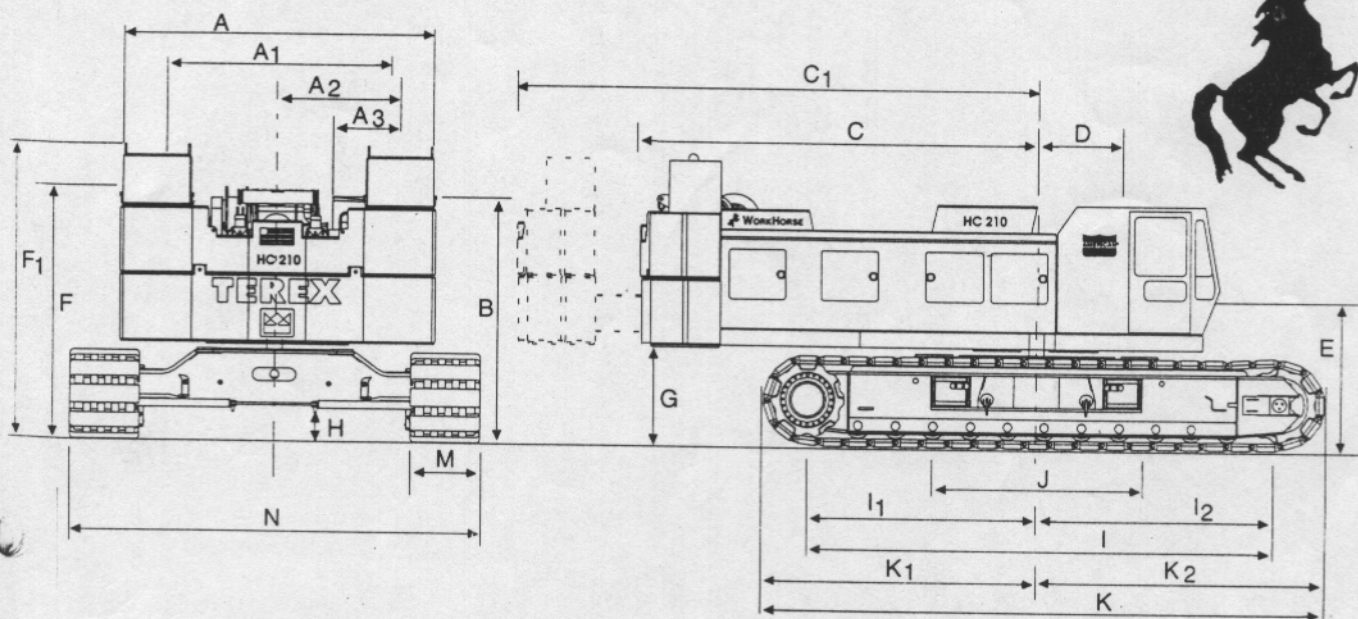




American Model HC 210



- 210 US Ton Lift Capacity
- 280 ft. 77" LH Main Boom
- 350 ft. of Boom and Jib Combination (250 ft. + 100 ft.)
- 40,000 lbs. Rated Single Line Pull
- 440 FPM Line Speed
- 315 HP Standard
- 440 HP Optional
- Simple to Operate and Maintain Hydraulic Over Hydraulic Controls
- Workhorse Counterweight
- Ends for Added Lift Capacity
- Power Up / Power Down and Freefall on Main and Auxiliary Hoist drums, Standard
- Luffing Jib Attachment Available
- Luffing Jib Boom Lengths of 200 ft., 77" LH Main Boom + 160 ft. 47H Jib + 30 ft. 7HL Fixed Jib
- Able to Transport HC210 with Full Luffing Boom and Jib on 8 Trucks
- Fastest Set Up and Disassembly Time of any Luffing Jib in its Size Class
- Able to Transport 280 ft. of 77" LH Boom with Offset Tip on 7 Trucks



	FT	MM
Width of counterweight	16'-0"	4,267
Width of machinery cab	11'-5"	3,480
Centerline of machine to outside of operator's cab	6'-0"	1,829
Width of operator's cab	3'-4"	1,016
Height over operator's cab	12'-0"	3,658
Tail swing w/WORKHORSE retracted	19'-8"	5,867
Tail swing w/WORKHORSE extended	22'-8"	6,908
Center rotation to boom feet	3'-6"	1,066
Ground to center of boom foot	6'-8"	2,032
Height over boom hoist	12'-7 9/16"	3,850
Ground to top lifting	13'-4 1/4"	4,070
Ground to bottom of counterweight	4'-8 3/4"	1,391
Minimum ground clearance	1'-7 1/2"	495

	FT	MM
I Center to center of crawler tumblers	24'-2 15/16"	7,389
I ₁ Center of drive tumbler to center of rotation	11'-9 1/4"	3,588
I ₂ Center of idler tumbler to center of rotation	12'-5 5/8"	3,800
J Width of carbody (including vertical licks)	10'-10"	3,300
K Overall length of crawlers	28'-2"	8,585
K ₁ Over drive tumbler to center of rotation	13'-7 7/8"	4,162
Over idler tumbler to center of rotation	14'-4 5/16"	4,377
M Width of tread shoe (standard)	44"	1,118
(optional)	50"	1,270
N Overall width of crawlers		
44" (1,118 mm) shoes extended	22'-4"	6,807
50" (1,270 mm) shoes extended	22'-10"	6,960
N ₁ Length of crawler axles	19'-4 3/4"	5,963

Simple, Available and Cost Effective™

Model HC210 Crawler Crane - Ratings In Pounds
 77SH Hammerhead Tip With 29' Floating Mast
 89,000 Pound Counterweight
 48,000 Pound Side Frame Counterweight

WORKHORSE - COUNTERWEIGHT FULLY EXTENDED

BOOM & MAST LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
120' (36.6M) BOOM & 29' (8.8M) MAST	70	57.8	51,110	108
	80	51.9	42,440	101
	90	45.5	36,110	91
	100	38.3	31,020	80
	110	29.5	26,920	64
	120	16.9	23,540	40
130' (39.6M) BOOM & 29' (8.8M) MAST	20	83.8	214,290 *	137
	25	81.6	197,540 *	136
	30	79.4	164,830 *	135
	35	77.2	134,190	134
	40	74.9	110,400	133
	50	70.3	80,720	129
	60	65.5	62,890	125
	70	60.6	50,770	120
	80	55.3	42,080	113
	90	49.7	35,780	105
	100	43.6	30,680	95
	110	36.7	26,580	83
	120	28.3	23,220	67
	130	16.2	20,380	41
140' (42.7M) BOOM & 29' (8.8M) MAST	21	83.8	200,870 *	147
	25	82.2	188,670 *	146
	30	80.2	163,230 *	145
	35	78.1	133,940	144
	40	76.0	110,420	143
	50	71.7	80,410	140
	60	67.4	62,590	136
	70	62.8	50,450	131
	80	58.1	41,770	125
	90	53.2	35,480	118
	100	47.8	30,380	110
	110	41.9	26,290	99
	120	35.3	22,930	86
	130	27.2	20,120	69
140	15.5	17,720	42	
150' (45.7M) BOOM & 29' (8.8M) MAST	22	83.9	158,390 *	157
	25	82.7	153,980 *	156
	30	80.8	145,890 *	155
	35	78.9	133,670	155
	40	76.9	110,170	153
	50	73.0	80,160	150
	60	68.9	62,350	147
	70	64.8	50,220	142

The ratings in this chart are for planning purposes only. Only those ratings specifically assigned to a crane and mounted in the Operator's Cab or in the Operator's Manual should be used for actual operation.

Model HC210 Crane - Ratings In Pounds
 77SH Hammerhead Tip With 29' Floating Mast
 89,000 Pound Counterweight
 48,000 Pound Side Frame Counterweight

WORKHORSE - COUNTERWEIGHT FULLY EXTENDED

BOOM & MAST LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
180' (54.9M) BOOM & 29' (8.8M) MAST	25	83.9	130,270 *	187
	30	82.3	124,030 *	186
	35	80.7	117,540 *	185
	40	79.1	109,470	184
	50	75.9	79,270	182
	60	72.6	61,430	179
	70	69.2	49,210	175
	80	65.8	40,470	171
	90	62.2	34,260	166
	100	58.5	29,130	160
	110	54.7	25,030	153
	120	50.7	21,660	145
	130	46.4	18,860	136
	140	41.8	16,470	126
	150	36.7	14,440	113
	160	30.9	12,670	98
	170	23.9	11,120	78
180	13.6	8,080 *	47	
190' (57.9M) BOOM & 29' (8.8M) MAST	26	84.0	122,440 *	196
	30	82.8	117,610 *	196
	35	81.2	111,790 *	195
	40	79.7	105,040 *	194
	50	76.6	78,930	192
	60	73.5	61,090	189
	70	70.3	48,860	186
	80	67.1	40,110	182
	90	63.8	33,920	177
	100	60.4	28,790	172
	110	56.8	24,680	165
	120	53.1	21,310	158
	130	49.2	18,500	150
	140	45.1	16,120	140
	150	40.6	14,090	129
	160	35.7	12,320	116
	170	30.1	10,760	100
180	23.2	9,400	80	
190	13.2	6,160 *	48	
200' (61.0M) BOOM & 29' (8.8M) MAST	27	84.0	97,360 *	206
	30	83.1	97,020 *	206
	35	81.7	95,920 *	205
	40	80.2	93,050 *	204
	50	77.3	78,590	202
	60	74.4	60,780	200
	70	71.4	48,550	197
	80	68.3	39,800	193

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Model HC210 Crane - Ratings In Pounds
 77SH Hammerhead Tip With 29' Floating Mast
 89,000 Pound Counterweight
 48,000 Pound Side Frame Counterweight

WORKHORSE - COUNTERWEIGHT FULLY EXTENDED

BOOM & MAST LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	360 DEGREE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
220' (67.1M) BOOM & 29' (8.8M) MAST	140	52.5	15,100	181
	150	49.1	13,050	172
	160	45.5	11,280	163
	170	41.7	9,730	152
	180	37.6	8,070 *	140
	190	33.1	6,010 *	125
	200	27.9	4,440 *	108
	210	21.5	2,840 *	86
	220	12.2	1,260 *	51
230' (70.1M) BOOM & 29' (8.8M) MAST	31	83.8	75,660 *	236
	35	82.8	74,990 *	236
	40	81.5	74,070 *	235
	50	79.0	69,840 *	233
	60	76.4	59,840	231
	70	73.9	47,530	228
	80	71.3	38,730	225
	90	68.6	32,600	221
	100	65.9	27,440	217
	110	63.2	23,300	212
	120	60.3	19,920	206
	130	57.4	17,090	200
	140	54.4	14,710	193
	150	51.2	12,650	185
	160	48.0	10,870	177
	170	44.5	8,320 *	167
	180	40.8	6,080 *	156
190	36.8	4,380 *	143	
200	32.3	2,530 *	128	
210	27.2	1,050 *	110	
240' (73.2M) BOOM & 29' (8.8M) MAST	32	83.8	69,710 *	246
	35	83.1	69,220 *	246
	40	81.9	68,130 *	245
	50	79.4	65,430 *	243
	60	77.0	59,010 *	241
	70	74.6	47,180	238
	80	72.1	38,350	235
	90	69.5	32,250	232
	100	67.0	27,080	228
	110	64.3	22,940	223
	120	61.7	19,550	218
	130	58.9	16,720	212
	140	56.1	14,330	205
	150	53.1	11,970 *	198
160	50.1	9,010 *	190	

The ratings in this chart are for planning purposes only. Only those ratings specifically assigned to a crane and mounted in the Operator's Cab or in the Operator's Manual should be used for actual operation.