM	41	82.0	32,000 *				
	50	79.7	32,000 *	81.4	32,000 *		
	60	77.2	32,000 *	78.9	32,000 *	80.4	32,000 *
	70	74.7	32,000 *	76.3	32,000 *	77.8	30,020 *
	80	72.1	32,000 *	73.7	32,000 *	75.2	28,070 *
	90	69.4	32,000 *	71.0	32,000 *	72.5	26,290 *
	100	66.8	32,000 *	68.3	32,000 *	69.8	24,860 *
	110	64.0	32,000 *	65.6	31,570 *	67.0	23,590 *
	120	61.2	32,000 *	62.8	29,540 *	64.2	22,410 *
	130	58.3	32,000 *	59.9	27,840 *	61.2	21,410 *
	140	55.3	31,900 *	56.9	26,290 *	58.2	20,500 *
	150	52.2	29,860 *	53.8	24,860 *	55.0	19,770 *
	160	49.0	27,960 *	50.5	23,690 *	51.7	19,060 *
	170	45.6	25,350 *	47.1	22,630 *	48.2	18,460 *
	180	42.0	23,040 *	43.4	21,770 *	44.5	18,040 *
	190	38.1	20,990 *	39.4	20,950 *	40.4	17,620 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 200' BOOM	43	81.8	32,000 *				
	50	80.2	32,000 *	81.8	32,000 *		
	60	77.7	32,000 *	79.3	32,000 *	80.8	32,000 *
	70	75.3	32,000 *	76.9	32,000 *	78.3	30,400 *
	80	72.8	32,000 *	74.4	32,000 *	75.8	28,490 *
	90	70.3	32,000 *	71.9	32,000 *	73.3	26,740 *
	100	67.8	32,000 *	69.3	32,000 *	70.7	25,290 *
	110	65.2	32,000 *	66.7	32,000 *	68.1	23,950 *
	120	62.5	32,000 *	64.0	30,350 *	65.4	22,790 *
	130	59.8	32,000 *	61.3	28,600 *	62.6	21,850 *
	140	57.0	32,000 *	58.5	26,950 *	59.7	20,890 *
	150	54.1	30,340 *	55.5	25,640 *	56.8	20,120 *
	160	51.1	27,340 *	52.5	24,320 *	53.7	19,400 *
	170	47.9	24,710 *	49.3	23,280 *	50.5	18,860 *
	180	44.6	22,410 *	46.0	22,330 *	47.1	18,290 *
	190	41.0	20,360 *	42.4	20,370 *	43.4	17,850 *
	200	37.2	18,540 *	38.5	18,550 *	39.5	17,520 *
40' JIB & 210' BOOM	44	81.9	32,000 *				
	50	80.6	32,000 *				
	60	78.2	32,000 *	79.8	32,000 *	81.2	32,000 *
	70	75.9	32,000 *	77.4	32,000 *	78.8	30,830 *
	80	73.5	32,000 *	75.0	32,000 *	76.4	28,880 *
	90	71.1	32,000 *	72.6	32,000 *	74.0	27,140 *
	100	68.7	32,000 *	70.2	32,000 *	71.5	25,660 *
	110	66.2	32,000 *	67.7	32,000 *	69.0	24,380 *
	120	63.7	32,000 *	65.2	31,130 *	66.4	23,170 *
	130	61.1	32,000 *	62.6	29,340 *	63.8	22,210 *
	140	58.5	32,000 *	59.9	27,740 *	61.1	21,250 *
	150	55.7	29,740 *	57.1	26,270 *	58.3	20,460 *
	160	52.9	26,730 *	54.3	25,000 *	55.5	19,820 *
	170	50.0	24,100 *	51.3	23,950 *	52.5	19,110 *
	180	46.9	21,790 *	48.2	21,800 *	49.3	18,610 *
	190	43.6	19,750 *	45.0	19,760 *	46.0	18,130 *
	200	40.2	17,920 *	41.5	17,930 *	42.4	17,750 *
	210	36.4	16,290 *	37.7	16,300 *	38.5	16,320 *

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Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET			15.0 DEG OFFSET			25.0 DEG OFFSET		
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
40' JIB & 220' BOOM	46	81.8	32,000	*						
	50	80.9	32,000	*						
	60	78.7	32,000	*	80.2	32,000	*	81.5	32,000	*
	70	76.5	32,000	*	77.9	32,000	*	79.3	31,200	*
	80	74.2	32,000	*	75.6	32,000	*	77.0	29,250	*
	90	71.9	32,000	*	73.3	32,000	*	74.6	27,540	*
	100	69.6	32,000	*	71.0	32,000	*	72.3	26,060	*
	110	67.2	32,000	*	68.6	32,000	*	69.9	24,710	*
	120	64.8	32,000	*	66.2	31,910	*	67.4	23,620	*
	130	62.3	32,000	*	63.7	30,100	*	64.9	22,600	*
	140	59.8	32,000	*	61.2	28,450	*	62.4	21,690	*
	150	57.2	29,120	*	58.6	26,970	*	59.7	20,830	*
	160	54.6	26,110	*	55.9	25,710	*	57.0	20,150	*
	170	51.8	23,490	*	53.1	23,490	*	54.2	19,470	*
	180	48.9	21,180	*	50.2	21,180	*	51.3	18,890	*
	190	45.9	19,120	*	47.2	19,130	*	48.2	18,410	*
	200	42.7	17,300	*	44.0	17,310	*	45.0	17,320	*
	210	39.4	15,660	*	40.6	15,660	*	41.5	15,680	*
	220	35.7	14,190	*	36.9	14,200	*	37.7	14,210	*
40' JIB & 230' BOOM	47	81.9	32,000	*						
	50	81.3	32,000	*						
	60	79.1	32,000	*	80.5	32,000	*	81.9	32,000	*
	70	77.0	32,000	*	78.4	32,000	*	79.7	31,510	*
	80	74.8	32,000	*	76.2	32,000	*	77.5	29,580	*
	90	72.6	32,000	*	74.0	32,000	*	75.2	27,920	*
	100	70.3	32,000	*	71.7	32,000	*	73.0	26,370	*
	110	68.1	32,000	*	69.4	32,000	*	70.7	25,170	*
	120	65.8	32,000	*	67.1	32,000	*	68.3	23,970	*
	130	63.4	32,000	*	64.8	30,760	*	66.0	22,910	*
	140	61.0	32,000	*	62.4	29,130	*	63.5	21,990	*
	150	58.6	28,770	*	59.9	27,650	*	61.0	21,220	*
	160	56.1	25,760	*	57.4	25,770	*	58.5	20,410	*
	170	53.4	23,140	*	54.7	23,140	*	55.8	19,770	*
	180	50.8	20,830	*	52.0	20,830	*	53.1	19,180	*
	190	47.9	18,780	*	49.2	18,780	*	50.2	18,700	*
	200	45.0	16,940	*	46.2	16,950	*	47.2	16,960	*
	210	41.9	15,300	*	43.1	15,310	*	44.0	15,330	*
	220	38.6	13,830	*	39.8	13,840	*	40.6	13,850	*
	230	35.0	12,500	*	36.1	12,510	*	36.9	12,530	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 240' BOOM	48	82.0	32,000 *				
	50	81.6	32,000 *				
	60	79.5	32,000 *	80.9	32,000 *		
	70	77.4	32,000 *	78.8	32,000 *	80.0	31,860 *
	80	75.3	32,000 *	76.7	32,000 *	77.9	29,860 *
	90	73.2	32,000 *	74.6	32,000 *	75.8	28,210 *
	100	71.1	32,000 *	72.4	32,000 *	73.6	26,740 *
	110	68.9	32,000 *	70.2	32,000 *	71.4	25,450 *
	120	66.7	32,000 *	68.0	32,000 *	69.2	24,290 *
	130	64.4	32,000 *	65.7	31,460 *	66.9	23,320 *
	140	62.2	31,660	63.4	29,840 *	64.6	22,330 *
	150	59.8	28,190	61.1	28,190	62.2	21,530 *
	160	57.4	25,180	58.7	25,180	59.8	20,800 *
	170	55.0	22,550	56.2	22,560	57.3	20,060 *
	180	52.4	20,240	53.6	20,240	54.7	19,450 *
	190	49.8	18,170	51.0	18,180	52.0	18,190
	200	47.0	16,350	48.2	16,350	49.2	16,370
	210	44.1	14,700	45.3	14,710	46.2	14,730
	220	41.1	13,230	42.3	13,230	43.1	13,250
	230	37.9	11,890	39.0	11,900	39.8	11,920
	240	34.3	10,690	35.4	10,700	36.1	10,720
40' JIB & 250' BOOM	50	81.9	32,000 *				
	60	79.9	32,000 *	81.2	32,000 *		
	70	77.9	32,000 *	79.2	32,000 *	80.4	32,000 *
	80	75.8	32,000 *	77.1	32,000 *	78.4	30,200 *
	90	73.8	32,000 *	75.1	32,000 *	76.3	28,580 *
	100	71.7	32,000 *	73.0	32,000 *	74.2	27,100 *
	110	69.7	32,000 *	70.9	32,000 *	72.1	25,790 *
	120	67.5	32,000 *	68.8	32,000 *	69.9	24,650 *
	130	65.4	32,000 *	66.6	32,000 *	67.8	23,580 *
	140	63.2	31,060	64.4	30,430 *	65.5	22,640 *
	150	61.0	27,580	62.2	27,590	63.3	21,800 *
	160	58.7	24,570	59.9	24,580	61.0	21,050 *
	170	56.3	21,930	57.5	21,940	58.6	20,440 *
	180	53.9	19,620	55.1	19,620	56.1	19,630
	190	51.4	17,560	52.6	17,570	53.6	17,580
	200	48.8	15,730	50.0	15,740	51.0	15,750
	210	46.2	14,090	47.3	14,090	48.2	14,110
	220	43.3	12,610	44.5	12,610	45.3	12,630
	230	40.3	11,270	41.5	11,280	42.3	11,290
	240	37.2	10,060	38.2	10,070	39.0	10,080
	250	33.7	8,960	34.8	8,970	35.4	8,980

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40' JIB & 260' BOOM	51	81.9	32,000 *				
	60	80.2	32,000 *	81.5	32,000 *		
	70	78.3	32,000 *	79.5	32,000 *	80.7	32,000 *
	80	76.3	32,000 *	77.6	32,000 *	78.8	30,500 *
	90	74.4	32,000 *	75.6	32,000 *	76.8	28,900 *
	100	72.4	32,000 *	73.6	32,000 *	74.8	27,430 *
	110	70.4	32,000 *	71.6	32,000 *	72.7	26,180 *
	120	68.3	32,000 *	69.6	32,000 *	70.7	24,990 *
	130	66.3	32,000 *	67.5	32,000 *	68.6	23,970 *
	140	64.2	30,470	65.4	30,470	66.4	22,980 *
	150	62.0	26,980	63.2	26,990	64.3	22,110 *
	160	59.8	23,970	61.0	23,970	62.1	21,420 *
	170	57.6	21,340	58.8	21,340	59.8	20,710 *
	180	55.3	19,020	56.5	19,020	57.5	19,040
	190	52.9	16,960	54.1	16,970	55.1	16,980
	200	50.5	15,130	51.6	15,140	52.6	15,150
	210	48.0	13,480	49.1	13,490	50.0	13,500
	220	45.3	12,000	46.4	12,000	47.3	12,020
	230	42.6	10,660	43.6	10,660	44.5	10,680
	240	39.6	9,440	40.7	9,450	41.5	9,470
	250	36.5	8,330	37.5	8,340	38.3	8,360
	260	33.1	7,320	34.1	7,330	34.8	7,350
40' JIB & 270' BOOM	53	81.8	32,000 *				
	60	80.5	32,000 *	81.8	32,000 *		
	70	78.7	32,000 *	79.9	32,000 *	81.0	32,000 *
	80	76.8	32,000 *	78.0	32,000 *	79.1	30,750 *
	90	74.9	32,000 *	76.1	32,000 *	77.2	29,190 *
	100	73.0	32,000 *	74.2	32,000 *	75.3	27,700 *
	110	71.0	32,000 *	72.2	32,000 *	73.3	26,490 *
	120	69.1	32,000 *	70.2	32,000 *	71.3	25,340 *
	130	67.1	32,000 *	68.3	32,000 *	69.3	24,270 *
	140	65.0	29,870	66.2	29,880	67.3	23,340 *
	150	63.0	26,390	64.2	26,390	65.2	22,420 *
	160	60.9	23,370	62.1	23,380	63.1	21,700 *
	170	58.8	20,730	59.9	20,740	60.9	20,750
	180	56.6	18,410	57.7	18,420	58.7	18,430
	190	54.3	16,350	55.4	16,360	56.4	16,370
	200	52.0	14,520	53.1	14,530	54.0	14,540
	210	49.6	12,870	50.7	12,880	51.6	12,890
	220	47.1	11,390	48.2	11,400	49.1	11,410
	230	44.5	10,040	45.6	10,050	46.4	10,060
	240	41.8	8,820	42.9	8,830	43.7	8,840
	250	39.0	7,710	40.0	7,710	40.7	7,730
	260	35.9	6,700	36.9	6,710	37.6	6,720
	270	32.6	5,770	33.5	5,780	34.1	5,800

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
40'	54	81.9	32,000 *				
JIB	60	80.8	32,000 *				
&	70	79.0	32,000 *	80.2	32,000 *	81.3	32,000 *
280'	80	77.2	32,000 *	78.4	32,000 *	79.5	31,020 *
BOOM	90	75.4	32,000 *	76.5	32,000 *	77.6	29,410 *
	100	73.5	32,000 *	74.7	32,000 *	75.7	28,090 *
	110	71.6	32,000 *	72.8	32,000 *	73.9	26,790 *
	120	69.7	32,000 *	70.9	32,000 *	71.9	25,580 *
	130	67.8	32,000 *	69.0	32,000 *	70.0	24,560 *
	140	65.9	29,480	67.0	29,490	68.0	23,590 *
	150	63.9	26,000	65.0	26,000	66.0	22,740 *
	160	61.9	22,980	63.0	22,990	64.0	21,980 *
	170	59.8	20,350	61.0	20,350	61.9	20,360
	180	57.7	18,030	58.9	18,030	59.8	18,040
	190	55.6	15,980	56.7	15,980	57.6	16,000
	200	53.4	14,130	54.5	14,140	55.4	14,150
	210	51.1	12,490	52.2	12,490	53.1	12,510
	220	48.8	11,000	49.8	11,010	50.7	11,020
	230	46.3	9,650	47.4	9,660	48.2	9,670
	240	43.8	8,430	44.8	8,440	45.6	8,450
	250	41.1	7,320	42.1	7,330	42.9	7,350
	260	38.3	6,300	39.3	6,310	40.0	6,320
	270	35.3	5,370	36.3	5,380	36.9	5,400
	280	32.0	4,530	33.0	4,540	33.5	4,550

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CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 130' BOOM	35	82.0	32,000 *				
	40	80.4	32,000 *				
	50	77.1	31,480 *	79.8	29,020 *		
	60	73.9	30,340 *	76.5	28,100 *	78.9	25,190 *
	70	70.5	29,290 *	73.1	27,300 *	75.5	23,020 *
	80	67.1	28,280 *	69.7	26,580 *	72.1	21,240 *
	90	63.6	27,410 *	66.2	25,900 *	68.5	19,760 *
	100	60.0	26,690 *	62.5	23,770 *	64.8	18,510 *
	110	56.2	25,980 *	58.7	22,020 *	60.9	17,420 *
	120	52.3	24,550 *	54.7	20,510 *	56.8	16,530 *
	130	48.1	22,840 *	50.5	19,260 *	52.5	15,730 *
50' JIB & 140' BOOM	37	81.8	32,000 *				
	40	80.9	32,000 *				
	50	77.8	31,700 *	80.3	29,070 *		
	60	74.7	30,560 *	77.2	28,200 *	79.6	25,620 *
	70	71.6	29,530 *	74.1	27,440 *	76.4	23,430 *
	80	68.4	28,640 *	70.8	26,720 *	73.1	21,710 *
	90	65.1	27,730 *	67.5	26,110 *	69.7	20,180 *
	100	61.7	26,990 *	64.1	24,650 *	66.3	18,930 *
	110	58.2	26,380 *	60.6	22,760 *	62.7	17,850 *
	120	54.6	25,740 *	56.9	21,280 *	59.0	16,940 *
	130	50.8	23,920 *	53.1	19,990 *	55.0	16,140 *
	140	46.7	22,310 *	49.0	18,860 *	50.8	15,450 *
50' JIB & 150' BOOM	38	81.9	32,000 *				
	40	81.3	32,000 *				
	50	78.4	31,790 *	80.8	29,160 *		
	60	75.5	30,690 *	77.9	28,310 *	80.1	25,980 *
	70	72.5	29,710 *	74.9	27,570 *	77.1	23,810 *
	80	69.5	28,840 *	71.8	26,920 *	74.0	22,050 *
	90	66.4	27,990 *	68.7	26,250 *	70.8	20,630 *
	100	63.3	27,330 *	65.5	25,420 *	67.6	19,380 *
	110	60.0	26,590 *	62.3	23,570 *	64.3	18,240 *
	120	56.6	25,980 *	58.8	22,000 *	60.8	17,290 *
	130	53.1	24,920 *	55.3	20,630 *	57.2	16,500 *
	140	49.4	23,240 *	51.5	19,440 *	53.4	15,830 *
	150	45.4	21,780 *	47.6	18,460 *	49.3	15,240 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 160' BOOM	40	81.7	32,000 *				
	50	79.0	32,000 *	81.3	29,180 *		
	60	76.2	30,920 *	78.5	28,450 *	80.6	26,290 *
	70	73.4	29,910 *	75.6	27,760 *	77.7	24,230 *
	80	70.5	29,030 *	72.7	27,100 *	74.8	22,490 *
	90	67.6	28,240 *	69.8	26,470 *	71.8	21,040 *
	100	64.6	27,570 *	66.8	25,940 *	68.8	19,740 *
	110	61.6	26,850 *	63.7	24,320 *	65.7	18,680 *
	120	58.4	26,250 *	60.5	22,740 *	62.4	17,710 *
	130	55.1	25,670 *	57.2	21,290 *	59.1	16,900 *
	140	51.7	24,210 *	53.8	20,130 *	55.5	16,130 *
	150	48.1	22,760 *	50.1	19,050 *	51.8	15,550 *
	160	44.3	21,380 *	46.3	18,120 *	47.9	14,990 *
50' JIB & 170' BOOM	41	81.9	32,000 *				
	50	79.5	32,000 *	81.7	29,220 *		
	60	76.8	31,090 *	79.0	28,530 *	81.0	26,530 *
	70	74.2	30,190 *	76.3	27,820 *	78.3	24,600 *
	80	71.4	29,260 *	73.6	27,210 *	75.5	22,800 *
	90	68.7	28,530 *	70.8	26,540 *	72.7	21,390 *
	100	65.9	27,790 *	67.9	26,020 *	69.8	20,090 *
	110	63.0	27,110 *	65.0	25,050 *	66.9	19,020 *
	120	60.0	26,530 *	62.0	23,330 *	63.9	18,050 *
	130	56.9	25,930 *	59.0	21,960 *	60.7	17,230 *
	140	53.7	25,170 *	55.7	20,700 *	57.5	16,480 *
	150	50.4	23,640 *	52.4	19,630 *	54.0	15,830 *
	160	46.9	22,200 *	48.9	18,710 *	50.4	15,290 *
	170	43.2	21,030 *	45.1	17,840 *	46.6	14,820 *
50' JIB & 180' BOOM	42	82.0	32,000 *				
	50	80.0	32,000 *				
	60	77.4	31,210 *	79.5	28,590 *	81.4	26,520 *
	70	74.9	30,280 *	76.9	27,920 *	78.8	24,900 *
	80	72.3	29,510 *	74.3	27,320 *	76.2	23,160 *
	90	69.6	28,640 *	71.7	26,670 *	73.5	21,700 *
	100	67.0	28,010 *	69.0	26,210 *	70.8	20,470 *
	110	64.2	27,390 *	66.2	25,670 *	68.0	19,390 *
	120	61.4	26,780 *	63.4	24,060 *	65.1	18,420 *
	130	58.5	26,150 *	60.5	22,600 *	62.2	17,570 *
	140	55.6	25,700 *	57.5	21,360 *	59.1	16,840 *
	150	52.5	24,510 *	54.4	20,200 *	56.0	16,150 *
	160	49.2	23,100 *	51.1	19,280 *	52.7	15,600 *
	170	45.8	21,860 *	47.7	18,400 *	49.1	15,080 *
	180	42.2	20,710 *	44.0	17,640 *	45.4	14,710 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 190' BOOM	44	81.8	32,000 *				
	50	80.4	32,000 *				
	60	78.0	31,350 *	79.9	28,640 *	81.8	26,510 *
	70	75.5	30,430 *	77.5	27,960 *	79.3	25,180 *
	80	73.0	29,620 *	75.0	27,420 *	76.8	23,490 *
	90	70.5	28,860 *	72.5	26,820 *	74.3	22,040 *
	100	68.0	28,210 *	69.9	26,280 *	71.7	20,830 *
	110	65.4	27,510 *	67.3	25,790 *	69.0	19,730 *
	120	62.7	26,950 *	64.6	24,690 *	66.3	18,750 *
	130	60.0	26,440 *	61.9	23,240 *	63.5	17,880 *
	140	57.2	25,850 *	59.0	21,910 *	60.7	17,150 *
	150	54.3	25,420 *	56.1	20,770 *	57.7	16,480 *
	160	51.3	23,930 *	53.1	19,790 *	54.6	15,850 *
	170	48.1	22,630 *	49.9	18,860 *	51.4	15,330 *
	180	44.8	21,410 *	46.5	18,110 *	47.9	14,900 *
	190	41.2	20,420 *	43.0	17,390 *	44.3	14,520 *
50' JIB & 200' BOOM	45	81.9	32,000 *				
	50	80.8	32,000 *				
	60	78.4	31,490 *	80.3	28,620 *		
	70	76.1	30,660 *	78.0	28,040 *	79.8	25,410 *
	80	73.7	29,830 *	75.6	27,430 *	77.4	23,820 *
	90	71.3	29,100 *	73.2	26,930 *	74.9	22,400 *
	100	68.9	28,350 *	70.8	26,440 *	72.4	21,150 *
	110	66.4	27,710 *	68.3	25,880 *	69.9	19,990 *
	120	63.9	27,210 *	65.7	25,340 *	67.4	19,060 *
	130	61.3	26,600 *	63.1	23,770 *	64.7	18,160 *
	140	58.7	26,080 *	60.4	22,440 *	62.0	17,400 *
	150	55.9	25,610 *	57.7	21,320 *	59.2	16,720 *
	160	53.1	24,770 *	54.8	20,270 *	56.3	16,160 *
	170	50.2	23,380 *	51.9	19,360 *	53.3	15,640 *
	180	47.1	22,170 *	48.8	18,550 *	50.2	15,180 *
	190	43.8	20,730 *	45.5	17,820 *	46.8	14,760 *
	200	40.4	18,900 *	42.0	17,200 *	43.2	14,410 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 210' BOOM	47	81.8	32,000 *				
	50	81.1	32,000 *				
	60	78.9	31,550 *	80.7	28,750 *		
	70	76.6	30,730 *	78.5	28,120 *	80.2	25,720 *
	80	74.4	29,900 *	76.2	27,540 *	77.9	24,030 *
	90	72.1	29,190 *	73.9	26,960 *	75.5	22,630 *
	100	69.7	28,580 *	71.5	26,460 *	73.2	21,400 *
	110	67.4	27,870 *	69.2	26,060 *	70.8	20,330 *
	120	65.0	27,330 *	66.7	25,580 *	68.3	19,350 *
	130	62.5	26,790 *	64.3	24,440 *	65.8	18,440 *
	140	60.0	26,340 *	61.7	23,090 *	63.2	17,750 *
	150	57.4	25,830 *	59.1	21,870 *	60.6	17,060 *
	160	54.7	25,410 *	56.4	20,820 *	57.9	16,400 *
	170	52.0	24,170 *	53.7	19,910 *	55.1	15,860 *
	180	49.1	22,160 *	50.8	19,060 *	52.1	15,410 *
	190	46.1	20,110 *	47.7	18,320 *	49.0	14,990 *
	200	42.9	18,280 *	44.5	17,620 *	45.7	14,590 *
	210	39.5	16,650 *	41.1	16,660 *	42.2	14,320 *
50' JIB & 220' BOOM	48	81.9	32,000 *				
	50	81.4	32,000 *				
	60	79.3	31,640 *	81.1	28,710 *		
	70	77.1	30,800 *	78.9	28,120 *	80.5	26,000 *
	80	75.0	30,060 *	76.7	27,550 *	78.3	24,320 *
	90	72.8	29,420 *	74.5	27,060 *	76.1	22,940 *
	100	70.5	28,670 *	72.3	26,570 *	73.8	21,730 *
	110	68.3	28,130 *	70.0	26,110 *	71.5	20,630 *
	120	66.0	27,570 *	67.7	25,670 *	69.2	19,610 *
	130	63.6	26,930 *	65.3	25,030 *	66.8	18,790 *
	140	61.2	26,490 *	62.9	23,570 *	64.4	17,990 *
	150	58.8	26,010 *	60.4	22,440 *	61.9	17,290 *
	160	56.2	25,580 *	57.9	21,290 *	59.3	16,690 *
	170	53.6	23,860 *	55.2	20,390 *	56.6	16,120 *
	180	50.9	21,550 *	52.5	19,470 *	53.9	15,670 *
	190	48.1	19,490 *	49.7	18,720 *	51.0	15,200 *
	200	45.2	17,660 *	46.7	17,670 *	48.0	14,790 *
	210	42.1	16,020 *	43.6	16,030 *	44.8	14,470 *
	220	38.8	14,550 *	40.2	14,560 *	41.3	14,210 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 230' BOOM	49	82.0	32,000 *				
	50	81.8	32,000 *				
	60	79.7	31,710 *	81.4	28,700 *		
	70	77.6	30,870 *	79.3	28,100 *	80.9	26,020 *
	80	75.5	30,130 *	77.2	27,610 *	78.8	24,560 *
	90	73.4	29,410 *	75.1	27,130 *	76.6	23,200 *
	100	71.2	28,840 *	72.9	26,650 *	74.4	21,940 *
	110	69.1	28,230 *	70.7	26,160 *	72.2	20,890 *
	120	66.9	27,630 *	68.5	25,730 *	70.0	19,930 *
	130	64.6	27,170 *	66.3	25,410 *	67.7	19,040 *
	140	62.3	26,570 *	64.0	24,120 *	65.4	18,270 *
	150	60.0	26,190 *	61.6	22,890 *	63.0	17,580 *
	160	57.6	25,720 *	59.2	21,790 *	60.6	16,940 *
	170	55.1	23,500 *	56.7	20,810 *	58.0	16,370 *
	180	52.6	21,190 *	54.1	19,990 *	55.4	15,900 *
	190	49.9	19,130 *	51.5	19,130 *	52.7	15,400 *
	200	47.2	17,300 *	48.7	17,310 *	49.9	14,990 *
	210	44.3	15,660 *	45.8	15,670 *	47.0	14,650 *
	220	41.3	14,190 *	42.7	14,200 *	43.8	14,210 *
	230	38.0	12,840 *	39.4	12,850 *	40.5	12,870 *
50' JIB & 240' BOOM	51	81.8	32,000 *				
	60	80.0	31,690 *	81.7	28,750 *		
	70	78.0	30,980 *	79.7	28,110 *	81.2	26,000 *
	80	76.0	30,280 *	77.6	27,680 *	79.2	24,810 *
	90	74.0	29,600 *	75.6	27,200 *	77.1	23,470 *
	100	71.9	28,930 *	73.5	26,670 *	75.0	22,230 *
	110	69.8	28,320 *	71.4	26,280 *	72.9	21,130 *
	120	67.7	27,770 *	69.3	25,890 *	70.7	20,210 *
	130	65.6	27,240 *	67.1	25,460 *	68.6	19,300 *
	140	63.4	26,730 *	64.9	24,620 *	66.3	18,490 *
	150	61.1	26,310 *	62.7	23,400 *	64.1	17,800 *
	160	58.8	25,530 *	60.4	22,280 *	61.7	17,150 *
	170	56.5	22,900 *	58.0	21,260 *	59.3	16,620 *
	180	54.1	20,590 *	55.6	20,390 *	56.9	16,090 *
	190	51.6	18,530 *	53.1	18,540 *	54.3	15,640 *
	200	49.0	16,700 *	50.5	16,710 *	51.7	15,220 *
	210	46.3	15,060 *	47.8	15,070 *	48.9	14,830 *
	220	43.5	13,590 *	44.9	13,590 *	46.0	13,610 *
	230	40.5	12,240 *	41.9	12,250 *	43.0	12,270 *
	240	37.3	11,030 *	38.7	11,040 *	39.7	11,060 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 250' BOOM	52	81.9	32,000 *				
	60	80.4	31,770 *	82.0	28,690 *		
	70	78.4	31,130 *	80.0	28,150 *	81.5	26,050 *
	80	76.5	30,390 *	78.1	27,730 *	79.5	25,030 *
	90	74.5	29,720 *	76.1	27,170 *	77.5	23,720 *
	100	72.5	29,050 *	74.1	26,740 *	75.5	22,500 *
	110	70.5	28,470 *	72.1	26,350 *	73.5	21,440 *
	120	68.5	27,970 *	70.0	25,890 *	71.4	20,420 *
	130	66.4	27,430 *	68.0	25,530 *	69.3	19,530 *
	140	64.3	26,930 *	65.8	25,170 *	67.2	18,770 *
	150	62.2	26,510 *	63.7	23,890 *	65.0	18,090 *
	160	60.0	24,930 *	61.5	22,760 *	62.8	17,410 *
	170	57.8	22,300 *	59.2	21,730 *	60.5	16,840 *
	180	55.5	19,980 *	56.9	19,990 *	58.2	16,340 *
	190	53.1	17,920 *	54.6	17,930 *	55.8	15,880 *
	200	50.7	16,090 *	52.1	16,100 *	53.3	15,450 *
	210	48.1	14,440 *	49.5	14,450 *	50.7	14,470 *
	220	45.5	12,960 *	46.9	12,970 *	48.0	12,980 *
	230	42.7	11,620 *	44.1	11,630 *	45.1	11,640 *
	240	39.8	10,400 *	41.1	10,410 *	42.1	10,430 *
	250	36.7	9,290 *	38.0	9,300 *	38.9	9,320 *
50' JIB & 260' BOOM	53	82.0	32,000 *				
	60	80.7	31,810 *				
	70	78.8	31,120 *	80.4	28,240 *	81.8	26,030 *
	80	76.9	30,360 *	78.5	27,650 *	79.9	25,240 *
	90	75.0	29,800 *	76.6	27,220 *	78.0	23,940 *
	100	73.1	29,150 *	74.6	26,770 *	76.0	22,700 *
	110	71.2	28,580 *	72.7	26,420 *	74.1	21,630 *
	120	69.2	27,980 *	70.7	25,980 *	72.1	20,660 *
	130	67.2	27,520 *	68.7	25,610 *	70.0	19,830 *
	140	65.2	27,070 *	66.7	25,280 *	68.0	19,030 *
	150	63.2	26,610 *	64.6	24,380 *	65.9	18,320 *
	160	61.1	24,330 *	62.5	23,250 *	63.8	17,690 *
	170	58.9	21,700 *	60.4	21,710 *	61.6	17,040 *
	180	56.7	19,380 *	58.2	19,390 *	59.4	16,520 *
	190	54.5	17,320 *	55.9	17,330 *	57.1	16,040 *
	200	52.2	15,480 *	53.6	15,490 *	54.7	15,500 *
	210	49.8	13,840 *	51.2	13,850 *	52.3	13,860 *
	220	47.3	12,350 *	48.7	12,360 *	49.7	12,380 *
	230	44.7	11,010 *	46.0	11,020 *	47.1	11,030 *
	240	42.0	9,790 *	43.3	9,800 *	44.3	9,820 *
	250	39.1	8,680 *	40.4	8,690 *	41.3	8,700 *
	260	36.0	7,670 *	37.3	7,680 *	38.2	7,700 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
50' JIB & 270' BOOM	55	81.9	32,000 *				
	60	81.0	31,880 *				
	70	79.2	31,090 *	80.7	28,170 *		
	80	77.3	30,430 *	78.8	27,670 *	80.2	25,470 *
	90	75.5	29,850 *	77.0	27,220 *	78.4	24,170 *
	100	73.7	29,200 *	75.1	26,840 *	76.5	22,910 *
	110	71.8	28,610 *	73.2	26,440 *	74.6	21,880 *
	120	69.9	28,090 *	71.3	26,030 *	72.7	20,940 *
	130	68.0	27,570 *	69.4	25,680 *	70.7	20,060 *
	140	66.0	27,190 *	67.5	25,290 *	68.7	19,220 *
	150	64.1	26,680 *	65.5	24,880 *	66.7	18,560 *
	160	62.0	23,730 *	63.5	23,730 *	64.7	17,900 *
	170	60.0	21,100 *	61.4	21,100 *	62.6	17,300 *
	180	57.9	18,780 *	59.3	18,780 *	60.5	16,730 *
	190	55.8	16,720 *	57.1	16,720 *	58.3	16,230 *
	200	53.5	14,870 *	54.9	14,880 *	56.1	14,890 *
	210	51.3	13,230 *	52.6	13,240 *	53.7	13,250 *
	220	48.9	11,740 *	50.3	11,750 *	51.3	11,760 *
	230	46.5	10,390 *	47.8	10,400 *	48.9	10,420 *
	240	44.0	9,170 *	45.2	9,180 *	46.2	9,200 *
	250	41.3	8,060 *	42.6	8,070 *	43.5	8,090 *
	260	38.5	7,040 *	39.7	7,050 *	40.6	7,070 *
	270	35.4	6,110 *	36.7	6,120 *	37.5	6,150 *
50' JIB & 280' BOOM	56	82.0	31,980 *				
	60	81.3	31,710 *				
	70	79.5	31,020 *	80.9	28,070 *		
	80	77.7	30,320 *	79.2	27,640 *	80.5	25,490 *
	90	76.0	29,770 *	77.4	27,180 *	78.7	24,350 *
	100	74.2	29,210 *	75.6	26,730 *	76.9	23,190 *
	110	72.4	28,660 *	73.8	26,370 *	75.1	22,100 *
	120	70.5	28,040 *	71.9	25,930 *	73.2	21,120 *
	130	68.7	27,610 *	70.1	25,610 *	71.3	20,290 *
	140	66.8	27,180 *	68.2	25,300 *	69.4	19,490 *
	150	64.9	26,350 *	66.3	24,970 *	67.5	18,720 *
	160	63.0	23,340 *	64.3	23,340 *	65.5	18,110 *
	170	61.0	20,700 *	62.4	20,710 *	63.5	17,490 *
	180	59.0	18,380 *	60.3	18,390 *	61.5	17,000 *
	190	56.9	16,320 *	58.3	16,330 *	59.4	16,340 *
	200	54.8	14,480 *	56.2	14,490 *	57.3	14,510 *
	210	52.7	12,840 *	54.0	12,850 *	55.1	12,860 *
	220	50.4	11,350 *	51.7	11,350 *	52.8	11,370 *
	230	48.1	10,000 *	49.4	10,010 *	50.5	10,020 *
	240	45.7	8,770 *	47.0	8,780 *	48.0	8,800 *
	250	43.2	7,660 *	44.5	7,670 *	45.4	7,690 *
	260	40.6	6,650 *	41.8	6,650 *	42.8	6,670 *
	270	37.8	5,700 *	39.0	5,710 *	39.9	5,730 *
	280	34.9	4,850 *	36.0	4,860 *	36.8	4,880 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 150' BOOM	40	82.0	30,360 *				
	50	79.2	29,110 *	82.0	26,370 *		
	60	76.4	27,960 *	79.2	25,510 *	81.7	22,750 *
	70	73.6	27,010 *	76.3	24,720 *	78.9	20,920 *
	80	70.8	26,080 *	73.4	24,080 *	75.9	19,340 *
	90	67.8	25,180 *	70.5	23,450 *	73.0	17,980 *
	100	64.9	24,420 *	67.5	22,180 *	69.9	16,900 *
	110	61.8	23,790 *	64.4	20,510 *	66.8	15,920 *
	120	58.6	23,090 *	61.2	19,170 *	63.5	15,090 *
	130	55.4	21,880 *	57.9	17,990 *	60.2	14,310 *
	140	51.9	20,320 *	54.5	16,890 *	56.6	13,690 *
	150	48.3	19,040 *	50.8	15,990 *	52.9	13,170 *
60' JIB & 160' BOOM	42	81.8	30,170 *				
	50	79.7	29,220 *				
	60	77.1	28,220 *	79.7	25,580 *		
	70	74.4	27,140 *	77.0	24,870 *	79.4	21,130 *
	80	71.7	26,290 *	74.2	24,170 *	76.6	19,600 *
	90	68.9	25,490 *	71.4	23,580 *	73.8	18,340 *
	100	66.1	24,690 *	68.6	22,810 *	70.9	17,170 *
	110	63.2	24,050 *	65.7	21,160 *	68.0	16,190 *
	120	60.2	23,350 *	62.7	19,750 *	64.9	15,360 *
	130	57.1	22,710 *	59.6	18,490 *	61.8	14,630 *
	140	54.0	21,150 *	56.4	17,400 *	58.5	13,980 *
	150	50.6	19,790 *	53.0	16,530 *	55.1	13,410 *
	160	47.1	18,680 *	49.5	15,710 *	51.4	12,920 *
60' JIB & 170' BOOM	43	81.9	30,080 *				
	50	80.2	29,330 *				
	60	77.6	28,360 *	80.1	25,670 *		
	70	75.1	27,310 *	77.6	24,950 *	79.9	21,390 *
	80	72.5	26,450 *	74.9	24,330 *	77.2	19,920 *
	90	69.9	25,690 *	72.3	23,660 *	74.6	18,630 *
	100	67.2	24,980 *	69.6	23,150 *	71.8	17,510 *
	110	64.4	24,270 *	66.8	21,770 *	69.0	16,520 *
	120	61.6	23,630 *	64.0	20,280 *	66.2	15,630 *
	130	58.8	23,060 *	61.1	19,000 *	63.2	14,930 *
	140	55.8	21,960 *	58.1	17,920 *	60.1	14,220 *
	150	52.7	20,580 *	55.0	16,990 *	57.0	13,700 *
	160	49.4	19,370 *	51.7	16,120 *	53.6	13,170 *
	170	46.0	18,280 *	48.3	15,400 *	50.1	12,760 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 180' BOOM	45	81.8	29,950 *				
	50	80.6	29,400 *				
	60	78.2	28,370 *	80.5	25,740 *		
	70	75.7	27,540 *	78.1	24,970 *	80.3	21,590 *
	80	73.2	26,620 *	75.6	24,400 *	77.8	20,150 *
	90	70.7	25,840 *	73.1	23,780 *	75.2	18,900 *
	100	68.2	25,130 *	70.5	23,250 *	72.6	17,750 *
	110	65.6	24,450 *	67.9	22,300 *	70.0	16,750 *
	120	62.9	23,860 *	65.2	20,860 *	67.3	15,900 *
	130	60.2	23,250 *	62.5	19,550 *	64.5	15,150 *
	140	57.4	22,690 *	59.6	18,400 *	61.6	14,510 *
	150	54.5	21,330 *	56.7	17,480 *	58.6	13,920 *
	160	51.5	20,070 *	53.7	16,630 *	55.5	13,420 *
	170	48.3	18,970 *	50.5	15,820 *	52.3	12,940 *
	180	45.0	17,990 *	47.1	15,180 *	48.8	12,550 *
60' JIB & 190' BOOM	46	81.9	29,880 *				
	50	81.0	29,480 *				
	60	78.6	28,560 *	80.9	25,750 *		
	70	76.3	27,630 *	78.6	25,080 *	80.7	21,850 *
	80	73.9	26,840 *	76.2	24,450 *	78.3	20,350 *
	90	71.5	26,060 *	73.8	23,850 *	75.9	19,130 *
	100	69.1	25,300 *	71.3	23,340 *	73.4	18,040 *
	110	66.6	24,620 *	68.8	22,780 *	70.9	17,020 *
	120	64.1	24,050 *	66.3	21,340 *	68.3	16,170 *
	130	61.5	23,510 *	63.7	20,040 *	65.6	15,450 *
	140	58.9	22,940 *	61.0	18,940 *	62.9	14,750 *
	150	56.1	22,070 *	58.3	17,920 *	60.1	14,170 *
	160	53.3	20,730 *	55.4	17,040 *	57.2	13,660 *
	170	50.3	19,640 *	52.4	16,240 *	54.2	13,200 *
	180	47.3	18,620 *	49.3	15,560 *	51.0	12,780 *
	190	44.0	17,700 *	46.0	14,930 *	47.7	12,400 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 200' BOOM	47	82.0	29,960 *				
	50	81.3	29,660 *				
	60	79.1	28,640 *	81.3	25,770 *		
	70	76.8	27,830 *	79.0	25,180 *	81.1	22,020 *
	80	74.6	26,990 *	76.7	24,510 *	78.8	20,600 *
	90	72.3	26,150 *	74.4	23,980 *	76.4	19,330 *
	100	69.9	25,540 *	72.1	23,500 *	74.1	18,280 *
	110	67.6	24,900 *	69.7	22,970 *	71.7	17,310 *
	120	65.2	24,290 *	67.3	21,880 *	69.2	16,450 *
	130	62.7	23,720 *	64.8	20,560 *	66.7	15,690 *
	140	60.2	23,210 *	62.3	19,370 *	64.1	15,000 *
	150	57.6	22,700 *	59.7	18,400 *	61.5	14,420 *
	160	54.9	21,450 *	57.0	17,460 *	58.7	13,870 *
	170	52.2	20,290 *	54.2	16,640 *	55.9	13,370 *
	180	49.3	19,170 *	51.3	15,930 *	53.0	12,990 *
	190	46.3	18,290 *	48.2	15,330 *	49.8	12,610 *
	200	43.1	17,400 *	45.0	14,750 *	46.6	12,290 *
60' JIB & 210' BOOM	49	81.8	29,760 *				
	50	81.6	29,680 *				
	60	79.5	28,780 *	81.6	25,860 *		
	70	77.3	27,840 *	79.4	25,150 *	81.4	22,250 *
	80	75.1	27,060 *	77.2	24,640 *	79.2	20,840 *
	90	72.9	26,340 *	75.0	24,080 *	77.0	19,570 *
	100	70.7	25,640 *	72.8	23,520 *	74.7	18,460 *
	110	68.4	25,040 *	70.5	23,030 *	72.4	17,520 *
	120	66.1	24,380 *	68.2	22,300 *	70.1	16,690 *
	130	63.8	23,830 *	65.8	20,980 *	67.7	15,900 *
	140	61.4	23,340 *	63.4	19,870 *	65.2	15,220 *
	150	58.9	22,860 *	60.9	18,770 *	62.7	14,630 *
	160	56.4	22,120 *	58.4	17,900 *	60.1	14,070 *
	170	53.8	20,910 *	55.8	17,040 *	57.4	13,570 *
	180	51.1	19,820 *	53.0	16,360 *	54.7	13,140 *
	190	48.3	18,850 *	50.2	15,640 *	51.8	12,810 *
	200	45.4	17,960 *	47.2	15,060 *	48.8	12,440 *
	210	42.2	16,990 *	44.1	14,580 *	45.5	12,180 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 220' BOOM	50	81.9	29,720 *				
	60	79.9	28,820 *	81.9	25,860 *		
	70	77.8	28,040 *	79.8	25,170 *	81.8	22,390 *
	80	75.7	27,210 *	77.7	24,620 *	79.6	21,030 *
	90	73.6	26,510 *	75.6	24,070 *	77.5	19,780 *
	100	71.4	25,820 *	73.4	23,620 *	75.3	18,720 *
	110	69.2	25,160 *	71.2	23,160 *	73.1	17,730 *
	120	67.0	24,550 *	69.0	22,730 *	70.8	16,890 *
	130	64.8	24,060 *	66.8	21,480 *	68.5	16,100 *
	140	62.5	23,550 *	64.5	20,300 *	66.2	15,420 *
	150	60.2	23,030 *	62.1	19,270 *	63.8	14,870 *
	160	57.8	22,550 *	59.7	18,320 *	61.4	14,300 *
	170	55.3	21,580 *	57.2	17,440 *	58.8	13,770 *
	180	52.8	20,400 *	54.6	16,690 *	56.2	13,350 *
	190	50.1	19,390 *	52.0	16,060 *	53.5	12,950 *
	200	47.4	18,010 *	49.2	15,400 *	50.7	12,630 *
	210	44.5	16,360 *	46.3	14,900 *	47.7	12,330 *
	220	41.4	14,890 *	43.2	14,430 *	44.6	12,080 *
60' JIB & 230' BOOM	52	81.8	29,460 *				
	60	80.2	28,820 *				
	70	78.2	28,070 *	80.2	25,220 *		
	80	76.2	27,230 *	78.2	24,680 *	80.0	21,240 *
	90	74.1	26,530 *	76.1	24,130 *	77.9	20,010 *
	100	72.1	25,850 *	74.0	23,640 *	75.8	18,940 *
	110	70.0	25,240 *	71.9	23,170 *	73.7	17,980 *
	120	67.9	24,690 *	69.8	22,780 *	71.5	17,110 *
	130	65.7	24,150 *	67.6	21,950 *	69.4	16,380 *
	140	63.5	23,680 *	65.4	20,700 *	67.1	15,700 *
	150	61.3	23,160 *	63.2	19,690 *	64.8	15,050 *
	160	59.0	22,770 *	60.9	18,660 *	62.5	14,480 *
	170	56.7	22,150 *	58.5	17,860 *	60.1	14,010 *
	180	54.3	21,040 *	56.1	17,040 *	57.6	13,570 *
	190	51.8	19,460 *	53.6	16,400 *	55.1	13,160 *
	200	49.2	17,630 *	51.0	15,750 *	52.4	12,780 *
	210	46.5	16,000 *	48.2	15,180 *	49.7	12,470 *
	220	43.7	14,520 *	45.4	14,530 *	46.7	12,170 *
	230	40.7	13,180 *	42.4	13,190 *	43.7	11,940 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 240' BOOM	53	81.9	29,450 *				
	60	80.5	28,880 *				
	70	78.6	28,110 *	80.5	25,220 *		
	80	76.7	27,350 *	78.6	24,650 *	80.3	21,410 *
	90	74.7	26,650 *	76.6	24,190 *	78.3	20,190 *
	100	72.7	25,990 *	74.6	23,730 *	76.3	19,070 *
	110	70.7	25,420 *	72.6	23,260 *	74.3	18,140 *
	120	68.7	24,900 *	70.5	22,890 *	72.2	17,330 *
	130	66.6	24,280 *	68.4	22,350 *	70.1	16,560 *
	140	64.5	23,830 *	66.3	21,170 *	68.0	15,870 *
	150	62.3	23,360 *	64.2	20,040 *	65.8	15,270 *
	160	60.2	22,860 *	62.0	19,080 *	63.6	14,720 *
	170	57.9	22,510 *	59.7	18,200 *	61.3	14,200 *
	180	55.6	20,930 *	57.4	17,460 *	58.9	13,750 *
	190	53.3	18,870 *	55.0	16,730 *	56.5	13,320 *
	200	50.8	17,040 *	52.6	16,080 *	54.0	12,990 *
	210	48.3	15,390 *	50.0	15,400 *	51.4	12,640 *
	220	45.6	13,920 *	47.3	13,930 *	48.7	12,340 *
	230	42.9	12,580 *	44.5	12,590 *	45.8	12,100 *
	240	40.0	11,360 *	41.6	11,370 *	42.8	11,400 *
60' JIB & 250' BOOM	54	82.0	29,430 *				
	60	80.9	28,950 *				
	70	79.0	28,130 *	80.8	25,220 *		
	80	77.1	27,440 *	78.9	24,740 *	80.7	21,550 *
	90	75.2	26,740 *	77.0	24,200 *	78.7	20,350 *
	100	73.3	26,140 *	75.1	23,780 *	76.8	19,290 *
	110	71.3	25,600 *	73.1	23,340 *	74.8	18,360 *
	120	69.4	25,040 *	71.2	22,900 *	72.8	17,510 *
	130	67.4	24,430 *	69.2	22,540 *	70.8	16,780 *
	140	65.4	23,920 *	67.1	21,510 *	68.7	16,070 *
	150	63.3	23,500 *	65.1	20,490 *	66.6	15,440 *
	160	61.2	23,040 *	63.0	19,460 *	64.5	14,870 *
	170	59.1	22,640 *	60.8	18,550 *	62.3	14,360 *
	180	56.9	20,320 *	58.6	17,810 *	60.1	13,950 *
	190	54.6	18,260 *	56.3	17,050 *	57.8	13,500 *
	200	52.3	16,430 *	54.0	16,410 *	55.4	13,100 *
	210	49.9	14,780 *	51.6	14,790 *	53.0	12,770 *
	220	47.4	13,290 *	49.1	13,300 *	50.4	12,460 *
	230	44.9	11,960 *	46.5	11,970 *	47.8	11,990 *
	240	42.1	10,730 *	43.7	10,740 *	45.0	10,760 *
	250	39.3	9,630 *	40.8	9,640 *	42.0	9,660 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 260' BOOM	56	81.9	29,270 *				
	60	81.1	28,910 *				
	70	79.3	28,170 *	81.1	25,200 *		
	80	77.5	27,490 *	79.3	24,780 *	81.0	21,710 *
	90	75.7	26,850 *	77.4	24,230 *	79.1	20,500 *
	100	73.8	26,240 *	75.6	23,790 *	77.2	19,470 *
	110	71.9	25,600 *	73.7	23,430 *	75.3	18,530 *
	120	70.0	25,100 *	71.8	22,990 *	73.4	17,660 *
	130	68.1	24,530 *	69.9	22,570 *	71.4	16,970 *
	140	66.2	24,070 *	67.9	21,970 *	69.5	16,220 *
	150	64.2	23,590 *	65.9	20,830 *	67.5	15,630 *
	160	62.2	23,190 *	63.9	19,810 *	65.4	15,040 *
	170	60.1	22,040 *	61.8	18,960 *	63.3	14,590 *
	180	58.1	19,720 *	59.7	18,110 *	61.2	14,090 *
	190	55.9	17,660 *	57.6	17,380 *	59.0	13,700 *
	200	53.7	15,820 *	55.3	15,830 *	56.7	13,270 *
	210	51.4	14,180 *	53.1	14,190 *	54.4	12,950 *
	220	49.1	12,690 *	50.7	12,700 *	52.0	12,630 *
	230	46.6	11,340 *	48.2	11,350 *	49.5	11,370 *
	240	44.1	10,120 *	45.7	10,130 *	46.9	10,150 *
	250	41.4	9,010 *	43.0	9,020 *	44.1	9,040 *
	260	38.6	7,990 *	40.1	8,000 *	41.2	8,020 *
60' JIB & 270' BOOM	57	81.9	29,130 *				
	60	81.4	28,970 *				
	70	79.7	28,150 *	81.4	25,200 *		
	80	77.9	27,550 *	79.6	24,670 *	81.2	21,820 *
	90	76.1	26,910 *	77.8	24,270 *	79.4	20,720 *
	100	74.3	26,280 *	76.0	23,810 *	77.6	19,620 *
	110	72.5	25,670 *	74.2	23,450 *	75.8	18,680 *
	120	70.7	25,210 *	72.4	23,030 *	73.9	17,890 *
	130	68.8	24,680 *	70.5	22,640 *	72.0	17,150 *
	140	66.9	24,160 *	68.6	22,250 *	70.1	16,440 *
	150	65.0	23,730 *	66.7	21,200 *	68.2	15,800 *
	160	63.1	23,280 *	64.8	20,220 *	66.2	15,240 *
	170	61.1	21,430 *	62.8	19,280 *	64.2	14,750 *
	180	59.1	19,110 *	60.8	18,480 *	62.2	14,230 *
	190	57.1	17,050 *	58.7	17,060 *	60.1	13,820 *
	200	55.0	15,210 *	56.6	15,220 *	57.9	13,470 *
	210	52.8	13,570 *	54.4	13,580 *	55.7	13,060 *
	220	50.6	12,080 *	52.2	12,090 *	53.5	12,100 *
	230	48.3	10,730 *	49.8	10,740 *	51.1	10,760 *
	240	45.9	9,500 *	47.4	9,510 *	48.6	9,530 *
	250	43.4	8,390 *	44.9	8,400 *	46.1	8,420 *
	260	40.8	7,380 *	42.2	7,390 *	43.4	7,410 *
	270	38.0	6,430 *	39.4	6,450 *	40.5	6,470 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
60' JIB & 280' BOOM	59	81.8	28,830 *				
	60	81.7	28,750 *				
	70	80.0	28,040 *	81.6	25,070 *		
	80	78.2	27,440 *	79.9	24,640 *	81.5	21,980 *
	90	76.5	26,790 *	78.2	24,200 *	79.8	20,800 *
	100	74.8	26,240 *	76.5	23,790 *	78.0	19,810 *
	110	73.0	25,640 *	74.7	23,340 *	76.2	18,890 *
	120	71.3	25,170 *	72.9	22,980 *	74.4	18,060 *
	130	69.5	24,690 *	71.1	22,640 *	72.6	17,280 *
	140	67.7	24,220 *	69.3	22,240 *	70.8	16,610 *
	150	65.8	23,750 *	67.4	21,580 *	68.9	15,960 *
	160	64.0	23,360 *	65.6	20,540 *	67.0	15,450 *
	170	62.1	21,040 *	63.7	19,620 *	65.1	14,920 *
	180	60.1	18,720 *	61.7	18,720 *	63.1	14,440 *
	190	58.2	16,650 *	59.7	16,660 *	61.1	14,010 *
	200	56.2	14,820 *	57.7	14,820 *	59.1	13,620 *
	210	54.1	13,170 *	55.6	13,180 *	57.0	13,200 *
	220	52.0	11,680 *	53.5	11,680 *	54.8	11,700 *
	230	49.8	10,340 *	51.3	10,340 *	52.5	10,360 *
	240	47.5	9,110 *	49.0	9,120 *	50.2	9,140 *
	250	45.2	7,990 *	46.6	8,000 *	47.8	8,020 *
	260	42.7	6,960 *	44.2	6,970 *	45.3	7,000 *
	270	40.1	6,030 *	41.6	6,040 *	42.6	6,060 *
	280	37.4	5,170 *	38.8	5,180 *	39.8	5,200 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HL Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		*	15.0 DEG OFFSET		*	25.0 DEG OFFSET		*
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
70' JIB & 180' BOOM	47	81.8	22,290	*						
	50	81.2	22,090	*						
	60	78.8	21,240	*	81.5	18,970	*			
	70	76.5	20,490	*	79.2	18,400	*	81.7	16,750	*
	80	74.1	19,720	*	76.8	17,870	*	79.3	16,340	*
	90	71.7	19,130	*	74.4	17,350	*	76.8	15,870	*
	100	69.3	18,550	*	71.9	16,910	*	74.3	15,430	*
	110	66.8	17,940	*	69.4	16,440	*	71.8	14,630	*
	120	64.3	17,440	*	66.9	15,920	*	69.2	13,840	*
	130	61.7	16,910	*	64.3	15,520	*	66.6	13,200	*
	140	59.0	16,440	*	61.6	15,110	*	63.9	12,590	*
	150	56.3	15,880	*	58.8	14,750	*	61.0	12,070	*
	160	53.5	15,480	*	56.0	14,420	*	58.1	11,580	*
	170	50.5	15,070	*	53.0	13,760	*	55.1	11,200	*
	180	47.5	14,690	*	49.9	13,190	*	51.9	10,840	*
70' JIB & 190' BOOM	48	81.9	22,320	*						
	50	81.5	22,150	*						
	60	79.3	21,340	*	81.8	18,990	*			
	70	77.0	20,590	*	79.6	18,490	*			
	80	74.8	19,850	*	77.3	17,920	*	79.7	16,340	*
	90	72.5	19,240	*	75.0	17,420	*	77.4	15,940	*
	100	70.1	18,680	*	72.6	17,000	*	75.0	15,470	*
	110	67.8	18,070	*	70.3	16,540	*	72.6	14,830	*
	120	65.3	17,620	*	67.8	16,060	*	70.1	14,090	*
	130	62.9	17,090	*	65.4	15,590	*	67.6	13,370	*
	140	60.4	16,680	*	62.8	15,250	*	65.0	12,820	*
	150	57.8	16,120	*	60.2	14,840	*	62.4	12,260	*
	160	55.1	15,670	*	57.5	14,510	*	59.6	11,770	*
	170	52.4	15,280	*	54.7	14,140	*	56.8	11,360	*
	180	49.5	14,900	*	51.8	13,510	*	53.8	10,990	*
	190	46.5	14,510	*	48.8	12,980	*	50.7	10,660	*
70' JIB & 200' BOOM	50	81.8	22,190	*						
	60	79.7	21,390	*						
	70	77.5	20,680	*	80.0	18,470	*			
	80	75.3	20,040	*	77.8	17,960	*	80.1	16,410	*
	90	73.1	19,350	*	75.6	17,540	*	77.9	15,930	*
	100	70.9	18,820	*	73.3	17,070	*	75.6	15,560	*
	110	68.6	18,280	*	71.0	16,640	*	73.3	15,010	*
	120	66.3	17,770	*	68.7	16,210	*	70.9	14,300	*
	130	64.0	17,280	*	66.4	15,730	*	68.5	13,570	*
	140	61.6	16,860	*	63.9	15,370	*	66.1	12,970	*
	150	59.1	16,360	*	61.5	14,990	*	63.6	12,450	*
	160	56.6	15,910	*	58.9	14,650	*	61.0	11,960	*
	170	54.0	15,480	*	56.3	14,390	*	58.3	11,560	*
	180	51.3	15,090	*	53.6	13,850	*	55.5	11,170	*
	190	48.5	14,730	*	50.7	13,270	*	52.6	10,810	*
	200	45.5	14,390	*	47.7	12,780	*	49.6	10,510	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
70' JIB & 210' BOOM	51	81.9	22,200 *				
	60	80.0	21,520 *				
	70	78.0	20,750 *	80.3	18,540 *		
	80	75.9	20,130 *	78.2	18,030 *	80.5	16,370 *
	90	73.7	19,530 *	76.1	17,590 *	78.3	15,990 *
	100	71.6	18,950 *	73.9	17,130 *	76.1	15,570 *
	110	69.4	18,360 *	71.8	16,730 *	73.9	15,200 *
	120	67.2	17,900 *	69.5	16,350 *	71.7	14,440 *
	130	65.0	17,400 *	67.3	15,900 *	69.4	13,790 *
	140	62.7	16,970 *	65.0	15,480 *	67.0	13,150 *
	150	60.3	16,590 *	62.6	15,130 *	64.6	12,600 *
	160	57.9	16,060 *	60.2	14,770 *	62.2	12,120 *
	170	55.5	15,630 *	57.7	14,500 *	59.6	11,720 *
	180	52.9	15,240 *	55.1	14,140 *	57.0	11,330 *
	190	50.3	14,880 *	52.5	13,570 *	54.3	10,970 *
	200	47.5	14,610 *	49.7	13,030 *	51.5	10,670 *
	210	44.7	14,290 *	46.8	12,580 *	48.5	10,380 *
70' JIB & 220' BOOM	52	82.0	22,150 *				
	60	80.4	21,560 *				
	70	78.4	20,830 *	80.7	18,510 *		
	80	76.4	20,210 *	78.7	18,070 *	80.8	16,430 *
	90	74.3	19,610 *	76.6	17,620 *	78.7	16,040 *
	100	72.3	19,070 *	74.5	17,180 *	76.6	15,650 *
	110	70.2	18,530 *	72.4	16,820 *	74.5	15,300 *
	120	68.0	18,050 *	70.3	16,410 *	72.4	14,630 *
	130	65.9	17,580 *	68.1	15,980 *	70.2	13,980 *
	140	63.7	17,130 *	65.9	15,570 *	67.9	13,330 *
	150	61.5	16,680 *	63.7	15,210 *	65.6	12,800 *
	160	59.2	16,310 *	61.4	14,900 *	63.3	12,330 *
	170	56.8	15,870 *	59.0	14,570 *	60.9	11,880 *
	180	54.4	15,480 *	56.6	14,320 *	58.4	11,470 *
	190	51.9	15,110 *	54.0	13,860 *	55.9	11,130 *
	200	49.3	14,770 *	51.4	13,300 *	53.2	10,820 *
	210	46.7	14,450 *	48.7	12,840 *	50.4	10,530 *
	220	43.8	14,180 *	45.9	12,400 *	47.5	10,270 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		*	15.0 DEG OFFSET		*	25.0 DEG OFFSET		*
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
70' JIB & 230' BOOM	54	81.9	21,980	*						
	60	80.7	21,580	*						
	70	78.8	20,860	*	81.0	18,580	*			
	80	76.8	20,260	*	79.0	18,070	*	81.1	16,390	*
	90	74.9	19,700	*	77.1	17,630	*	79.1	16,080	*
	100	72.9	19,120	*	75.1	17,240	*	77.1	15,660	*
	110	70.9	18,620	*	73.0	16,840	*	75.1	15,330	*
	120	68.8	18,170	*	71.0	16,470	*	73.0	14,820	*
	130	66.7	17,650	*	68.9	16,090	*	70.9	14,130	*
	140	64.6	17,280	*	66.8	15,730	*	68.7	13,530	*
	150	62.5	16,870	*	64.6	15,330	*	66.5	12,990	*
	160	60.3	16,460	*	62.4	15,010	*	64.3	12,450	*
	170	58.1	16,020	*	60.2	14,720	*	62.0	12,050	*
	180	55.8	15,610	*	57.9	14,410	*	59.7	11,630	*
	190	53.4	15,250	*	55.5	14,150	*	57.3	11,250	*
	200	51.0	14,910	*	53.0	13,620	*	54.7	10,930	*
	210	48.5	14,590	*	50.5	13,110	*	52.1	10,670	*
	220	45.8	14,360	*	47.8	12,660	*	49.4	10,390	*
	230	43.0	13,470	*	45.0	12,290	*	46.5	10,170	*
70' JIB & 240' BOOM	55	81.9	21,960	*						
	60	81.0	21,600	*						
	70	79.1	20,930	*	81.3	18,550	*			
	80	77.3	20,340	*	79.4	18,090	*	81.4	16,380	*
	90	75.4	19,730	*	77.5	17,690	*	79.5	16,090	*
	100	73.4	19,230	*	75.6	17,240	*	77.6	15,700	*
	110	71.5	18,670	*	73.6	16,880	*	75.6	15,320	*
	120	69.5	18,210	*	71.6	16,520	*	73.6	14,960	*
	130	67.5	17,790	*	69.6	16,160	*	71.6	14,260	*
	140	65.5	17,370	*	67.6	15,780	*	69.5	13,690	*
	150	63.5	16,940	*	65.5	15,410	*	67.4	13,130	*
	160	61.4	16,570	*	63.4	15,070	*	65.3	12,620	*
	170	59.2	16,190	*	61.3	14,780	*	63.1	12,200	*
	180	57.0	15,840	*	59.1	14,510	*	60.8	11,760	*
	190	54.8	15,450	*	56.8	14,280	*	58.5	11,420	*
	200	52.5	15,100	*	54.5	13,890	*	56.2	11,090	*
	210	50.1	14,780	*	52.0	13,390	*	53.7	10,790	*
	220	47.6	14,200	*	49.5	12,930	*	51.1	10,500	*
	230	45.0	12,860	*	46.9	12,490	*	48.5	10,280	*
	240	42.3	11,650	*	44.2	11,660	*	45.6	10,110	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
70' JIB & 250' BOOM	57	81.8	21,870 *				
	60	81.3	21,670 *				
	70	79.5	20,990 *	81.6	18,580 *		
	80	77.7	20,440 *	79.7	18,140 *	81.7	16,390 *
	90	75.8	19,820 *	77.9	17,740 *	79.8	16,090 *
	100	74.0	19,280 *	76.0	17,340 *	78.0	15,720 *
	110	72.1	18,840 *	74.1	16,950 *	76.1	15,420 *
	120	70.2	18,340 *	72.2	16,600 *	74.1	15,060 *
	130	68.3	17,870 *	70.3	16,260 *	72.2	14,420 *
	140	66.3	17,490 *	68.4	15,930 *	70.2	13,820 *
	150	64.4	17,090 *	66.4	15,510 *	68.2	13,280 *
	160	62.3	16,710 *	64.3	15,220 *	66.1	12,770 *
	170	60.3	16,340 *	62.3	14,910 *	64.0	12,340 *
	180	58.2	15,990 *	60.2	14,620 *	61.9	11,940 *
	190	56.1	15,600 *	58.0	14,380 *	59.7	11,540 *
	200	53.9	15,240 *	55.8	14,090 *	57.4	11,200 *
	210	51.6	14,910 *	53.5	13,650 *	55.1	10,940 *
	220	49.2	13,590 *	51.1	13,130 *	52.7	10,640 *
	230	46.8	12,240 *	48.7	12,250 *	50.2	10,410 *
	240	44.3	11,020 *	46.1	11,030 *	47.6	10,190 *
	250	41.6	9,910 *	43.4	9,920 *	44.8	9,950 *
70' JIB & 260' BOOM	58	81.9	21,780 *				
	60	81.6	21,650 *				
	70	79.8	21,090 *	81.8	18,610 *		
	80	78.0	20,500 *	80.1	18,120 *	82.0	16,360 *
	90	76.3	19,940 *	78.3	17,720 *	80.2	16,040 *
	100	74.5	19,420 *	76.5	17,340 *	78.3	15,750 *
	110	72.7	18,920 *	74.6	16,970 *	76.5	15,390 *
	120	70.8	18,450 *	72.8	16,650 *	74.6	15,130 *
	130	69.0	18,010 *	70.9	16,270 *	72.8	14,610 *
	140	67.1	17,580 *	69.1	15,970 *	70.8	13,970 *
	150	65.2	17,220 *	67.1	15,650 *	68.9	13,410 *
	160	63.3	16,810 *	65.2	15,280 *	66.9	12,910 *
	170	61.3	16,490 *	63.2	14,990 *	64.9	12,500 *
	180	59.3	16,110 *	61.2	14,700 *	62.9	12,080 *
	190	57.2	15,790 *	59.1	14,440 *	60.8	11,700 *
	200	55.1	15,430 *	57.0	14,230 *	58.6	11,330 *
	210	53.0	14,470 *	54.8	13,900 *	56.4	11,050 *
	220	50.7	12,990 *	52.6	13,000 *	54.1	10,740 *
	230	48.4	11,640 *	50.3	11,650 *	51.8	10,500 *
	240	46.0	10,410 *	47.8	10,420 *	49.3	10,270 *
	250	43.5	9,300 *	45.3	9,310 *	46.7	9,340 *
	260	40.9	8,280 *	42.7	8,290 *	44.0	8,310 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
70' JIB & 270' BOOM	59	82.0	21,770 *				
	60	81.8	21,740 *				
	70	80.1	21,100 *				
	80	78.4	20,490 *	80.4	18,140 *		
	90	76.7	19,940 *	78.6	17,760 *	80.5	16,060 *
	100	74.9	19,480 *	76.9	17,340 *	78.7	15,730 *
	110	73.2	18,960 *	75.1	16,990 *	76.9	15,440 *
	120	71.4	18,510 *	73.3	16,680 *	75.1	15,120 *
	130	69.6	18,100 *	71.5	16,330 *	73.3	14,700 *
	140	67.8	17,700 *	69.7	16,050 *	71.5	14,100 *
	150	66.0	17,300 *	67.9	15,700 *	69.6	13,570 *
	160	64.1	16,890 *	66.0	15,390 *	67.7	13,040 *
	170	62.2	16,590 *	64.1	15,110 *	65.8	12,620 *
	180	60.3	16,280 *	62.1	14,810 *	63.8	12,190 *
	190	58.3	15,950 *	60.2	14,540 *	61.8	11,850 *
	200	56.3	15,520 *	58.1	14,290 *	59.7	11,480 *
	210	54.2	13,870 *	56.0	13,880 *	57.6	11,180 *
	220	52.1	12,380 *	53.9	12,390 *	55.4	10,860 *
	230	49.9	11,030 *	51.7	11,040 *	53.2	10,610 *
	240	47.7	9,800 *	49.4	9,810 *	50.9	9,830 *
	250	45.3	8,680 *	47.0	8,700 *	48.4	8,720 *
	260	42.8	7,660 *	44.6	7,680 *	45.9	7,700 *
	270	40.3	6,730 *	42.0	6,740 *	43.2	6,770 *
70' JIB & 280' BOOM	61	81.9	21,580 *				
	70	80.4	21,070 *				
	80	78.7	20,460 *	80.6	18,080 *		
	90	77.1	19,930 *	79.0	17,710 *	80.7	15,980 *
	100	75.4	19,480 *	77.3	17,390 *	79.0	15,730 *
	110	73.7	18,960 *	75.6	17,040 *	77.3	15,470 *
	120	72.0	18,550 *	73.8	16,690 *	75.6	15,150 *
	130	70.2	18,170 *	72.1	16,360 *	73.8	14,830 *
	140	68.5	17,730 *	70.3	16,040 *	72.0	14,260 *
	150	66.7	17,370 *	68.5	15,790 *	70.2	13,700 *
	160	64.9	16,950 *	66.7	15,440 *	68.4	13,210 *
	170	63.1	16,680 *	64.9	15,140 *	66.5	12,770 *
	180	61.2	16,290 *	63.0	14,890 *	64.6	12,320 *
	190	59.3	16,000 *	61.1	14,600 *	62.7	11,970 *
	200	57.4	15,110 *	59.2	14,360 *	60.7	11,590 *
	210	55.4	13,460 *	57.2	13,470 *	58.7	11,290 *
	220	53.4	11,980 *	55.1	11,990 *	56.6	11,000 *
	230	51.3	10,620 *	53.0	10,630 *	54.5	10,650 *
	240	49.1	9,390 *	50.9	9,400 *	52.3	9,430 *
	250	46.9	8,280 *	48.6	8,290 *	50.0	8,310 *
	260	44.6	7,260 *	46.3	7,270 *	47.6	7,290 *
	270	42.2	6,320 *	43.8	6,330 *	45.1	6,350 *
	280	39.7	5,450 *	41.3	5,460 *	42.5	5,490 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HL Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
80' JIB & 200' BOOM	52	81.9	17,370 *				
	60	80.2	16,800 *				
	70	78.1	16,120 *	80.9	14,110 *		
	80	76.0	15,490 *	78.8	13,650 *	81.3	12,000 *
	90	73.9	14,930 *	76.6	13,130 *	79.2	11,600 *
	100	71.8	14,400 *	74.5	12,640 *	77.0	11,240 *
	110	69.6	13,900 *	72.3	12,240 *	74.8	10,960 *
	120	67.4	13,410 *	70.1	11,830 *	72.5	10,680 *
	130	65.1	12,870 *	67.8	11,420 *	70.2	10,380 *
	140	62.9	12,390 *	65.5	11,120 *	67.9	10,180 *
	150	60.5	11,970 *	63.1	10,810 *	65.5	9,950 *
	160	58.1	11,560 *	60.7	10,520 *	63.0	9,780 *
	170	55.6	11,210 *	58.2	10,300 *	60.5	9,600 *
	180	53.1	10,890 *	55.6	10,060 *	57.8	9,460 *
	190	50.5	10,590 *	53.0	9,870 *	55.1	9,380 *
	200	47.7	10,330 *	50.2	9,700 *	52.3	9,220 *
80' JIB & 210' BOOM	53	82.0	17,330 *				
	60	80.6	16,860 *				
	70	78.6	16,210 *	81.2	14,140 *		
	80	76.5	15,560 *	79.2	13,730 *	81.7	12,010 *
	90	74.5	15,040 *	77.1	13,200 *	79.6	11,600 *
	100	72.4	14,520 *	75.0	12,740 *	77.5	11,260 *
	110	70.3	14,000 *	72.9	12,290 *	75.3	10,960 *
	120	68.2	13,540 *	70.8	11,910 *	73.2	10,700 *
	130	66.1	13,030 *	68.6	11,520 *	71.0	10,460 *
	140	63.9	12,540 *	66.4	11,190 *	68.7	10,190 *
	150	61.6	12,110 *	64.2	10,900 *	66.4	9,990 *
	160	59.3	11,710 *	61.9	10,600 *	64.1	9,820 *
	170	57.0	11,350 *	59.5	10,380 *	61.7	9,660 *
	180	54.6	11,020 *	57.1	10,170 *	59.2	9,530 *
	190	52.1	10,770 *	54.5	9,940 *	56.6	9,400 *
	200	49.5	10,490 *	51.9	9,770 *	54.0	9,300 *
	210	46.8	10,230 *	49.2	9,620 *	51.2	9,090 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
80' JIB & 220' BOOM	55	81.8	17,230 *				
	60	80.9	16,930 *				
	70	78.9	16,270 *	81.5	14,170 *		
	80	77.0	15,660 *	79.5	13,760 *	81.9	11,990 *
	90	75.0	15,130 *	77.6	13,300 *	79.9	11,660 *
	100	73.0	14,630 *	75.6	12,820 *	77.9	11,310 *
	110	71.0	14,130 *	73.5	12,380 *	75.9	10,980 *
	120	69.0	13,700 *	71.5	11,960 *	73.8	10,740 *
	130	66.9	13,170 *	69.4	11,620 *	71.7	10,450 *
	140	64.8	12,730 *	67.3	11,270 *	69.5	10,220 *
	150	62.7	12,270 *	65.1	10,970 *	67.3	10,010 *
	160	60.5	11,860 *	62.9	10,710 *	65.1	9,830 *
	170	58.2	11,540 *	60.7	10,470 *	62.8	9,670 *
	180	55.9	11,210 *	58.3	10,210 *	60.4	9,520 *
	190	53.6	10,900 *	56.0	10,020 *	58.0	9,390 *
	200	51.1	10,620 *	53.5	9,840 *	55.5	9,310 *
	210	48.6	10,350 *	50.9	9,680 *	52.9	9,200 *
	220	46.0	10,130 *	48.3	9,530 *	50.1	8,970 *
80' JIB & 230' BOOM	56	81.9	17,220 *				
	60	81.2	16,970 *				
	70	79.3	16,340 *	81.8	14,170 *		
	80	77.4	15,710 *	79.9	13,710 *		
	90	75.5	15,190 *	78.0	13,340 *	80.3	11,660 *
	100	73.6	14,660 *	76.0	12,870 *	78.3	11,350 *
	110	71.7	14,200 *	74.1	12,460 *	76.3	11,010 *
	120	69.7	13,780 *	72.1	12,070 *	74.3	10,760 *
	130	67.7	13,320 *	70.1	11,690 *	72.3	10,500 *
	140	65.7	12,840 *	68.1	11,380 *	70.2	10,290 *
	150	63.6	12,440 *	66.0	11,070 *	68.1	10,060 *
	160	61.5	12,020 *	63.9	10,790 *	66.0	9,870 *
	170	59.4	11,640 *	61.7	10,530 *	63.8	9,700 *
	180	57.2	11,300 *	59.5	10,320 *	61.6	9,540 *
	190	55.0	11,040 *	57.3	10,070 *	59.3	9,440 *
	200	52.6	10,750 *	54.9	9,900 *	56.9	9,310 *
	210	50.2	10,480 *	52.5	9,730 *	54.4	9,240 *
	220	47.8	10,280 *	50.0	9,580 *	51.8	9,090 *
	230	45.2	10,040 *	47.4	9,460 *	49.2	8,870 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET			15.0 DEG OFFSET			25.0 DEG OFFSET		
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
80' JIB & 240' BOOM	57	82.0	17,150	*						
	60	81.4	16,980	*						
	70	79.6	16,330	*						
	80	77.8	15,790	*	80.2	13,770	*			
	90	76.0	15,260	*	78.4	13,380	*	80.6	11,690	*
	100	74.1	14,740	*	76.5	12,960	*	78.7	11,330	*
	110	72.2	14,320	*	74.6	12,540	*	76.8	11,060	*
	120	70.4	13,890	*	72.7	12,120	*	74.9	10,770	*
	130	68.4	13,440	*	70.8	11,760	*	72.9	10,540	*
	140	66.5	13,000	*	68.8	11,430	*	70.9	10,290	*
	150	64.5	12,560	*	66.8	11,120	*	68.9	10,100	*
	160	62.5	12,180	*	64.8	10,830	*	66.9	9,890	*
	170	60.5	11,780	*	62.7	10,580	*	64.8	9,750	*
	180	58.4	11,440	*	60.6	10,350	*	62.6	9,560	*
	190	56.2	11,160	*	58.4	10,150	*	60.4	9,460	*
	200	54.0	10,870	*	56.2	9,960	*	58.1	9,330	*
	210	51.7	10,590	*	53.9	9,810	*	55.8	9,250	*
	220	49.4	10,390	*	51.6	9,650	*	53.4	9,150	*
	230	47.0	10,150	*	49.1	9,500	*	50.9	8,950	*
	240	44.4	9,970	*	46.5	9,410	*	48.2	8,780	*
80' JIB & 250' BOOM	59	81.9	17,070	*						
	60	81.7	16,990	*						
	70	80.0	16,400	*						
	80	78.2	15,830	*	80.5	13,740	*			
	90	76.4	15,310	*	78.7	13,420	*	80.9	11,660	*
	100	74.6	14,820	*	76.9	12,990	*	79.1	11,350	*
	110	72.8	14,390	*	75.1	12,590	*	77.2	11,040	*
	120	71.0	13,930	*	73.2	12,160	*	75.4	10,810	*
	130	69.1	13,570	*	71.4	11,800	*	73.5	10,560	*
	140	67.2	13,160	*	69.5	11,520	*	71.6	10,320	*
	150	65.3	12,700	*	67.6	11,220	*	69.6	10,110	*
	160	63.4	12,300	*	65.6	10,920	*	67.6	9,930	*
	170	61.4	11,950	*	63.6	10,650	*	65.6	9,750	*
	180	59.4	11,580	*	61.6	10,410	*	63.6	9,620	*
	190	57.4	11,250	*	59.6	10,200	*	61.5	9,460	*
	200	55.3	11,000	*	57.4	10,000	*	59.3	9,370	*
	210	53.1	10,720	*	55.2	9,870	*	57.1	9,240	*
	220	50.9	10,460	*	53.0	9,710	*	54.8	9,160	*
	230	48.6	10,260	*	50.7	9,560	*	52.4	9,060	*
	240	46.2	10,080	*	48.3	9,460	*	49.9	8,870	*
	250	43.7	9,910	*	45.7	9,330	*	47.4	8,700	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
80' JIB & 260' BOOM	60	82.0	17,020 *				
	70	80.3	16,460 *				
	80	78.5	15,930 *	80.8	13,760 *		
	90	76.8	15,400 *	79.1	13,390 *	81.2	11,680 *
	100	75.1	14,870 *	77.3	13,010 *	79.4	11,360 *
	110	73.3	14,450 *	75.5	12,620 *	77.6	11,060 *
	120	71.6	14,030 *	73.8	12,270 *	75.8	10,830 *
	130	69.8	13,650 *	72.0	11,880 *	74.0	10,560 *
	140	68.0	13,280 *	70.1	11,570 *	72.1	10,340 *
	150	66.1	12,860 *	68.3	11,250 *	70.3	10,160 *
	160	64.3	12,440 *	66.4	10,980 *	68.4	9,970 *
	170	62.4	12,070 *	64.5	10,740 *	66.4	9,800 *
	180	60.4	11,690 *	62.6	10,490 *	64.5	9,610 *
	190	58.5	11,380 *	60.6	10,270 *	62.4	9,480 *
	200	56.4	11,120 *	58.5	10,070 *	60.4	9,380 *
	210	54.4	10,830 *	56.5	9,930 *	58.3	9,280 *
	220	52.3	10,610 *	54.3	9,760 *	56.1	9,150 *
	230	50.1	10,360 *	52.1	9,600 *	53.8	9,080 *
	240	47.8	10,170 *	49.8	9,500 *	51.5	8,930 *
	250	45.4	9,580 *	47.4	9,360 *	49.1	8,750 *
	260	43.0	8,550 *	45.0	8,570 *	46.5	8,590 *
80' JIB & 270' BOOM	62	81.9	16,920 *				
	70	80.5	16,450 *				
	80	78.9	15,920 *	81.1	13,800 *		
	90	77.2	15,400 *	79.4	13,400 *	81.4	11,690 *
	100	75.5	14,960 *	77.7	13,080 *	79.7	11,390 *
	110	73.8	14,520 *	76.0	12,690 *	78.0	11,110 *
	120	72.1	14,130 *	74.3	12,300 *	76.2	10,840 *
	130	70.4	13,700 *	72.5	11,960 *	74.5	10,590 *
	140	68.6	13,350 *	70.7	11,620 *	72.7	10,390 *
	150	66.8	12,970 *	69.0	11,330 *	70.9	10,180 *
	160	65.0	12,530 *	67.1	11,040 *	69.1	9,970 *
	170	63.2	12,170 *	65.3	10,790 *	67.2	9,790 *
	180	61.4	11,830 *	63.4	10,580 *	65.3	9,630 *
	190	59.5	11,520 *	61.5	10,320 *	63.4	9,500 *
	200	57.5	11,190 *	59.6	10,160 *	61.4	9,380 *
	210	55.5	10,940 *	57.6	9,960 *	59.4	9,270 *
	220	53.5	10,710 *	55.5	9,790 *	57.3	9,180 *
	230	51.4	10,450 *	53.4	9,670 *	55.1	9,100 *
	240	49.3	10,080 *	51.3	9,500 *	52.9	9,020 *
	250	47.1	8,970 *	49.0	8,980 *	50.6	8,840 *
	260	44.7	7,950 *	46.7	7,960 *	48.2	7,980 *
	270	42.3	7,010 *	44.2	7,020 *	45.7	7,050 *

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		15.0 DEG OFFSET		25.0 DEG OFFSET	
		BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)	BOOM ANGLE	RATING (POUNDS)
80' JIB & 280' BOOM	63	81.9	16,860 *				
	70	80.8	16,450 *				
	80	79.2	15,970 *	81.3	13,780 *		
	90	77.6	15,440 *	79.7	13,430 *	81.7	11,690 *
	100	75.9	15,000 *	78.0	13,060 *	80.0	11,370 *
	110	74.3	14,570 *	76.4	12,710 *	78.3	11,080 *
	120	72.6	14,130 *	74.7	12,350 *	76.7	10,840 *
	130	70.9	13,790 *	73.0	12,030 *	74.9	10,600 *
	140	69.2	13,380 *	71.3	11,660 *	73.2	10,390 *
	150	67.5	13,060 *	69.6	11,410 *	71.5	10,170 *
	160	65.8	12,660 *	67.8	11,080 *	69.7	9,990 *
	170	64.0	12,320 *	66.1	10,870 *	67.9	9,840 *
	180	62.2	11,960 *	64.3	10,640 *	66.1	9,650 *
	190	60.4	11,640 *	62.4	10,390 *	64.2	9,510 *
	200	58.5	11,300 *	60.5	10,180 *	62.3	9,380 *
	210	56.6	11,040 *	58.6	10,030 *	60.4	9,270 *
	220	54.7	10,800 *	56.7	9,840 *	58.4	9,190 *
	230	52.7	10,580 *	54.7	9,710 *	56.3	9,110 *
	240	50.7	9,680 *	52.6	9,570 *	54.2	9,030 *
	250	48.5	8,550 *	50.5	8,570 *	52.0	8,590 *
	260	46.4	7,530 *	48.2	7,540 *	49.8	7,570 *
	270	44.1	6,590 *	45.9	6,600 *	47.4	6,630 *
	280	41.7	5,730 *	43.5	5,740 *	45.0	5,770 *

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 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET			15.0 DEG OFFSET			25.0 DEG OFFSET		
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
90' JIB & 230' BOOM	58	82.0	13,740	*						
	60	81.6	13,610	*						
	70	79.8	13,100	*						
	80	78.0	12,550	*	80.7	10,340	*			
	90	76.1	11,970	*	78.8	9,930	*	81.4	8,530	*
	100	74.3	11,380	*	76.9	9,550	*	79.5	8,250	*
	110	72.4	10,830	*	75.1	9,180	*	77.6	7,980	*
	120	70.5	10,360	*	73.2	8,860	*	75.6	7,760	*
	130	68.6	9,930	*	71.2	8,550	*	73.7	7,570	*
	140	66.6	9,560	*	69.3	8,280	*	71.7	7,350	*
	150	64.7	9,200	*	67.3	8,020	*	69.6	7,200	*
	160	62.7	8,840	*	65.2	7,820	*	67.6	7,030	*
	170	60.6	8,550	*	63.2	7,610	*	65.5	6,890	*
	180	58.5	8,260	*	61.1	7,380	*	63.3	6,750	*
	190	56.4	8,030	*	58.9	7,210	*	61.1	6,670	*
	200	54.2	7,790	*	56.7	7,060	*	58.9	6,560	*
	210	51.9	7,600	*	54.4	6,950	*	56.5	6,490	*
	220	49.5	7,390	*	52.0	6,820	*	54.1	6,400	*
	230	47.1	7,230	*	49.5	6,700	*	51.6	6,350	*
90' JIB & 240' BOOM	60	81.9	13,650	*						
	70	80.1	13,130	*						
	80	78.3	12,570	*	81.0	10,400	*			
	90	76.6	12,040	*	79.2	9,940	*	81.6	8,500	*
	100	74.8	11,480	*	77.4	9,580	*	79.8	8,220	*
	110	73.0	10,950	*	75.5	9,240	*	78.0	8,010	*
	120	71.1	10,490	*	73.7	8,890	*	76.1	7,770	*
	130	69.3	10,040	*	71.8	8,590	*	74.2	7,580	*
	140	67.4	9,650	*	69.9	8,310	*	72.3	7,380	*
	150	65.5	9,270	*	68.0	8,070	*	70.3	7,220	*
	160	63.6	8,940	*	66.1	7,860	*	68.4	7,040	*
	170	61.6	8,650	*	64.1	7,640	*	66.3	6,920	*
	180	59.6	8,390	*	62.1	7,440	*	64.3	6,780	*
	190	57.5	8,110	*	60.0	7,260	*	62.2	6,650	*
	200	55.4	7,890	*	57.9	7,100	*	60.0	6,570	*
	210	53.3	7,660	*	55.7	6,990	*	57.8	6,460	*
	220	51.0	7,480	*	53.4	6,850	*	55.5	6,400	*
	230	48.7	7,310	*	51.1	6,730	*	53.1	6,340	*
	240	46.3	7,160	*	48.7	6,640	*	50.6	6,320	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		*	15.0 DEG OFFSET		*	25.0 DEG OFFSET		*
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
90' JIB & 250' BOOM	61	81.9	13,640	*						
	70	80.4	13,140	*						
	80	78.7	12,620	*	81.2	10,410	*			
	90	77.0	12,110	*	79.5	9,990	*	81.9	8,520	*
	100	75.2	11,540	*	77.7	9,600	*	80.1	8,230	*
	110	73.5	11,040	*	76.0	9,280	*	78.3	7,990	*
	120	71.7	10,590	*	74.2	8,930	*	76.5	7,760	*
	130	69.9	10,160	*	72.4	8,620	*	74.7	7,580	*
	140	68.1	9,760	*	70.6	8,360	*	72.8	7,370	*
	150	66.3	9,360	*	68.7	8,130	*	71.0	7,230	*
	160	64.4	9,060	*	66.8	7,910	*	69.1	7,070	*
	170	62.5	8,750	*	64.9	7,680	*	67.1	6,900	*
	180	60.6	8,480	*	63.0	7,510	*	65.1	6,780	*
	190	58.6	8,190	*	61.0	7,320	*	63.1	6,670	*
	200	56.6	7,970	*	59.0	7,150	*	61.1	6,580	*
	210	54.5	7,770	*	56.9	6,990	*	58.9	6,470	*
	220	52.4	7,540	*	54.7	6,890	*	56.7	6,400	*
	230	50.2	7,370	*	52.5	6,760	*	54.5	6,340	*
	240	47.9	7,210	*	50.2	6,670	*	52.2	6,310	*
	250	45.6	7,070	*	47.9	6,590	*	49.7	6,260	*
90' JIB & 260' BOOM	62	82.0	13,580	*						
	70	80.7	13,200	*						
	80	79.0	12,680	*	81.5	10,410	*			
	90	77.3	12,190	*	79.8	10,000	*			
	100	75.7	11,650	*	78.1	9,620	*	80.4	8,230	*
	110	74.0	11,150	*	76.4	9,290	*	78.7	8,000	*
	120	72.2	10,660	*	74.7	8,960	*	76.9	7,780	*
	130	70.5	10,220	*	72.9	8,670	*	75.2	7,580	*
	140	68.8	9,840	*	71.2	8,390	*	73.4	7,370	*
	150	67.0	9,470	*	69.4	8,170	*	71.6	7,210	*
	160	65.2	9,150	*	67.6	7,940	*	69.7	7,080	*
	170	63.4	8,830	*	65.7	7,730	*	67.9	6,930	*
	180	61.5	8,540	*	63.8	7,550	*	66.0	6,800	*
	190	59.6	8,290	*	61.9	7,350	*	64.0	6,670	*
	200	57.7	8,050	*	60.0	7,210	*	62.0	6,570	*
	210	55.7	7,840	*	58.0	7,050	*	60.0	6,490	*
	220	53.7	7,620	*	55.9	6,900	*	57.9	6,410	*
	230	51.6	7,440	*	53.8	6,790	*	55.8	6,340	*
	240	49.4	7,280	*	51.7	6,700	*	53.6	6,280	*
	250	47.2	7,120	*	49.4	6,590	*	51.3	6,260	*
	260	44.9	6,980	*	47.1	6,510	*	48.9	6,210	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET		*	15.0 DEG OFFSET		*	25.0 DEG OFFSET		*
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
90' JIB & 270' BOOM	64	81.9	13,510	*						
	70	80.9	13,200	*						
	80	79.3	12,690	*	81.7	10,430	*			
	90	77.7	12,250	*	80.1	10,010	*			
	100	76.1	11,730	*	78.4	9,650	*	80.7	8,230	*
	110	74.4	11,240	*	76.8	9,330	*	79.0	7,990	*
	120	72.8	10,760	*	75.1	9,000	*	77.3	7,800	*
	130	71.1	10,340	*	73.4	8,730	*	75.6	7,600	*
	140	69.4	9,920	*	71.7	8,440	*	73.9	7,380	*
	150	67.7	9,590	*	70.0	8,190	*	72.1	7,220	*
	160	65.9	9,250	*	68.2	7,980	*	70.3	7,070	*
	170	64.2	8,920	*	66.5	7,760	*	68.5	6,940	*
	180	62.4	8,660	*	64.7	7,570	*	66.7	6,800	*
	190	60.5	8,390	*	62.8	7,390	*	64.8	6,680	*
	200	58.7	8,150	*	60.9	7,230	*	62.9	6,570	*
	210	56.8	7,930	*	59.0	7,060	*	61.0	6,480	*
	220	54.8	7,720	*	57.1	6,940	*	59.0	6,390	*
	230	52.8	7,500	*	55.1	6,830	*	57.0	6,320	*
	240	50.8	7,330	*	53.0	6,700	*	54.8	6,280	*
	250	48.7	7,170	*	50.8	6,610	*	52.7	6,220	*
	260	46.5	7,060	*	48.6	6,530	*	50.4	6,200	*
	270	44.2	6,920	*	46.3	6,460	*	48.0	6,180	*
90' JIB & 280' BOOM	65	82.0	13,460	*						
	70	81.2	13,180	*						
	80	79.6	12,730	*	81.9	10,470	*			
	90	78.0	12,290	*	80.4	10,070	*			
	100	76.4	11,830	*	78.8	9,700	*	81.0	8,220	*
	110	74.8	11,310	*	77.2	9,340	*	79.3	7,990	*
	120	73.2	10,850	*	75.5	9,030	*	77.7	7,780	*
	130	71.6	10,400	*	73.9	8,740	*	76.0	7,580	*
	140	70.0	10,000	*	72.2	8,470	*	74.3	7,390	*
	150	68.3	9,650	*	70.6	8,230	*	72.6	7,240	*
	160	66.6	9,300	*	68.9	8,010	*	70.9	7,070	*
	170	64.9	9,000	*	67.2	7,810	*	69.2	6,940	*
	180	63.2	8,740	*	65.4	7,610	*	67.4	6,820	*
	190	61.4	8,460	*	63.6	7,410	*	65.6	6,680	*
	200	59.6	8,200	*	61.8	7,250	*	63.8	6,560	*
	210	57.8	7,980	*	60.0	7,110	*	61.9	6,490	*
	220	55.9	7,770	*	58.1	6,980	*	60.0	6,400	*
	230	54.0	7,570	*	56.2	6,860	*	58.0	6,320	*
	240	52.1	7,400	*	54.2	6,730	*	56.0	6,270	*
	250	50.0	7,270	*	52.2	6,630	*	54.0	6,200	*
	260	48.0	7,120	*	50.1	6,560	*	51.8	6,180	*
	270	45.8	6,840	*	47.9	6,480	*	49.6	6,140	*
	280	43.6	5,970	*	45.6	5,980	*	47.3	6,010	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET			15.0 DEG OFFSET			25.0 DEG OFFSET		
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
100' JIB & 250' BOOM	63	82.0	10,260	*						
	70	80.8	9,840	*						
	80	79.2	9,300	*	81.9	7,350	*			
	90	77.5	8,760	*	80.2	7,000	*			
	100	75.8	8,290	*	78.5	6,720	*	81.1	5,600	*
	110	74.1	7,890	*	76.8	6,450	*	79.4	5,410	*
	120	72.4	7,510	*	75.1	6,170	*	77.6	5,230	*
	130	70.7	7,160	*	73.3	5,950	*	75.9	5,060	*
	140	68.9	6,860	*	71.6	5,720	*	74.1	4,920	*
	150	67.1	6,570	*	69.8	5,510	*	72.2	4,800	*
	160	65.3	6,280	*	68.0	5,330	*	70.4	4,670	*
	170	63.5	6,030	*	66.1	5,170	*	68.5	4,560	*
	180	61.6	5,830	*	64.3	5,010	*	66.6	4,440	*
	190	59.7	5,600	*	62.3	4,890	*	64.7	4,350	*
	200	57.8	5,420	*	60.4	4,750	*	62.7	4,280	*
	210	55.8	5,250	*	58.4	4,650	*	60.7	4,210	*
	220	53.8	5,100	*	56.4	4,540	*	58.6	4,150	*
	230	51.7	4,960	*	54.2	4,460	*	56.4	4,100	*
	240	49.6	4,830	*	52.1	4,380	*	54.2	4,060	*
	250	47.3	4,710	*	49.8	4,320	*	51.9	4,040	*
100' JIB & 260' BOOM	65	81.9	10,200	*						
	70	81.1	9,870	*						
	80	79.5	9,330	*						
	90	77.8	8,840	*	80.5	7,010	*			
	100	76.2	8,380	*	78.9	6,720	*	81.4	5,580	*
	110	74.6	7,960	*	77.2	6,430	*	79.7	5,390	*
	120	72.9	7,550	*	75.5	6,190	*	78.0	5,220	*
	130	71.2	7,220	*	73.8	5,950	*	76.3	5,060	*
	140	69.5	6,910	*	72.1	5,750	*	74.5	4,920	*
	150	67.8	6,600	*	70.4	5,560	*	72.8	4,790	*
	160	66.1	6,340	*	68.6	5,360	*	71.0	4,650	*
	170	64.3	6,110	*	66.9	5,190	*	69.2	4,550	*
	180	62.5	5,870	*	65.1	5,040	*	67.4	4,450	*
	190	60.7	5,660	*	63.2	4,910	*	65.5	4,360	*
	200	58.8	5,470	*	61.3	4,790	*	63.6	4,270	*
	210	56.9	5,320	*	59.4	4,660	*	61.6	4,200	*
	220	55.0	5,160	*	57.5	4,560	*	59.6	4,140	*
	230	53.0	5,020	*	55.4	4,480	*	57.6	4,080	*
	240	50.9	4,880	*	53.4	4,380	*	55.5	4,030	*
	250	48.8	4,760	*	51.2	4,310	*	53.3	4,010	*
	260	46.6	4,650	*	49.0	4,240	*	51.0	3,990	*

**TEREX®**

Model HC285 Crawler Crane - Ratings In Pounds
 92HI Offset Tip Boom (CDAC)
 #16HL Jib
 207,000 Pound Upper Counterweight
 56,000 Pound Carbody Counterweight

CDAC

BOOM AND JIB LENGTH	JIB RADIUS (FEET)	5.0 DEG OFFSET			15.0 DEG OFFSET			25.0 DEG OFFSET		
		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)		BOOM ANGLE	RATING (POUNDS)	
100' JIB & 270' BOOM	66	81.9	10,170	*						
	70	81.3	9,950	*						
	80	79.7	9,360	*						
	90	78.2	8,860	*	80.8	7,040	*			
	100	76.6	8,410	*	79.2	6,720	*	81.6	5,580	*
	110	75.0	8,020	*	77.6	6,450	*	80.0	5,390	*
	120	73.4	7,640	*	75.9	6,210	*	78.3	5,200	*
	130	71.7	7,290	*	74.3	5,980	*	76.7	5,060	*
	140	70.1	6,960	*	72.6	5,770	*	75.0	4,920	*
	150	68.4	6,680	*	71.0	5,560	*	73.3	4,770	*
	160	66.7	6,400	*	69.3	5,380	*	71.6	4,650	*
	170	65.0	6,160	*	67.5	5,230	*	69.8	4,540	*
	180	63.3	5,940	*	65.8	5,070	*	68.1	4,430	*
	190	61.5	5,720	*	64.0	4,930	*	66.3	4,350	*
	200	59.8	5,550	*	62.2	4,800	*	64.4	4,260	*
	210	57.9	5,360	*	60.4	4,680	*	62.5	4,180	*
	220	56.1	5,200	*	58.5	4,580	*	60.6	4,110	*
	230	54.2	5,050	*	56.6	4,470	*	58.7	4,070	*
	240	52.2	4,910	*	54.6	4,380	*	56.6	4,020	*
	250	50.2	4,790	*	52.5	4,310	*	54.6	3,990	*
	260	48.1	4,700	*	50.4	4,240	*	52.4	3,970	*
	270	45.9	4,590	*	48.3	4,210	*	50.2	3,950	*



TEREX®

Model HC285 Crawler Crane - Ratings In Pounds
92HI Offset Tip Boom (CDAC)
#16HL Jib
207,000 Pound Upper Counterweight
56,000 Pound Carbody Counterweight

CDAC



WARNING

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE TEREX PARTS as such modifications or alterations may affect its capacity or safe operation. See Terex Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499HC of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

" RADIUS IN FEET " is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499HC of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 feet can be operated at full rated capacity only in wind speeds of 15 mph or less. If lifts are to be performed in winds between 15 mph and 25 mph ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 25 MPH. The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.



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BOOM HOIST LINE is 22 parts of 26 mm diameter BRIDON ENDURANCE DYFORM 6, 6x31, WS, RRL, IWRC, EIPS wire rope with a minimum breaking strength of 125,670 pounds.

BOOM PENDANT SUSPENSION is 2 part pendant bar suspension (*See HC285 Part's Manual*).

JIB BACKSTAY LINE is 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

WHIPLINE is 28 mm diameter ENDURANCE DYFORM 6, 6x31, WS, RRL IWRC, EIPS wire rope with a minimum breaking strength of 143,000 pounds.

ALTERNATE WHIP LINE (ROTATION RESISTANT) is 28 mm diameter BRIDON ENDURANCE DYFORM 34LR Grade 2160 wire rope with a minimum breaking strength of 170,400 pounds.

ERECTION

Erection "OVER-THE-END BLOCKED" is with the boom over the idler end with idler tumblers blocked (*See HC285 Operator's Manual* for blocking instructions). Erection "OVER-THE-SIDE" is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

92HI OFFSET TIP BOOM MAXIMUM BOOM & JIB SELF-ERECTION DATA				
JIB	OVER-THE-SIDE		OVER-THE-END BLOCKED	
	BOOM LENGTH (FEET)	JIB LENGTH (FEET)	BOOM LENGTH (FEET)	JIB LENGTH (FEET)
16HL	280	0	300	0
	270	0	290	0
	260	90	280	90
	250	100	270	100

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LOAD HOISTING INFORMATION - 28mm diameter DYFORM 6 wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
32,000	1	1,310	1,310

LOAD HOISTING INFORMATION (ROTATION RESISTANT LOAD LINE) 28mm diameter BRIDON ENDURANCE DYFORM 34LR Grade 2160 wire rope			
MAXIMUM LIFTING CAPACITY - LBS	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		FRONT DRUM	REAR DRUM
32,000	1	1,310	1,310

BOOM COMPOSITION CHART - 92HI OFFSET TIP						
BOOM LENGTH (FEET)	BOOM SECTIONS					
	25' 92HI INNER	15' 92HT CENTER	20' 92HT CENTER	10' 92ST CENTER	50' 92ST CENTER	40' 92H OUTER
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1



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16HL JIB COMPOSITION CHART								
JIB LENGTH (FEET)	20' 16HL INNER	10' 16HL CENTER	20' 16HL CENTER	20' 16HL OUTER	EFF. JIB WEIGHT (POUNDS)	JIB OFFSET "A" IN FEET		
						5°	15°	25°
40	1	0	0	1	1,500	4' 10"	10' 2"	15' 1"
50	1	1	0	1	2,050	5' 8"	12' 1"	18' 3"
60	1	0	1	1	2,600	6' 6"	13' 10"	21' 2"
70	1	1	1	1	3,150	7' 1"	15' 10"	24' 4"
80	1	0	2	1	3,700	7' 9"	17' 8"	27' 4"
90	1	1	2	1	4,350	8' 4"	19' 7"	30' 7"
100	1	0	3	1	4,950	9' 0"	21' 4"	33' 6"

