

**P&H****CRANE AXLE LOADINGS****9125T**

Use table below to determine weight adjustments to conform with local highway regulations. Item #1 or Item #1A is the base figure (total weight). From this Item #1 or #1A deduct "minus" figures or add "plus" figures shown. All figures indicate weight in pounds.

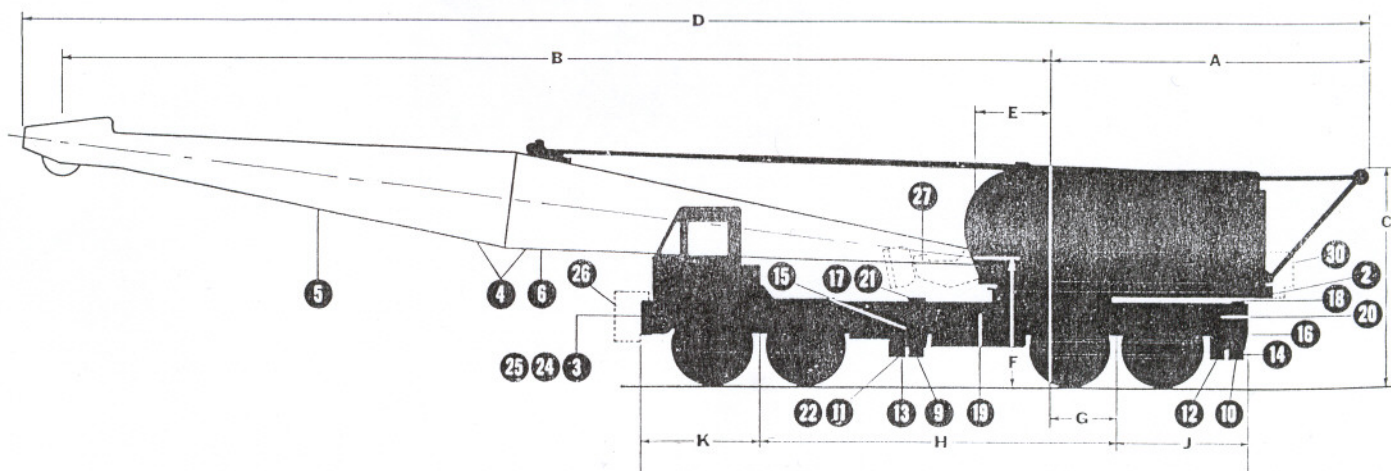
Item No.	Item	Total Weight or Adjustment	Boom Over Front of Carrier		Boom Over Rear of Carrier	
			Front Bogie	Rear Bogie	Front Bogie	Rear Bogie
1	Complete Standard Machine with 50' Boom Lowered to travel position, with single sheave hook block (manual outriggers)	159547	25796	133751	53781	105766
1A	Same as Item #1 Except with Hydraulic Outriggers	162127	26260	135867	54246	107881
	EFFECT OF REMOVING					
2	Cast Counterweight	-40450	+12420	-52870	-25850	-14600
3	Single Sheave Hook Block	-750	-1030	+280	+320	-1070
4	50 Ft. Boom with Guy Lines and Spreader	-6620	-11370	+4750	+8960	-15580
5	25 Ft. Boom Upper Section with Guy Lines	-2700	-6970	+4270	+6000	-8700
6	25 Ft. Boom Lower Section with Spreader	-3920	-4400	+480	+2960	-6880
7	Hoist Rope — Spooled on Hoist Drum	0	-760	+760	+760	-760
8	Boom Hoist Rope — Spooled on Boom Hoist Drum	0	-360	+360	+360	-360
9	Front Outrigger Beams with Screws	-3120	-1820	-1300	-1820	-1300
10	Rear Outrigger Beams with Screws	-3120	+1050	-4170	+1050	-4170
11	Front Outrigger Housings	-2320	-1350	-970	-1350	-970
12	Rear Outrigger Housings	-2320	+780	-3100	+780	-3100
13	Front Misc. Manual Outrigger Material	-250	-150	-100	-150	-100
14	Rear Misc. Manual Outrigger Material	-250	+90	-340	+90	-340
15	Front Hydraulic Outrigger Extension Cylinders	-200	-115	-85	-115	-85
16	Rear Hydraulic Outrigger Extension Cylinders	-200	+70	-270	+70	-270
17	Front Hydraulic Outrigger Vertical Cylinders	-960	-560	-400	-560	-400
18	Rear Hydraulic Outrigger Vertical Cylinders	-960	+340	-1300	+340	-1300
19	Four Aluminum Outrigger Floats	-480	-160	-320	-160	-320
20	Rear Frame Section only without Outrigger Housings but with Two Vertical Hydraulic Cylinders, Connecting Pins and Cams	-5120	+1580	-6700	+1580	-6700
21	Front Brackets for Vertical Hyd. Cylinders	-1020	-590	-430	-590	-430
22	Front Frame Outrigger Housing Brackets	-270	-150	-120	-150	-120
	Weight of machine with counterweight removed (manual outriggers).	119,097	38,216	80,881	27,931	91,166
	Weight of machine with counterweight, complete boom and block removed (manual outriggers). (Hoist and boom hoist rope spooled on drums.)	111,727	24,696	87,031	38,331	73,396
	Weight of machine with counterweight, complete boom, complete outriggers, rear frame section, hoist and boom hoist ropes removed.	94,527**	23,316	71,211	37,861	56,666
	EFFECT OF ADDING					
23	Boom Backstops	+1520	+1220	+300	-670	+2190
24	Three Sheave Hook Block*	+1300	+1730	-430	-500	+1800
25	Four Sheave Hook Block*	+2130	+2840	-710	-820	+2950
26	Front Bumper Counterweight	+27000	+37000	-10000	+37000	-10000
27	Fairlead	+1090	+330	+760	-130	+1220
28	Tagline Winder	+650	+1100	-460	-880	+1530
29	Power Lowering on Front Drum	+330	+60	+270	+60	+270
29A	Power Lowering on Rear Drum	+324	0	+324	+122	+202
30	Additional Max. Counterweight	+21300	-11100	+32400	+18800	+2500
31	15' Section with Hammerhead Tapered Upper Boom*	+1440	+2950	-1510	-2410	+3850
32	35' Upper Boom Section*	+800	+3090	-2290	-2780	+3580

*In place of Standard

**Machine weight under 94,000 lbs. may be obtained by removing hoist drum laggings.

Minus figures indicate weights to be deducted from adjusted Item 1 figure at head of its column. Plus figure indicate weights to be added to adjusted Item 1 figure at head of its column.

Boom Length	A	B	C	D	E	F	G	H	J	K	L
50'-0"	18'-4"	54'-0"	13'-1 $\frac{3}{4}$ "	73'-7 $\frac{1}{2}$ "	52"	7'-3 $\frac{1}{2}$ "	42"	19'-2"	7'-4"	76 $\frac{1}{2}$ "	32'-10 $\frac{1}{2}$ "





9125-TC

AXLE LOADINGS

**BOOM LENGTHS, OVERALL LENGTHS, AND AXLE LOADS (IN POUNDS) FOR TRAVELING (BOOM NOT FOLDED)
MACHINE WITH MANUALLY OPERATED OUTRIGGERS**

Crane Attachment			Total Weight of Machine	Boom Over Front of Carrier Single Sheave Block Fastened to Bumper		Overall Length in Feet	Boom Over Rear of Carrier Single Sheave Hook Block Fastened to Frame		Overall Length in Feet
Boom Length	Insert Lengths	Attach. Weights*		Front Bogie	Rear Bogie		Front Bogie	Rear Bogie	
50'	—	7530	159547	25796	133751	73.9	53781	105766	77.7
60'	10'	8563	160580	29348	131232	83.9	50606	109974	87.7
70'	20'	9155	161172	32453	128719	93.9	47717	113455	97.7
80'	30'	9768	161785	35920	125865	103.9	44474	117311	107.7
90'	20' + 20'	10780	162797	40807	121990	113.9	39957	122840	117.7
100'	20' + 30'	11393	163410	44913	118497	123.9	36075	127335	127.7

*Crane attachment weights include complete boom, standard hoist line, boom hoist line, guy lines and spreader, less hook block.

**BOOM LENGTHS, OVERALL LENGTHS, AND AXLE LOADS (IN POUNDS) FOR TRAVELING (BOOM NOT FOLDED)
MACHINE WITH HYDRAULICALLY OPERATED OUTRIGGERS**

Crane Attachment			Total Weight of Machine	Boom Over Front of Carrier Single Sheave Block Fastened to Bumper		Overall Length in Feet	Boom Over Rear of Carrier Single Sheave Hook Block Fastened to Frame		Overall Length in Feet
Boom Length	Insert Lengths	Attach. Weights*		Front Bogie	Rear Bogie		Front Bogie	Rear Bogie	
50'	—	7530	162127	26260	135867	73.9	54246	107881	77.7
60'	10'	8563	163160	29812	133348	83.9	51071	112089	87.7
70'	20'	9155	163752	32918	130834	93.9	48181	115571	97.7
80'	30'	9768	164365	36385	127981	103.9	44939	119426	107.7
90'	20' + 20'	10780	165377	41271	124106	113.9	40422	124955	117.7
100'	20' + 30'	11393	165990	45377	120613	123.9	36539	129451	127.7

*Crane attachment weights include complete boom, standard hoist line, boom hoist line, guy lines and spreader, less hook block.

Note: All of the weights indicated in axle loading tables above are subject to some variation and are for information purpose only.

TIRE LOAD CHART (LBS.)*

Tire Size	Allowable Load	
	Front Bogie	Rear Bogie
14:00 x 24 — 24 Ply	47600	95200

*Loads exceeding those shown above are not recommended for highway travel.

Manufactured and sold in conformance with U.S. Department of Commerce Commercial Standard CS90-58.

Harnischfeger Corporation reserves the right to make changes in specifications without advance notice.

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Address inquiries to:

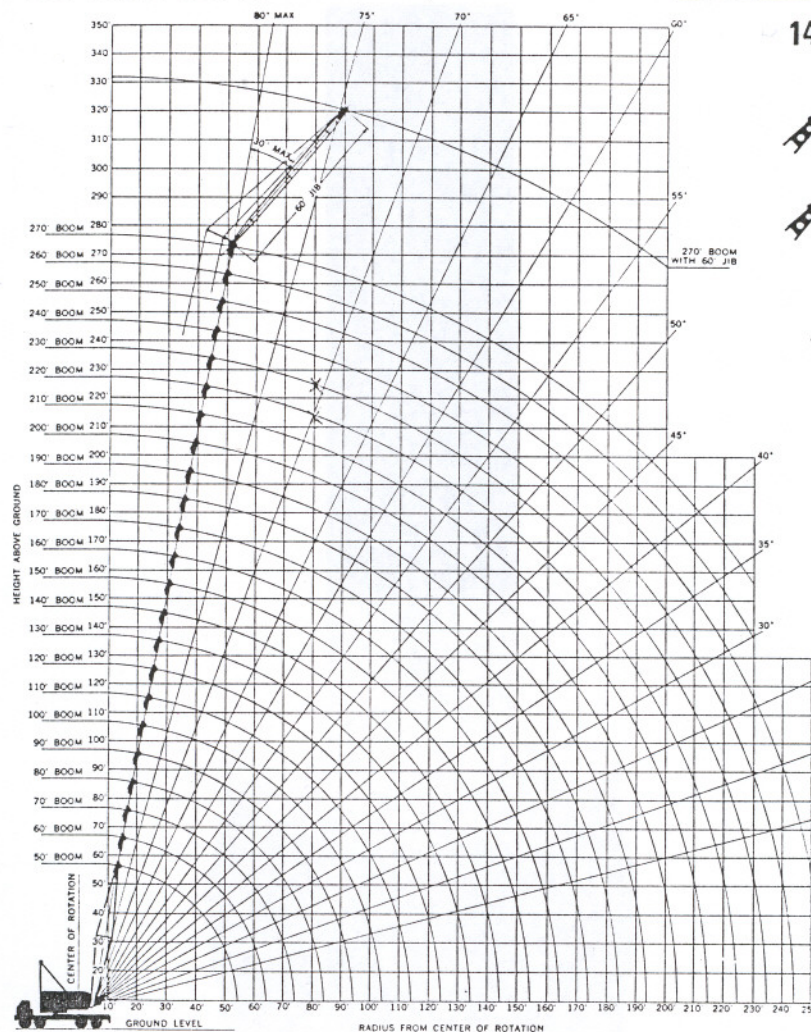
HARNISCHFEGER

Milwaukee, Wisconsin 53246



**P & H****CRANE SPECIFICATIONS**

PCSA CLASS 12-746

9125-10**140 TON TRUCK CRANE****MAXIMUM BOOM LENGTHS MACHINE CAN LIFT OFF GROUND**
with Standard 41,000 Lb. Counterweight

	WITH OUTRIGGERS		WITHOUT OUTRIGGERS	
	Boom Only	Boom & Jib	Boom Only	Boom & Jib
Side	200	180 & 50 Ft.	130	110 & 30 Ft.
Rear	220	200 & 60 Ft.	140	120 & 20 Ft.
Rear Only with Required Bumper Counterweight		250 & 60 Ft.		

with Additional 21,000 Lb. Counterweight (Total 62,000 Lbs.)

	WITH OUTRIGGERS
	Boom & Jib
Rear Only with Required Bumper Counterweight	270 & 60 Ft.

DRUM SHAFT ASSEMBLY

Crane Laggings (Smooth) (P.D.)	Cable Dia.	Max. Cable Capacity	*Line Pulls	*Line Speeds
Front — 21"	1"	1104 ft.	30800 lbs.	166 f.p.m.
Rear — 21"	1"	1100 ft.	31600 lbs.	166 f.p.m.

*Line pulls and speeds based on single line and first layer of rope and engine at full load speed.

MAXIMUM JIB RATINGS

	POUNDS				
OFFSET ANGLE JIB TO BOOM UNDER FULL LOAD	20 Ft. Jib	30 Ft. Jib	40 Ft. Jib	50 Ft. Jib	60 Ft. Jib
10°	30000	20000	16000	13000	10700
20°	25000	18000	14500	11600	9800
30° Max.	23000	17000	13500	11000	9300

Jib crane rating at any radius from center of rotation is the same rating as for main boom when operated at the same radius, but not to exceed maximum jib ratings shown. For bucket ratings on jib deduct 20% from jib ratings. Maximum jib operating radius not to exceed length of main boom on which it is being used. Use of outriggers recommended when boom is equipped with jib.

HOIST REEVING

No. of Parts of Line	1	2	3	4	5	6	7	8	9	10
Maximum Load — Lbs.	27800	55600	83400	111200	139000	166800	194600	222400	250000	280000



RATED CRANE LOADS IN POUNDS — MAIN BOOM (Drawing 32J45)

Oper. Rad. Ft.	Angle	150 Ft. Boom		Angle	160 Ft. Boom		Angle	170 Ft. Boom		Angle	180 Ft. Boom		Angle	190 Ft. Boom		Angle	200 Ft. Boom		Angle	210 Ft. Boom		Angle	220 Ft. Boom		Angle	230 Ft. Boom		Angle	240 Ft. Boom		Angle	250 Ft. Boom	
		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.
35	78	155'-4"	67300	77	164'-7"	54700	78	174'-11"	54400	79	185'-4"	54100	79	194'-4"	45300	78	204'-2"	45000	77	213'-4"	37950	78	223'-9"	37650	79	234'-5"	37350	77	242'-7"	27500	77	252'-1"	27200
40	76	154'-2"	55000	77	163'-2"	46200	76	173'-8"	45900	77	184'-2"	45600	78	194'-4"	45300	78	204'-2"	45000	77	213'-4"	37950	78	223'-9"	37650	79	234'-5"	37350	77	242'-7"	27500	77	252'-1"	27200
45	74	152'-10"	46500	75	163'-2"	46200	76	173'-8"	45900	77	184'-2"	45600	78	194'-4"	45300	78	204'-2"	45000	77	213'-4"	37950	78	223'-9"	37650	79	234'-5"	37350	77	242'-7"	27500	77	252'-1"	27200
50	72	151'-5"	39750	73	161'-8"	39450	74	172'-2"	39150	75	182'-8"	38850	76	193'-0"	38550	77	203'-5"	38250	77	213'-4"	37950	78	223'-9"	37650	79	234'-5"	37350	77	242'-7"	27500	77	252'-1"	27200
60	68	147'-9"	30200	69	158'-0"	29900	71	169'-4"	29600	72	179'-9"	29300	73	190'-3"	29000	74	201'-1"	28700	75	211'-6"	28400	76	222'-2"	28100	76	231'-9"	27800	77	242'-7"	27500	77	252'-1"	27200
70	64	143'-7"	24600	66	154'-8"	24300	67	165'-2"	24000	69	177'-8"	23700	70	187'-2"	23400	71	197'-10"	23100	72	208'-4"	22800	73	218'-10"	22500	73	228'-8"	22200	74	239'-5"	21900	75	250'-2"	21600
80	60	138'-8"	20250	62	150'-1"	19950	64	161'-7"	19650	65	171'-9"	19350	67	183'-8"	19050	68	194'-2"	18750	69	204'-9"	18450	70	215'-6"	18150	71	226'-3"	17850	72	236'-8"	17550	73	247'-8"	17250
90	55	131'-6"	16850	58	144'-2"	16550	60	155'-10"	16250	62	167'-8"	15950	63	178'-1"	15650	65	190'-1"	15350	66	200'-4"	15050	67	211'-2"	14750	68	221'-10"	14450	69	232'-8"	14150	70	243'-8"	13850
100	50	123'-6"	14300	53	136'-4"	14000	56	148'-8"	13700	58	161'-2"	13400	60	173'-2"	13100	61	183'-8"	12800	63	196'-0"	12500	64	206'-3"	12200	65	217'-2"	11900	67	229'-8"	11600	67	238'-8"	11300
110	45	114'-6"	12200	49	129'-4"	11900	52	142'-8"	11600	54	154'-2"	11300	56	166'-3"	11000	58	178'-3"	10700	60	190'-4"	10400	61	201'-2"	10100	63	213'-8"	9800	64	224'-5"	9500	65	235'-3"	9200
120	40	104'-11"	10600	44	119'-9"	10300	47	133'-0"	10000	50	146'-7"	9700	53	160'-3"	9400	55	172'-6"	9100	57	184'-10"	8800	58	195'-2"	8500	60	208'-0"	8200	61	218'-8"	7900	62	229'-7"	7600
130	33	90'-2"	9350	38	106'-10"	9050	42	122'-5"	8750	46	138'-1"	8450	49	152'-0"	8150	51	163'-11"	7850	53	176'-6"	7550	55	188'-10"	7250	57	201'-5"	6950	58	212'-4"	6650	60	225'-2"	6350
140	25	71'-9"	8350	32	93'-2"	8050	37	110'-11"	7750	41	126'-8"	7450	44	140'-7"	7150	47	155'-0"	6850	50	169'-4"	6550	52	182'-2"	6250	54	194'-8"	5950	56	207'-8"	5650	57	218'-2"	5350
150	14	44'-5"	7400	24	73'-5"	7100	31	96'-1"	6800	36	114'-4"	6500	40	130'-6"	6200	43	145'-0"	5900	46	159'-7"	5600	48	172'-1"	5300	51	187'-5"	5000	53	200'-0"	4700	54	210'-9"	4400
160	..	.....	.....	13	44'-1"	6250	24	77'-6"	5950	30	98'-5"	5650	35	117'-6"	5350	39	134'-6"	5050	42	149'-1"	4750	41	152'-10"	4450	47	176'-10"	4150	50	192'-6"	3850	52	205'-8"	3550
170	..	.....	.....	..	.....	.....	13	46'-4"	5130	23	78'-9"	4830	29	102'-0"	4530	34	120'-4"	4230	38	137'-10"	3930	37	141'-0"	3630	44	168'-7"	3330	46	182'-2"	3030	49	197'-6"	2730
180	..	.....	.....	..	.....	.....	..	.....	4100	22	79'-6"	3800	29	105'-4"	3500	33	122'-10"	3200	32	125'-1"	2900	40	156'-4"	2600	43	172'-2"	2300	45	185'-2"	2000			
190	..	.....	.....	..	.....	.....	..	.....	.....	12	47'-7"	3140	22	83'-4"	2800	28	107'-0"	2540	27	108'-4"	2240	36	143'-10"	1940	39	158'-6"	1640	42	175'-8"	1340			
200	..	.....	.....	..	.....	.....	..	.....	.....	..	49'-9"	2370	12	83'-6"	2070	21	83'-6"	2070	20	83'-7"	1770	31	126'-10"	1470	35	146'-1"	1170	39	165'-10"	870			

Gantry must be in the highest raised position for all conditions. Ratings above heavy line require use of 5 sheave point (15 ft. or 25 ft. tip section). Ratings below heavy line are based on the use of 2 sheave point (35 ft. tip section*). Maximum

3000 lbs. for 60 ft. jib.
Boom Backstops recommended for all boom lengths. Ratings are contingent upon freely suspended loads, machine standing on firm, level and uniformly supporting surface. Safe loads depend upon ground conditions, boom length, radius of operation and proper handling, all of which must be taken into account by the user. *If 3 sheave point is used with 35 ft. tip section, maximum rating is 150,000 lbs.



9125-TC

CRANE

GENERAL DATA

BOOM — HEAVY-DUTY:

Tubular T-1 steel chords, lattice construction, pin connected.

Length — boom base section 25 ft.

— boom tip section 25 ft.

Open throat with five boom point sheaves offset from centerline, on anti-friction bearings, pitch diameter 24 1/8"

BOOM — LIGHT DUTY:

Tubular T-1 steel chords, lattice construction, pin connected.

Length — boom base section 25 ft.

— boom tip section 35 ft.

Open throat with two boom point sheaves offset from centerline, on anti-friction bearings, pitch diameter 24 1/8"

Third boom point sheave, optional extra.

BOOM — HAMMERHEAD:

Tubular T-1 steel chords, lattice construction, pin connected.

Length — boom base section 25 ft.

— boom tip section 15 ft.

(Limited to use with up to maximum of 200 ft. boom)

Hammerhead arrangement with five boom point sheaves on anti-friction bearings, pitch diameter 24 1/8"

BOOM HOIST REEVING: 10 parts of line — spreader sheaves on anti-friction bearings.

HOOK BLOCK: 42 ton

Single sheave with safety swivel hook and 3 part hoist line, standard. Additional parts of line optional extra.

POWER CONTROLLED LOAD LOWERING: Planetary device for lowering loads under power control. Applicable to front drum, rear drum or both, optional extra.

GANTRY:

High gantry, fold over type — two working and two traveling positions — power raised, standard.

High gantry, telescoping type — two working and one traveling position — power raised, optional extra.

Mast gantry, boom foot type — required for machines equipped with booms 230 ft. and over, optional extra.

WORKING WEIGHT:

Basic crane (including heavy duty boom and block) 159,547 lbs.

Counterweight (included in working weight) furnished as standard 41,000 lbs.

Additional counterweight for maximum crane rating to be used only with outriggers fully extended) optional extra 21,000 lbs.

Front bumper counterweight (required for booms 230 ft. and longer (optional extra) . . . 27,000 lbs.

Oper. Rad. Ft.	40 Ft. Boom			50 Ft. Boom			60 Ft. Boom			70 Ft. Boom			80 Ft. Boom			90 Ft. Boom			100 Ft. Boom			110 Ft. Boom			120 Ft. Boom			130 Ft. Boom		
	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear	Over	Side	Rear
12	124100	124900	123800	123800	124600	124600	88400	91500	91500	88700	91800	91800	88700	91800	91800	88700	91800	91800	88700	91800	91800	88700	91800	91800	88700	91800	91800	88700	91800	91800
15	89000	91800	88700	88700	91500	91500	59400	62800	62800	59700	63100	63100	59700	63100	63100	59700	63100	63100	59700	63100	63100	59700	63100	63100	59700	63100	63100	59700	63100	63100
20	60000	63100	60000	60000	62800	62800	44350	47450	47450	44650	47750	47750	44650	47750	47750	44650	47750	47750	44650	47750	47750	44650	47750	47750	44650	47750	47750	44650	47750	47750
25	44950	47750	44950	44950	47450	47450	35150	37900	37900	35450	38200	38200	35450	38200	38200	35450	38200	38200	35450	38200	38200	35450	38200	38200	35450	38200	38200	35450	38200	38200
30	35600	38200	35600	35600	37900	37900	29200	31400	31400	29200	31700	31700	29200	31700	31700	29200	31700	31700	29200	31700	31700	29200	31700	31700	29200	31700	31700	29200	31700	31700
35	29500	31700	29500	29500	31400	31400	24350	26800	26800	24650	27100	27100	24650	27100	27100	24650	27100	27100	24650	27100	27100	24650	27100	27100	24650	27100	27100	24650	27100	27100
40	24950	27100	24950	24950	26800	26800	21050	23100	23100	21350	23500	23500	21350	23500	23500	21350	23500	23500	21350	23500	23500	21350	23500	23500	21350	23500	23500	21350	23500	23500
45	21000	23500	21000	21000	23100	23100	18400	20300	20300	18700	20500	20500	18700	20500	20500	18700	20500	20500	18700	20500	20500	18700	20500	20500	18700	20500	20500	18700	20500	20500
50	18000	20500	18000	18000	20300	20300	15500	17500	17500	15800	17800	17800	15800	17800	17800	15800	17800	17800	15800	17800	17800	15800	17800	17800	15800	17800	17800	15800	17800	17800
60	14500	17500	14500	14500	17500	17500	12500	14500	14500	12800	14800	14800	12800	14800	14800	12800	14800	14800	12800	14800	14800	12800	14800	14800	12800	14800	14800	12800	14800	14800
70	11500	14200	11500	11500	14200	14200	10000	11500	11500	10300	11800	11800	10300	11800	11800	10300	11800	11800	10300	11800	11800	10300	11800	11800	10300	11800	11800	10300	11800	11800
80	9225	10350	9225	9225	10350	10350	8225	9225	9225	8225	9225	9225	8225	9225	9225	8225	9225	9225	8225	9225	9225	8225	9225	9225	8225	9225	9225	8225	9225	9225
90	7400	8350	7400	7400	8350	8350	6800	7750	7750	6800	7750	7750	6800	7750	7750	6800	7750	7750	6800	7750	7750	6800	7750	7750	6800	7750	7750	6800	7750	7750
100	5850	6800	5850	5850	6800	6800	5550	6500	6500	5550	6500	6500	5550	6500	6500	5550	6500	6500	5550	6500	6500	5550	6500	6500	5550	6500	6500	5550	6500	6500
WITHOUT OUTRIGGERS																														

For all operating conditions and instructions refer to notes under main rating plate 32145 and 32146.

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Manufactured and sold in conformance with U. S. Department of Commerce Commercial Standard CS-90-58.

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Address Inquiries to:

HARNISCHFEGER

Milwaukee, Wisconsin 53246



Maximum Counterweight of 62,000 lbs.
Ratings Over Side and Rear — Outriggers Fully Extended

RATED CRANE LOADS IN POUNDS — MAIN BOOM (Drawing 32J46)

[illegible]

Oper. Rad. Ft.	160 Ft. Boom			170 Ft. Boom			180 Ft. Boom			190 Ft. Boom			200 Ft. Boom			210 Ft. Boom			220 Ft. Boom			230 Ft. Boom			240 Ft. Boom			250 Ft. Boom			260 Ft. Boom			270 Ft. Boom			
	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.	Angle	Boom Pt. El.	Rating Lbs.				
WITH OUTRIGERS	40	77	164'-7"	71300	78	174'-11"	71000	79	185'-4"	70700	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
	45	75	163'-2"	60400	76	173'-8"	60100	77	184'-2"	59800	78	194'-4"	59500	78	204'-2"	59200	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
	50	73	161'-8"	51750	74	172'-2"	51450	75	182'-8"	51150	76	193'-0"	50850	77	203'-5"	50550	77	213'-4"	49250	78	223'-9"	44200	79	234'-5"	42450	..	..	..	..	..	..	..	..	..			
	60	69	158'-0"	39750	71	169'-4"	39450	72	179'-9"	39150	73	190'-3"	38850	74	201'-1"	38550	75	211'-6"	38250	76	222'-2"	37950	76	231'-9"	37650	77	242'-7"	35400	77	252'-1"	33100	78	262'-10"	31260	..	..	..
	70	66	154'-8"	32500	67	165'-2"	32200	69	177'-8"	31900	70	187'-2"	31600	71	197'-10"	31300	72	208'-4"	31000	73	218'-10"	30700	73	228'-8"	30400	74	239'-5"	30100	75	250'-2"	29800	76	260'-8"	28300	76	270'-8"	24350
	80	62	150'-1"	26950	64	161'-7"	26650	65	171'-9"	26350	67	183'-8"	26050	68	194'-2"	25750	69	204'-9"	25450	70	215'-6"	25150	71	226'-3"	24850	72	236'-8"	24550	73	247'-8"	24250	73	257'-5"	23950	74	268'-2"	22750
	90	58	144'-2"	22650	60	155'-10"	22350	62	167'-8"	22050	63	178'-1"	21750	65	190'-1"	21450	66	201'-2"	21150	67	211'-6"	20850	68	221'-10"	19750	69	232'-8"	19450	70	243'-8"	19950	71	254'-8"	19650	72	265'-5"	19350
	100	53	136'-4"	18200	56	148'-8"	17900	58	161'-2"	17600	60	173'-2"	17300	61	183'-8"	17000	63	196'-0"	16700	64	206'-3"	16400	65	217'-2"	16100	67	229'-8"	15800	67	238'-8"	15500	68	249'-8"	15200	69	261'-2"	14900
	110	49	129'-4"	16000	52	142'-8"	15700	54	154'-2"	15400	56	166'-3"	15100	58	178'-3"	14800	60	190'-4"	14500	61	201'-2"	14200	63	213'-8"	13900	64	224'-5"	13600	65	235'-3"	13300	66	245'-10"	13000	67	257'-1"	12700
	120	44	119'-9"	13900	47	133'-0"	13600	50	146'-7"	13300	53	160'-3"	13000	55	172'-6"	12700	57	184'-10"	12400	58	195'-2"	12100	60	208'-0"	11800	61	218'-8"	11500	62	229'-7"	11200	64	242'-8"	10900	65	253'-6"	10600
	130	38	106'-10"	12200	42	122'-5"	11900	46	138'-1"	11600	49	152'-0"	11300	51	163'-11"	11000	53	176'-6"	10700	55	188'-10"	10400	57	201'-5"	10100	58	212'-4"	9800	60	225'-2"	9500	61	236'-2"	9200	62	247'-2"	8900
	140	32	93'-2"	10800	37	110'-11"	10500	41	126'-8"	10200	44	140'-7"	9900	47	155'-0"	9600	50	169'-4"	9300	52	182'-2"	9000	54	194'-8"	8700	56	207'-8"	8400	57	218'-2"	8100	59	231'-8"	7800	60	242'-8"	7500
	150	24	73'-5"	8380	31	96'-1"	8080	36	114'-4"	7780	40	130'-6"	7480	43	145'-0"	7180	46	159'-7"	6880	48	172'-1"	6580	51	187'-5"	6280	53	200'-0"	5980	54	210'-9"	5680	56	224'-2"	5380	57	235'-8"	5080
	160	13	44'-1"	7500	24	77'-7"	7200	30	98'-5"	6900	35	117'-6"	6600	39	134'-6"	6300	42	149'-1"	6000	41	152'-10"	5700	47	176'-10"	5400	50	192'-6"	5100	52	205'-8"	4800	53	216'-2"	4500	55	229'-8"	4200
	170	..	..	..	13	46'-4"	6100	23	78'-9"	5870	29	102'-0"	5570	34	120'-4"	5270	38	137'-10"	4970	37	141'-0"	4670	44	168'-7"	4370	46	182'-2"	4070	49	197'-6"	3770	50	207'-7"	3470	52	221'-8"	3170
	180	..	..	..	..	..	..	13	48'-8"	4960	22	79'-6"	4660	29	105'-4"	4360	33	122'-10"	4060	32	125'-1"	3760	40	156'-4"	3460	43	172'-2"	3160	45	185'-2"	2860	47	197'-7"	2560	49	212'-7"	2260
	190	..	..	..	..	..	..	..	..	..	12	47'-7"	3840	22	83'-4"	3540	28	107'-0"	3240	27	108'-4"	2940	36	143'-10"	2640	39	158'-6"	2340	42	175'-8"	2040	44	189'-1"	1740	47	206'-1"	1440
	200	..	..	..	..	..	..	..	..	..	12	49'-9"	2930	21	83'-6"	2630	20	83'-7"	2330	31	126'-10"	2030	35	146'-1"	1730	39	165'-10"	1430	41	175'-7"	1190	44	196'-1"	830			

Gross crane ratings shown are for units with 21,000 lbs. additional counterweight and do not exceed 85% tipping loads. Ratings are based on outriggers extended to a fulcrum point 10'-10" from center of carrier. Areas on plate where no ratings are shown operation is not intended or approved. Ratings above heavy line require use of 5 sheave point (15 ft. or 25 ft. tip section). Ratings below heavy line are based on use of 2 sheave point (35 ft. tip section*). These ratings reduced by 1000 lbs. when using 5 sheave point. Ratings are contingent upon the machine being equipped with the proper P&H boom. Ratings at radii of 20 ft. or less are based on strength of materials. Booms 230 ft. and over require 2 sheave point (35 ft. tip section).

tip section), boom foot mast, center hitch, minimum of two 50 ft. boom inserts adjacent to tip section and front bumper counterweight. Maximum boom and jib with front bumper counterweight: 270 ft. boom and 60 ft. jib. Refer to main rating plate 32145 for all notes and instructions not covered by this rating plate. *If 3 sheave point is used with 35 ft. tip section, maximum rating is 150,000 lbs. Ratings below heavy line reduced 2000 pounds when using hammerhead point. Maximum allowable boom length for hammerhead is 200 feet.

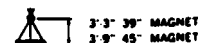
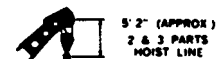
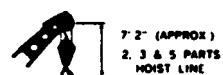
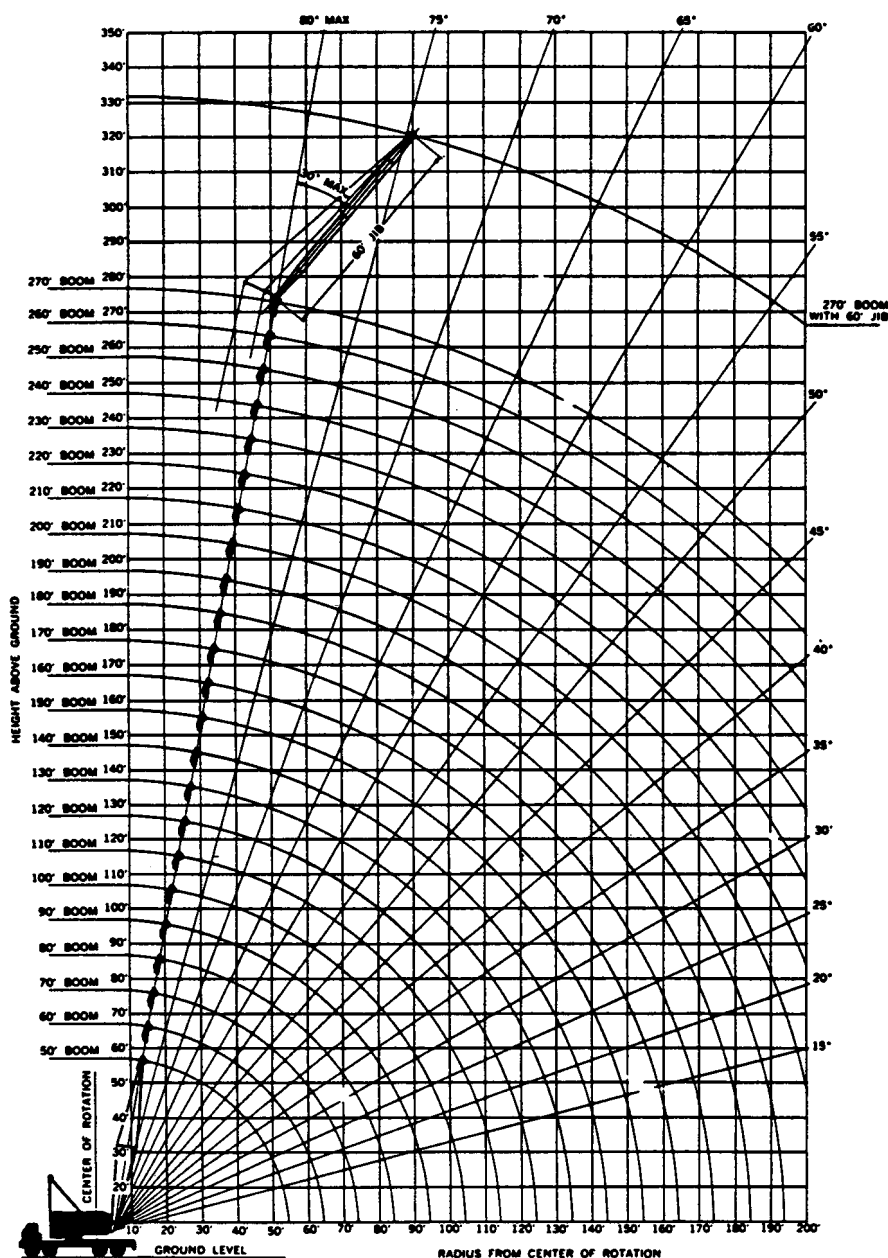
NOTE: Additional 21,000 lbs. counterweight to be installed and used for crane service only and with outriggers fully extended.



P&H

9125-TC

140 TON TRUCK CRANE



Your versatile P & H 9125-TC adapts readily to your special operating needs through a choice of counterweights and boom tips. This brochure contains these crane rating charts:

Heavy and Light Duty Tapered Tip Boom:

1. 41,000 lbs. counterweight - on rubber
50 to 130 foot boom lengths
2. 41,000 lbs. counterweight - on outriggers
50 to 250 foot boom lengths
3. 62,000 lbs. counterweight - on outriggers
50 to 270 foot boom lengths

Hammerhead Tip Boom:

4. 41,000 lbs. counterweight - on rubber
40 to 130 foot boom lengths
5. 41,000 lbs. counterweight - on outriggers
40 to 180 foot boom lengths
6. 62,000 lbs. counterweight - on outriggers
40 to 180 foot boom lengths

Special Container Tip Boom:

7. 62,000 lbs. counterweight - on outriggers
120 to 160 foot boom lengths

Jib Ratings

8. All boom combinations except container

This P & H Model 9125-TC meets the requirements of ANSI B30.5 1968. Boom structure has been tested per SAE J 987. Machine stability has been tested per SAE J 765.



P&H. 9125-TC

the eight charts in this brochure illustrate the range and lifting prowess that has made the 9125-TC the "standard of the industry", the most widely used crane in its class

with 41,000 lbs. counterweight

rated crane loads in pounds — main boom — without outriggers

1

Oper Rad Ft	Angle	50 Ft. Boom		Angle	60 Ft. Boom		Angle	70 Ft. Boom		Angle	80 Ft. Boom		Angle	90 Ft. Boom		Angle	100 Ft. Boom	
		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear
12	81		75,228															
15	78		63,984	80		63,234												
20	72	41,652	50,844	75	40,994	50,156	77	40,643	49,787									
25	66	33,689	41,876	70	33,068	41,229	73	32,738	40,884	75	32,384	40,516	77	31,763	39,869	78	31,392	39,485
30	60	28,066	34,300	65	27,471	34,764	69	27,156	34,437	71	26,817	34,085	73	26,222	33,468	75	25,863	33,098
35	53	23,885	28,100	59	23,309	28,800	64	23,005	28,700	67	22,677	28,500	70	22,102	28,200	72	21,751	27,900
40	45	20,654	23,700	54	20,094	24,400	59	19,798	24,200	64	19,478	24,000	67	18,918	23,700	69	18,575	23,400
45	36	18,083	20,200	47	17,535	20,900	55	17,246	20,800	59	16,933	20,600	63	16,385	20,300	66	16,047	20,000
50	24	15,700	17,600	40	15,451	18,300	49	15,167	18,100	55	14,860	17,900	60	14,321	17,600	63	13,988	17,300
60				22	12,260	14,300	37	11,985	14,100	46	11,686	13,900	52	11,162	13,600	56	10,836	13,300
70							20	9,664	11,400	35	9,371	11,100	43	8,858	10,800	49	8,536	10,500
80										19	7,608	9,100	32	7,103	8,800	41	6,785	8,500
90													17	5,722	7,250	31	5,407	6,900
100																17	4,295	5,700

WHEN USING BOOMS WITH A 25 FT TIP SECTION, 60 FT TO 130 FT LONG, DEDUCT 1,000 LBS

PCSA CLASS 12-570

tapered tip sections

2

Oper Rad. Ft.	Angle	50 Ft. Boom		Angle	60 Ft. Boom		Angle	70 Ft. Boom		Angle	80 Ft. Boom		Angle	90 Ft. Boom		Angle	100 Ft. Boom		Angle	110 Ft. Boom	
		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.
12	81	58.0	280,000																		
15	78	57.5	210,500	80	67.6	196,000															
20	72	56.2	165,200	75	66.6	164,900	77	76.8	164,600												
25	66	54.3	119,600	70	65.1	120,300	73	75.6	120,000	75	85.8	119,700	77	96.3	119,400	78	106.5	119,100			
30	60	52.0	88,500	65	63.1	89,200	69	74.1	88,900	71	84.2	88,600	73	94.6	88,300	75	104.2	88,000	77	115.7	87,700
35	53	48.6	69,300	59	60.1	70,000	64	71.6	69,700	67	82.2	69,400	70	93.1	69,100	72	103.8	68,800	74	114.4	68,500
40	45	44.0	57,000	54	57.1	57,700	59	68.6	57,400	64	80.6	57,100	67	91.5	56,800	69	102.1	56,500	71	112.6	56,200
45	36	37.0	48,500	47	52.5	49,200	55	66.0	48,900	59	77.2	48,600	63	88.8	48,300	66	100.1	48,000	68	110.6	47,700
50	24	28.0	41,750	40	48.2	42,450	49	61.4	42,150	55	74.1	41,850	60	86.6	41,550	63	97.7	41,250	65	108.3	40,950
60				22	30.9	32,900	37	50.6	32,600	46	66.1	32,300	52	79.6	32,000	56	91.5	31,700	60	104.0	31,400
70							20	33.4	27,000	35	54.4	26,700	43	70.0	26,400	49	84.1	26,100	53	96.4	25,800
80										19	34.4	22,350	32	58.0	22,050	41	74.1	21,750	47	89.1	21,450
90													17	35.8	18,650	31	59.9	18,350	39	77.7	18,050
100																17	37.5	15,800	30	63.4	15,500
110																			16	38.8	13,400
120																					
130																					
140																					
150																					
160																					
170																					
180																					
190																					
200																					

RATINGS WITHIN THIS BOX ARE LIMITED BY STRENGTH OF MATERIALS AND REQUIRE THE USE OF A 25 FOOT TIP SECTION WITH 5 SHEAVES.

RATINGS LISTED FOR BOOMS 60 FEET AND LONGER ARE BASED ON THE USE OF A 35 FOOT TIP SECTION. WHEN USING BOOMS WITH A 25 FOOT TIP SECTION, 60 FEET TO 250 FEET LONG AND GREATER THAN 20 FEET OPERATING RADIUS, DEDUCT 1,000 LBS.

WARNING: MAXIMUM RATING FOR 35 FT. 3 SHEAVE TIP IS 150,000 LBS.

— tires at 100 p.s.i.

Over Rd. Fl.	Angle	110 Ft. Boom		Angle	120 Ft. Boom		Angle	130 Ft. Boom		
		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear	
12		RATINGS SHOWN DO NOT EXCEED								
15		MAXIMUM APPROVED TIRE CAPACITY								
20										
25										
30	77	25,258	32,480	78	25,126	32,335				
35	74	21,176	27,605	75	21,037	27,200	77	20,664	27,100	
40	71	18,014	23,100	73	17,877	22,700	74	17,512	22,600	
45	68	15,458	19,600	70	15,363	19,300	72	15,004	19,100	
50	65	13,449	16,800	68	13,315	16,600	69	12,960	16,400	
55	60	10,312	13,000	62	10,180	12,600	65	9,932	12,500	
60	53	8,023	10,200	57	7,893	9,850	60	7,551	9,700	
65	47	6,280	8,150	51	6,152	7,800	54	5,813	7,650	
70	39	4,529	6,550	44	4,781	6,750	49	4,445	6,050	
75	30	3,001	5,550	37	3,674	5,000	43	3,341	4,800	

WARNING: When operating crane "without outriggers" loads lifted over rear and swung over side, will increase in radius due to tire deflection. This increase in radius must be compensated for by raising boom, or machine may tip over.

WARNING: Welding or other repair to tubular steel booms may weaken the structure. See your P & H dealer for authorized boom repair service. Unauthorized repair will void all warranties.

MAXIMUM BOOM LENGTH TO LIFT OFF GROUND						
Boom Over	WITHOUT FRONT SLAMPER COUNTERWEIGHT				With 50,000 lbs. Front Bumper Counterweight and Outriggers Set	
	With Outriggers Set		Without Outriggers Set			
	Boom Only	Boom & Jib	Boom Only	Boom & Jib	Boom Only	Boom & Jib
	25 FT TIP SECTION WITH 5 SHEAVES					
Side	200	150 ÷ 50	130	110 ÷ 30	230	180 ÷ 50
Rear	210	150 ÷ 50	130	120 ÷ 20	250	230 ÷ 60
	35 FT TIP SECTION WITH 2 SHEAVES					
Side	210	150 ÷ 60	130	110 ÷ 30	210	190 ÷ 60
Rear	220	200 ÷ 40	130	120 ÷ 20	250	250 ÷ 60

operating instructions printed below and throughout this brochure are for your safety and will contribute to the long life of your P&H 9125-TC

Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.

Ratings shown are only for combination of P & H manufactured upper, boom, jib, counterweights, carrier and outriggers. Boom backstops are required for all boom lengths. Boom inserts must be arranged as shown in the Boom Make Up Chart. Standard boom hoist reeving is 12 part line. Gantry must be in raised position for all operating conditions except when mast is required. When boom is equipped with jib, main hook ratings must be reduced by 1500 lbs for 20 ft or 30 ft. jib, 2000 lbs. for 40 ft jib, 2500 lbs for 50 ft. jib and 3000 lbs for 60 ft jib. Refer to diagrams for applicable working area.

Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted loads, ground conditions, out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment. The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly. Ratings do not exceed 85% of tipping load as determined by SAE J 765. Deduct weight of hook block(s), slings, cement bucket, and all other load handling accessories from main boom or jib rating weight. Ratings shown are based on 41,000 lbs. counterweight.

WARNING: The wind effect on the lifted load can cause sufficient side load to overstress boom or jib structure. When suspended load will not remain in line with boom, derate chart 25%. We recommend stopping operation when wind is above 30 m.p.h. and tying off or lowering boom when wind is above 50 m.p.h. When continued operation under windy conditions is necessary, consult factory for special derated load rating chart.

P & H type 25 wire rope 6 x 25 I W R C., preformed extra improved plow steel wire rope (filler wire)

Maximum approved travel speed with 30,000 pound front bumper counterweight installed is 5 m.p.h. All tires must be evenly inflated to 100 P.S.I. Maximum approved boom length for travel is 130 ft. or 110 ft. boom and 30 ft. jib. Boom must be positioned over rear of carrier. Gantry must be in raised position to travel with boom attached.

WARNING: When one inch diameter P & H type 11 wire rope (18 x 7 non-rotating preformed plow steel wire rope fiber core) is used for jib line on rear drum maximum lifted load including hook and swivel must not exceed 22,000 lbs. Non-rotating rope is approved only for single line operation.

This chart does not apply for booms equipped with a container tip or hammerhead tip section. Refer to applicable chart for ratings.

rated crane loads in pounds — main boom (69" w. x 69" d.) in over side and over rear work areas with outriggers fully extended and set

Oper. Rad. Ft.	120 Ft. Boom		130 Ft. Boom		140 Ft. Boom		150 Ft. Boom		160 Ft. Boom		170 Ft. Boom		180 Ft. Boom		190 Ft. Boom		200 Ft. Boom		210 Ft. Boom		220 Ft. Boom		230 Ft. Boom		240 Ft. Boom		250 Ft. Boom		Oper. Rad. Ft.														
	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.	Angle Pt. El.	Rating Lbs.															
12																													12														
15																													15														
20																													20														
25																													25														
30	78	126 0	87,400																										30														
35	75	124 4	88,200	77	135 3	67,900	77	145 0	67,600	78	155 3	67,300																	35														
40	73	123 4	55,900	74	133 6	55,600	75	143 9	55,300	76	154 1	55,000	77	164 6	54,700	78	174 9	54,400	79	185 3	54,100									40													
45	70	121 4	47,400	72	132 1	47,100	73	142 4	46,800	74	152 8	46,500	75	163 1	46,200	76	173 6	45,900	77	184 1	45,600	78	194 3	45,300	79	204 1	45,000			45													
50	68	120 0	40,650	69	130 1	40,350	71	141 1	40,050	72	151 4	39,750	73	161 6	39,450	74	172 1	39,150	75	182 6	38,850	76	193 0	38,550	77	203 4	38,250	79	213 3	37,950	78	223 7	37,650	79	234 4	37,350	50						
60	62	114 6	31,100	65	126 5	30,800	67	136 6	30,500	68	147 7	30,200	69	158 0	29,900	71	169 3	29,600	72	179 7	29,300	73	190 2	29,000	74	201 1	28,700	75	211 5	28,400	76	222 1	28,100	78	231 7	27,800	77	242 5	27,500	77	252 1	27,200	60
70	57	109 2	25,500	60	121 2	25,200	62	132 2	24,900	64	143 5	24,600	66	154 6	24,300	67	165 1	24,000	69	177 6	23,700	70	187 1	23,400	71	197 8	23,100	72	208 3	22,800	73	218 8	22,500	73	228 6	22,200	74	239 4	21,900	75	250 1	21,600	70
80	51	101 8	21,150	54	114 0	20,850	57	126 1	20,550	60	138 6	20,250	62	150 1	19,950	64	161 5	19,650	66	171 7	19,350	67	183 6	19,050	68	194 1	18,750	69	204 7	18,450	70	215 5	18,150	71	226 2	17,850	72	236 6	17,550	73	247 6	17,250	80
90	44	93 3	17,750	49	106 6	17,450	52	120 0	17,150	55	131 5	16,850	58	144 2	16,550	60	155 8	16,250	62	167 6	15,950	63	178 1	15,650	65	190 1	15,350	66	202 3	15,050	67	211 1	14,750	68	221 8	14,450	69	232 6	14,150	70	243 6	13,850	90
100	37	86 8	15,200	43	97 1	14,900	47	110 0	14,600	50	124 8	14,300	53	136 3	14,000	56	148 6	13,700	58	161 1	13,400	60	173 1	13,100	61	183 3	12,800	63	196 0	12,500	65	206 2	12,200	66	217 1	11,900	67	229 6	11,600	67	240 0	11,300	100
110	28	85 1	13,100	36	84 9	12,800	41	104 3	12,500	45	114 8	12,200	49	129 3	11,900	52	142 6	11,600	54	154 1	11,300	56	166 2	11,000	58	178 2	10,700	60	190 3	10,400	61	201 1	10,100	63	213 6	9,800	64	224 4	9,500	65	235 2	9,200	110
120	15	81 1	11,500	27	87 4	11,200	34	88 2	10,900	40	104 9	10,600	44	119 7	10,300	47	132 0	10,000	50	146 5	9,700	53	160 2	9,400	55	172 5	9,100	57	184 8	8,800	58	195 1	8,500	60	208 0	8,200	61	218 3	7,900	62	229 5	7,600	120
130				15	81 7	9,950	26	70 7	9,650	33	90 1	9,350	38	106 8	9,050	42	122 4	8,750	46	138 1	8,450	49	152 0	8,150	51	163 9	7,850	53	176 5	7,550	55	188 8	7,250	57	201 4	6,950	58	212 6	6,650	60	225 1	6,350	130
140					14	83 7	8,650	25	73 2	8,350	32	93 1	8,050	37	110 9	7,750	41	126 6	7,450	44	142 2	7,150	47	156 0	6,850	50	169 3	6,550	52	182 1	6,250	54	194 6	5,950	56	207 6	5,650	57	218 1	5,350	140		
150							14	84 4	7,400	24	73 4	7,100	31	96 1	6,800	36	114 3	6,500	40	130 5	6,200	43	146 3	5,900	46	158 5	5,600	48	174 1	5,300	51	187 4	5,000	53	200 0	4,700	54	212 4	4,400	150			
160											13	84 1	6,250	24	77 5	5,950	30	98 4	5,650	35	117 8	5,350	39	134 5	5,050	42	150 3	4,750	45	164 6	4,450	47	178 6	4,150	50	192 5	3,850	52	205 6	3,550	160		
170												13	85 3	5,130	23	78 7	4,830	29	102 0	4,530	34	120 3	4,230	38	137 8	3,930	41	154 1	3,630	44	168 5	3,330	46	182 1	3,030	49	197 0	2,730	170				
180													13	86 6	4,010	22	78 7	3,710	28	105 3	3,410	33	124 2	3,110	37	141 6	2,810	40	158 3	2,510	43	172 2	2,210	46	187 2	1,910	49	200 0	1,610	180			
190																12	89 4	3,140	22	93 3	2,840	28	107 0	2,540	33	127 3	2,240	36	145 0	1,940	39	161 4	1,640	42	175 6	1,340	190						
200																			12	89 7	2,370	21	85 5	2,070	27	109 8	1,770	31	130 2	1,470	35	158 8	1,170	38	165 8	870	200						

PCSA CLASS 12-736

with 62,000 lbs. counterweight

rated crane loads in pounds — main boom (69" w. x 69" d.) in over side and over rear work areas with outriggers fully extended and set

[illegible]

Oper Rad Ft	210 Ft Boom		220 Ft Boom		230 Ft Boom		240 Ft Boom		250 Ft Boom		260 Ft Boom		270 Ft Boom		Oper Rad Ft							
	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs	Boom Pl El	Rating Lbs								
12	MIDPOINT SUSPENSION (CENTER HITCH) REQUIRED FOR BOOMS OVER 200 FT LONG														12							
15															15							
20															20							
25															25							
30															30							
35															35							
40	MAXIMUM BOOM LENGTH WITH A 25 FT TIP SECTION IS 250 FT														40							
45															45							
50	BOOM LENGTHS 210 FT AND LONGER WITH A 35 FT TIP SECTION REQUIRES A 2 SHEAVE POINT														50							
55															55							
60	75	213.3	46,500	78	223.7	42,900	79	234.4	39,400						60							
65	75	211.5	38,250	78	222.1	37,950	78	231.7	36,000	77	242.5	33,100	77	252.1	30,300	78	262.8	25,500	76	270.6	20,600	70
70	72	208.3	31,000	73	218.8	30,700	73	228.6	30,400	74	239.4	29,700	75	250.1	24,900	76	260.6	22,700	76	270.6	20,600	70
80	69	204.7	25,450	70	215.5	25,150	71	226.2	24,850	72	236.6	24,300	73	247.6	22,100	73	257.4	20,000	74	268.1	18,100	80
85	66	200.3	21,150	67	211.1	20,950	68	221.8	20,750	69	232.6	19,750	70	243.8	19,150	71	254.6	17,600	72	265.4	15,700	90
100	63	198.0	16,700	64	206.2	16,400	65	217.1	16,100	67	229.6	15,800	67	240.0	15,500	68	249.6	15,200	69	261.1	13,600	100
110	60	190.3	14,500	61	201.1	14,100	62	213.6	13,900	64	224.4	13,600	65	236.2	13,300	66	245.8	13,000	67	257.1	11,600	110
120	57	186.8	12,400	58	195.1	12,100	60	208.1	11,800	61	218.6	11,500	62	229.5	11,200	64	242.6	10,900	65	253.5	9,800	120
130	53	174.5	10,700	55	188.8	10,400	57	201.0	10,100	58	212.3	9,800	60	225.1	9,500	61	236.1	9,200	62	247.1	8,100	130
140	50	169.3	9,300	52	182.1	9,000	54	194.6	8,700	56	207.6	8,400	57	218.1	8,100	59	231.6	7,800	60	242.6	6,600	140
150	48	155.5	8,080	48	174.1	7,580	51	187.4	7,280	53	200.0	6,980	54	212.4	6,680	56	224.1	6,380	57	235.6	5,200	150
160	42	150.3	6,000	45	164.6	5,700	47	178.6	5,400	50	192.5	5,100	52	205.6	4,800	53	216.1	4,500	55	229.6	4,000	160
170	38	137.6	4,970	41	154.1	4,670	44	168.5	4,370	46	182.1	4,070	49	197.0	3,770	50	207.5	3,470	52	221.6	2,900	170
180	33	124.2	4,060	37	141.6	3,760	40	156.3	3,460	43	172.1	3,160	45	187.2	2,860	47	197.5	2,560				180
190	28	107.5	3,240	33	127.3	2,940	36	145.0	2,640	39	161.4	2,340	42	175.6	2,040	44	189.1	1,740				190
200	21	85.5	2,630	27	109.8	2,330	31	120.2	2,030	35	148.3	1,730	39	165.8	1,430	41	175.5	1,130				200

Ratings shown are based on standard 41,000 lbs counterweight with additional 21,000 lbs. bustle counterweight

WARNING: Machine will tip over when upper is revolved over side unless outriggers are fully extended and set.

This chart does not apply for booms equipped with a container tip or hammerhead tip section. Refer to applicable chart for ratings.

MAXIMUM BOOM LENGTH TO LIFT OFF GROUND ON OUTRIGGERS				
Over	Without Front Bumper Counterweight		With 30 000 lbs Front Bumper Counterweight	
	Boom Only	Boom & Job	Boom Only	Boom & Job
25 ft Top Section with 5 Sheaves				
Side	230	200 + 60	230	200 + 60
Rear	230	200 + 60	250	250 + 60
35 ft Top Section with 2 Sheaves				
Side	240	210 + 60	240	210 + 60
Rear	240	210 + 60	270	270 + 60

PCSA CLASS 12-726

with 15 ft. hammerhead tip section and 41,000 lbs. counterweight

rated crane loads in pounds — main boom — without outriggers — tires at 100 p.s.i.

Maximum approved boom length for travel is 130 ft. or 110 ft. boom and 20 ft. jib. All tires must be evenly inflated to 100 P.S.I. Boom must be positioned over rear of carrier. Gantry must be in raised position to travel with boom attached.

This rating plate applies only for booms equipped with a 15 ft. hammerhead tip section.

Oper Rad Ft	40 Ft. Boom		Angle	50 Ft. Boom		Angle	60 Ft. Boom		Angle	70 Ft. Boom		Angle	80 Ft. Boom		Angle	90 Ft. Boom		Angle	100 Ft. Boom		Angle	110 Ft. Boom		Angle	120 Ft. Boom		Angle	130 Ft. Boom		Oper Rad Ft						
	Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear		Over Side	Over Rear	Over Side	Over Rear		
12	82			74.758																																
15	78			63.646	80		62.984	82		61.234																										
20	71	41.048	50.258	75	40.652	49.844	77	38.894	48.158	79	35.638	47.787																								
25	63	33.051	41.261	69	32.669	40.876	72	31.068	38.224	75	25.738	38.584	77	30.384		8.516	78	29.763	37.869	79	29.392	37.485														
30	55	27.403	33.608	62	27.663	33.300	67	25.471	32.779	71	25.156	32.437	73	24.817		2.065	75	24.222	31.468	77	23.863	31.098	78	23.268		30.480	79	23.126	30.335							
35	45	23.204	27.400	56	22.885	27.100	62	21.309	26.800	66	21.035	26.700	69	20.677		6.500	72	20.102	26.200	74	19.751	25.900	75	19.576	25.800	76	19.377	25.200	77	18.664	25.100					
40	33	19.560	23.000	48	19.654	22.700	56	18.094	22.400	62	17.786	22.200	66	17.478		2.000	68	16.918	21.700	71	16.575	21.400	72	16.014	21.100	74	15.037	20.700	75	15.512	20.600	40				
45				40.17.063	19.200	50.15.535	18.900	57.15.246	18.800	62.14.933	8.600	65.14.385	18.300	68.14.047	18.000	70.13.458	17.600	71.13.363	17.300	73.13.064	17.100	45														
50				30.14.700	18.600	44.13.451	18.300	52.13.671	18.100	57.12.660	9.800	61.12.221	15.500	64.11.988	15.300	67.11.498	14.900	69.11.315	14.600	71.11.131	14.400	73.11.060	14.200	50												
60							27.10.260	12.300	40.9.985	12.100	48.5.886	1.930	54.9.162	1.600	58.8.836	1.130	61.8.312	1.100	64.8.180	1.060	68.7.832	1.030	60													
70									25.7.654	9.400	35.7.371	9.100	45.6.858	8.800	51.6.536	8.500	55.6.032	8.200	58.5.893	7.950	61.5.551	7.700	70													
80											23.5.608	7.100	35.5.013	8.800	43.4.785	6.500	46.4.280	6.150	52.4.152	5.800	58.3.813	5.650	80													
90												22.3.722	5.750	34.4.007	3.400	4.600	61.2.909	4.550	46.2.781	4.250	50.2.443	4.050	90													
100													20.2.295	3.700	32.1.801	3.350	38.1.674	3.000	44.1.341	2.800	100															

WARNING: When operating crane "without outriggers" loads lifted over rear and swung over side, will increase in radius due to tire deflection. This increase in radius must be compensated for by raising boom, or machine may tip over.

MAXIMUM BOOM LENGTH TO LIFT OFF GROUND				
Boom Over	With Outriggers Set		Without Outriggers Set	
	Boom Only	Boom & Jib	Boom Only	Boom & Jib
With 41,000 Lbs. Counterweight				
Side	180	170 + 50	120	100 + 50
Rear	180	180 + 30	130	110 + 20
With 62,000 Lbs. Counterweight				
Side	180	180 + 60	Not Approved	
Rear	180	180 + 60		

rated crane loads in pounds — main boom (69" w. x 69" d.) in over side and over rear work areas with outriggers fully extended and set

[illegible]



WARNING: When machine is equipped with 62,000 lbs. of counterweight, machine will tip over when upper is revolved over the side unless outriggers are fully extended and set.

with 15 ft. hammerhead tip section and 62,000 lbs. counterweight

rated crane loads in pounds — main boom (69" w. x 69" d.) in over side and over rear work areas with outriggers fully extended and set

Oper Rad Ft.	Angle	40 Ft. Boom		50 Ft. Boom		60 Ft. Boom		70 Ft. Boom		80 Ft. Boom		90 Ft. Boom		100 Ft. Boom		110 Ft. Boom		120 Ft. Boom		130 Ft. Boom		140 Ft. Boom		150 Ft. Boom		160 Ft. Boom		170 Ft. Boom		180 Ft. Boom		Oper Rad Ft.														
		Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.	Boom Pt. El.	Rating Lbs.																	
12	82	48.9	280,000																												12															
15	78	48.5	245,000	80	58.6	207,000	82	68.7	192,000	RATINGS ABOVE HEAVY LINE ARE LIMITED BY STRENGTH OF MATERIALS																MAST REQUIRED FOR BOOMS 150 FT. AND LONGER. GANTRY MUST BE IN THE INTERMEDIATE POSITION								15												
20	71	47.4	186,500	75	57.7	174,300	77	68.0	174,000	78	78.1	165,000																			20															
25	63	45.5	140,000	69	56.3	127,700	72	68.8	127,400	75	77.1	127,100	77	87.4	126,800	78	97.6	126,500	79	107.7	126,200											25														
30	55	42.6	105,500	62	54.2	102,900	67	65.1	102,600	71	75.7	102,300	73	86.1	102,000	75	96.5	101,700	77	106.7	101,400	78	117.0	101,100	79	127.1	100,800					30														
35	45	38.4	84,500	58	51.3	84,200	62	62.8	83,900	66	73.8	83,600	69	84.6	83,300	72	95.1	83,000	74	105.6	82,700	75	115.8	82,400	76	126.1	82,100	77	136.4	81,800	78	146.6	81,500	79	156.7	79,400	35									
40	33	32.1	72,900	48	47.4	72,600	56	60.0	72,300	62	71.5	72,000	68	82.6	71,700	68	93.4	71,400	71	104.0	71,100	72	114.5	70,800	74	124.9	70,500	75	135.2	70,200	76	145.5	69,900	77	155.7	69,600	78	166.0	69,300	79	176.1	69,000	79	186.3	68,700	40
45				40	42.3	61,700	50	56.3	61,400	57	68.8	61,100	62	80.2	60,800	65	91.3	60,500	68	102.2	60,200	70	112.9	59,900	71	123.4	59,600	73	133.9	59,300	74	144.2	59,000	75	154.6	58,700	76	164.9	58,400	77	175.1	58,100	78	185.3	57,800	45
50				30	34.8	53,050	44	51.7	52,750	52	65.1	52,450	57	77.3	52,150	61	88.9	51,850	64	100.0	51,550	67	110.9	51,250	69	121.7	50,950	71	132.3	50,650	72	142.8	50,350	73	153.2	50,050	74	163.6	49,750	75	173.9	49,450	76	184.2	49,150	50
60							27	37.2	40,750	40	55.5	40,450	48	69.8	40,150	54	82.6	39,850	58	94.7	39,550	61	106.2	39,250	64	117.4	38,950	66	128.4	38,650	68	139.3	38,350	69	150.0	38,050	71	160.6	37,750	72	171.1	37,450	73	181.6	37,150	60
70										25	39.3	33,200	38	59.0	32,900	45	74.2	32,600	51	87.6	32,300	55	100.1	32,000	58	112.0	31,700	61	123.5	31,400	63	134.8	31,100	65	145.9	30,800	67	156.8	30,500	68	167.6	30,200	69	178.3	29,900	70
80										23	41.3	27,350	35	62.3	27,050	43	78.2	26,750	48	92.2	26,450	56	117.5	26,150	58	128.5	25,850	59	139.3	25,550	61	140.9	25,250	63	152.2	24,950	65	163.3	24,650	66	174.3	24,350	80			
90																																													90	
100																																													100	
110																																													110	
120																																													120	
130																																													130	
140																																													140	
150																																													150	
160																																													160	
170																																													170	
180																																													180	

jib ratings, drum data, reeving and boom make-up

MAXIMUM JIB (20" W. x 25" D.) RATINGS FOR LIFTING CRANE SERVICE — LBS.					
ONE INCH DIA. P & H TYPE 25 WIRE ROPE					
*Use Two Parts of Line for Loads Above 25,000 Lbs.					
Offset Angle Jib to Boom Under Full Load	20 Ft. Jib	30 Ft. Jib	40 Ft. Jib	50 Ft. Jib	60 Ft. Jib
10°	30,000	20,000	16,000	13,000	10,700
20°	25,000	18,000	14,500	11,600	9,800
30° Max	23,000	17,000	13,500	11,000	9,300
MAXIMUM JIB RATINGS FOR BUCKET SERVICE — LBS.					
10°	24,000	16,000	12,800	10,400	8,560
20°	20,000	14,400	11,600	9,280	7,840
20° Max	18,400	13,600	10,800	8,800	7,440

Jib Crane Ratings are based on strength of materials. When main boom load rating at operating radius is less than maximum jib ratings, stability governs and the lower value of main boom load rating must be used. Jibs are intended to increase lifting height — not operating radius — therefore, maximum jib operating radius is limited to maximum rated radius of boom length on which jib is mounted.

Locate jib backstay anchor at base end of first insert below boom tip section.

WARNING

Using this equipment in excess of rated loads, in areas of chart not rated, or with disregard of instructions will result in unsafe operating conditions and is a violation of the U.S. Dept. of Labor, Safety and Health regulations for construction.

DRUM WORKING DATA				
	Front Drum	Rear Drum	Boom Hoist (Double Drums)	Third Drum
Pitch Dia.	21"	21"	15-3/4"	16-1/4"
Drum Length	17"	17"	8-1/4" (real)	6"
Rope Size	1"	1"	3/4"	3/4"
Capacity 1st Layer	88 ft.	88 ft.	31 ft.	
Capacity Total	See Chart	See Chart	See Chart	184 ft.
Line Speed	166 fpm	166 fpm	Up - 64 fpm Down - 42 fpm	128 fpm
Max. Line Pull	30,800 lbs.	31,600 lbs.	20,000 lbs.	9,000 lbs.
Bare Drum	Smooth	Smooth		

MAIN HOIST DRUM RATED LOADS FOR ONE INCH DIA. P & H TYPE 25 WIRE ROPE					
Number of Parts of Main Hoist Reeving	1	2	3	4	5
Maximum Load - lbs.	27,800	55,600	83,400	111,200	139,000
Number of Parts of Main Hoist Reeving	6	7	8	9	10
Maximum Load - lbs.	166,800	194,600	222,400	250,000	280,000

RECOMMENDED WIRE ROPE LENGTH FOR DRUMS — FT.					
BOOM LENGTH FT.	MAIN HOIST DRUM	JIB HOIST DRUM	BOOM LENGTH FT.	MAIN HOIST DRUM	JIB HOIST DRUM
40	510	225	160	675	570
50	620	245	170	715	600
60	600	270	180	755	630
70	615	300	190	795	660
80	525	330	200	630	690
90	585	360	210	660	720
100	645	390	220	690	750
110	590	420	230	770	780
120	640	450	240	750	810
130	690	480	250	780	840
140	740	510	260	845	865
150	635	540	270	865	885

15 FT. HAMMERHEAD TIP BOOM MAKE-UP ARRANGEMENT CHART	
Boom Length Ft.	BOOM ARRANGEMENT
	Base Length = 25 ft.; Tip Length = 15 ft.; Inserts: A=10 ft.; B=20 ft.; C=35 ft.; D=50 ft.
100	Base - A - B - C - Tip
110	Base - B - D - Tip
120	Base - C - D - Tip
130	Base - A - C - D - Tip
140	Base - B - C - D - Tip
150	Base - A - B - C - D - Tip
160	Base - B - D - D - Tip
170	Base - C - D - D - Tip
180	Base - A - C - D - D - Tip

WARNING: When assembling boom inserts, do not cantilever more than 60 ft. of inserts past point of pendant rope attachment to boom. Relocate point of attachment out on boom as additional inserts are added.



with 25 ft. container tip and 62,000 lbs. counterweight

Ratings apply to full 360° operation when front float is in place, otherwise only over sides and rear.

Use insert arrangement as shown in Boom Make-Up Chart for 25 ft. Tip Section.

Gantry must be in raised position for all operating conditions. Travel speed in excess of 5 M.P.H. with machine counterweight exceeds tire manufacturers load ratings.

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Oper. Rad. Ft.	Angle	120 Ft. Boom		Angle	130 Ft. Boom		Angle	140 Ft. Boom		Angle	150 Ft. Boom		Angle	160 Ft. Boom	
		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.		Boom Pt. El.	Rating Lbs.
30	78	126'-0"	101,800												
35	75	124'-5"	83,100	77	135'-4"	82,800	77	145'-0"	82,500	78	155'-4"	82,200			
40	73	123'-4"	71,500	74	133'-8"	71,200	75	143'-11"	70,900	76	154'-2"	70,600	77	164'-7"	70,300
45	70	121'-4"	60,600	72	132'-6"	60,300	73	142'-5"	60,000	74	152'-10"	59,700	75	163'-2"	59,400
50	68	120'-0"	51,950	69	130'-1"	51,650	71	141'-1"	51,350	72	151'-5"	51,050	73	161'-8"	50,750
60	62	114'-8"	39,950	65	126'-6"	39,650	67	136'-8"	39,350	68	147'-9"	39,050	69	158'-0"	38,750
70	57	109'-3"	32,700	60	121'-3"	32,400	62	132'-3"	32,100	64	143'-7"	31,800	66	154'-8"	31,500
80	51	101'-10"	27,150	54	114'-0"	26,850	57	126'-1"	26,550	60	138'-8"	26,250	62	150'-1"	25,950
90	44	93'-4"	22,850	49	106'-8"	22,550	52	120'-0"	22,250	55	131'-6"	21,950	58	144'-2"	21,650
100	37	80'-8"	18,400	43	97'-2"	18,100	47	111'-0"	17,800	50	124'-10"	17,500	53	136'-4"	17,200
110	28	66'-2"	16,200	36	84'-11"	15,900	41	100'-4"	15,600	45	114'-6"	15,300	49	129'-4"	15,000
120	15	41'-2"	14,100	27	67'-5"	13,800	34	88'-3"	13,500	40	104'-11"	13,200	44	119'-9"	12,900
130				15	41'-9"	12,100	26	70'-9"	11,800	33	90'-2"	11,500	38	106'-10"	11,200
140							14	43'-9"	10,400	25	73'-3"	10,100	32	93'-2"	9,800
150										14	44'-5"	7,680	24	73'-5"	7,380
160													13	44'-1"	6,500

rated crane loads in pounds — main boom (69" w. x 69" d.) in over side and over rear work areas with outriggers fully extended and set

SINGLE DRUM OPERATION				
Parts of Line	1	2	3	4
Max. Load-Pounds	25,500	51,000	76,500	102,000
P&H TYPE 25 WIRE ROPE 1 INCH DIA.				
DOUBLE DRUM OPERATION				
Parts of Line	1	2	3	4
Max. Load-Pounds	10,500	21,000	31,500	42,000

P&H SINGLE SHEAVE BLOCK	790 LBS.
P&H TWO SHEAVE BLOCK	840 LBS.

WARNING: When machine is equipped with 62,000 lbs. of counterweight, machine will tip over when upper is revolved over the side unless outriggers are fully extended and set.

25 FT. TIP SECTION								
BOOM LENGTH FT.	BOOM MAKE-UP ARRANGEMENT CHART	APPROX. INSERT LENGTHS	BOOM LENGTH FT.	APPROXIMATE MID-POINT CONNECTION UP BOOM FROM BOOM FOOT PIN				
				ADJUST 908T116 MID-POINT ROPE LENGTH Q_1 TO Q_2 PIN, TO				
				FT. IN.	INCHES	*MID-POINT DEFLECTION RANGE (MIN. and MAX.)		
100	Base - B - C - Tip	Base-25	210	105	78-2	10.5	to 13.5	Base - A - B - D - C - D - Tip
110	Base - A - B - C - Tip		220	115	88-0	10.75	to 14.25	Base - B - B - D - C - D - Tip
120	Base - B - D - Tip		230	125	98-0	11.5	to 15.0	Base - D - D - C - D - Tip
130	Base - C - D - Tip		240	115	88-0	11.75	to 15.5	Base - A - C - D - D - D - Tip
140	Base - A - C - D - Tip	A-10	250	125	98-0	12.25	to 16.0	Base - B - C - D - D - D - Tip
150	Base - B - C - D - Tip	B-20						
160	Base - A - B - C - D - Tip	C-30						
170	Base - B - D - D - Tip							
180	Base - C - D - D - Tip							
190	Base - A - C - D - D - Tip	D-50						
200	Base - B - C - D - D - Tip	Tip-25						

*When erecting boom, adjust mid-point turnbuckles to limit mid-point deflection within specified mid-point deflection range.

35 FT. TIP SECTION								
BOOM LENGTH FT.	BOOM MAKE-UP ARRANGEMENT CHART	APPROX. INSERT LENGTHS	BOOM LENGTH FT.	APPROXIMATE MID-POINT CONNECTION UP BOOM FROM BOOM FOOT PIN				
				ADJUST 908T116 MID-POINT ROPE LENGTH Q_1 TO Q_2 PIN, TO				
				FT. IN.	INCHES	*MID-POINT DEFLECTION RANGE (MIN. and MAX.)		
100	Base - A - C - Tip	Base-25	210	105	78-5	10.5	to 13.5	Base - D - C - B - D - Tip
110	Base - B - C - Tip		220	105	78-5	10.75	to 14.25	Base - A - B - D - C - D - Tip
120	Base - A - B - C - Tip		230	125	98-2	11.5	to 15.0	Base - D - D - B - D - Tip
130	Base - B - D - Tip		240	125	98-2	11.75	to 15.5	Base - D - D - C - D - Tip
140	Base - C - D - Tip	A-10	250	115	88-5	12.25	to 16.0	Base - A - C - D - D - D - Tip
150	Base - A - C - D - Tip	B-20	260	125	98-2	13.0	to 17.0	Base - B - C - D - D - D - Tip
160	Base - B - C - D - Tip	C-30	270	135	108-2	13.5	to 17.5	Base - A - B - C - D - D - D - Tip
170	Base - A - B - C - D - Tip							
180	Base - B - D - D - Tip							
190	Base - C - D - D - Tip	D-50						
200	Base - A - C - D - D - Tip	Tip-35						

*When erecting boom, adjust mid-point turnbuckles to limit mid-point deflection within specified mid-point deflection range.

**HOOK BLOCKS:**

Block Capacity	Number Sheaves	Cable Size	Cable to Sheave Ratio	Miller Block Weight	Johnson Block Weight
30,000 lb. (13,608 kg)	1	1"	16.5 to 1	555 lb. (251.4 kg)	580 lb. (263 kg)
30,000 lb. (13,608 kg)	—	—	—	594 lb. (269.1 kg)	740 lb. (335.7 kg)
60,000 lb. (27,180 kg)	1	1"	16.5 to 1	575 lb. (260.5 kg)	606 lb. (274.9 kg)
90,000 lb. (40,770 kg)	1	1"	18.375 to 1	790 lb. (357.9 kg)	911 lb. (413.2 kg)
140,000 lb. (63,420 kg)	2	1"	21.5 to 1	1745 lb. (790.5 kg)	1700 lb. (771 kg)
200,000 lb. (90,600 kg)	3	1"	19.22 to 1	2530 lb. (1146.1 kg)	2644 lb. (1199.3 kg)
250,000 lb. (113,250 kg)	4	1"	21.5 to 1	2938 lb. (1330.9 kg)	3050 lb. (1383.5 kg)
280,000 lb. (126,840 kg)	5	1"	21.5 to 1	3250 lb. (1472.3 kg)	3474 lb. (1575.8 kg)

WEIGHTS:

Total — Complete machine less cable and boom — 158,420 lb.
(71,859 kg)

Carrier — Including turret, hydraulic outriggers, floats, roller circle and standard tires — 66,200 lbs. (30,028 kg).

Upper machine — Including counterweight and gantry.
92,220 lb. (41,831 kg)

Mast — 1989 lb. (901 kg)

Gantry — 3321 lb. (1504 kg)

Upper — Underslung counterweight — 41000 lb. (18573 kg)

Upper — Bustle counterweight — 21000 lbs. (9513 kg)

Boom:

Base — 3114 lb. (1413 kg)

Inserts — 10 ft. — 845 lb. (368 kg)

20 ft. — 1290 lb. (561 kg)

30 ft. — 1660 lb. (722 kg)

50 ft. — 2680 lb. (1166 kg)

Tip — 4124 lb. (1794 kg)

Jib:

Base — 365 lb. (165.3 kg)

Inserts — 10 ft. (3.0 m) — 213 lb. (96.5 kg)

20 ft. (6.1 m) — 373 lb. (169 kg)

30 ft. (9.1 m) — 515 lb. (233.3 kg)

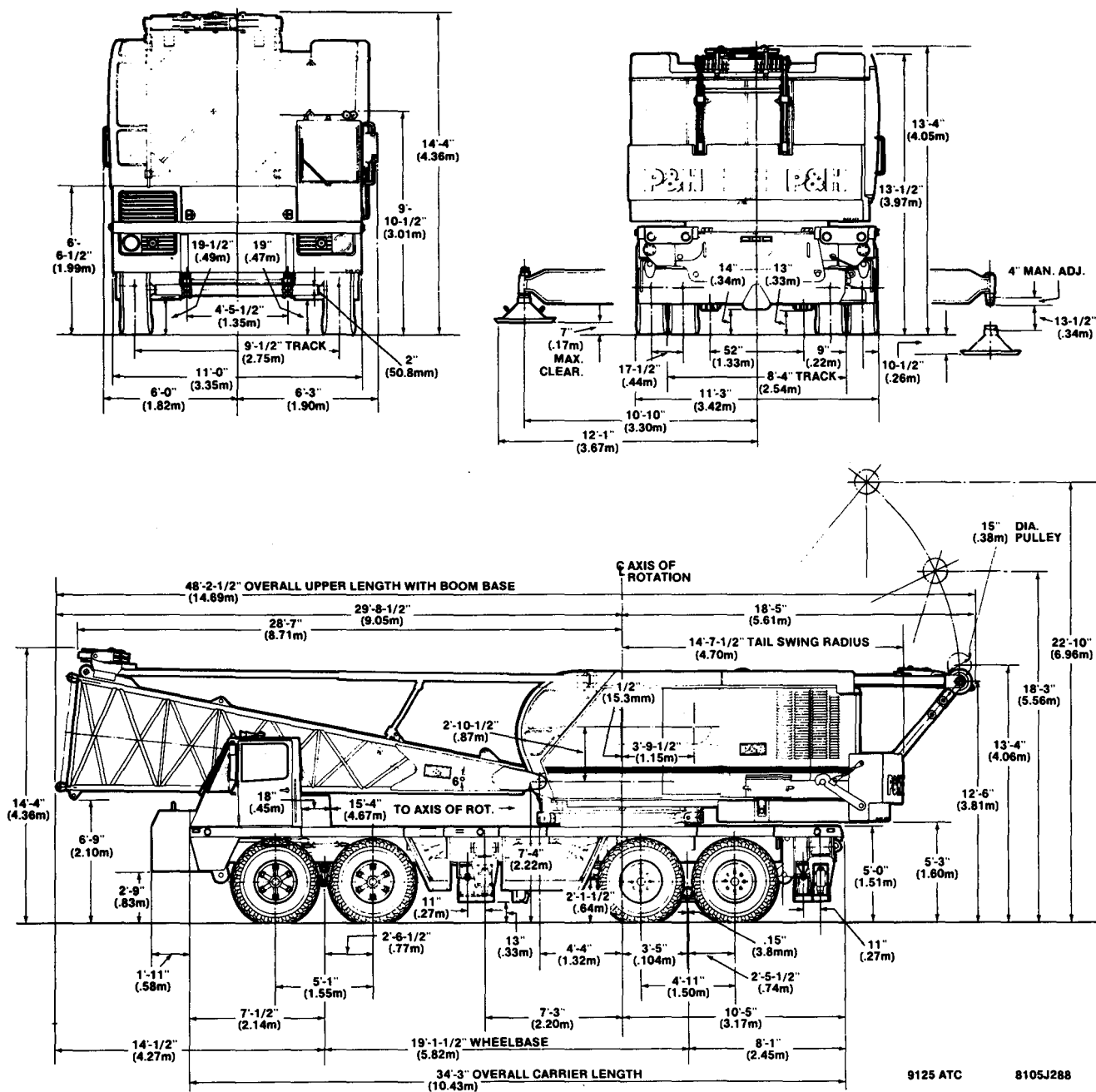
Tip — 510 lb. (231 kg)

PERFORMANCE:

(Based on Cummins NTC(A)-350 Engine)

ON HIGHWAY: 15 forward speeds, 3 reverse speeds. Performance in highest and lowest gear based on engine @ full load RPM and 120,000# (54432 kg) GVW (class I, good surface road). (Rockwell Axles). Lowest Gear: 3.8 MPH (6.1 km/h) to 21.8 percent grade. Highest Gear: 41.3 MPH (66.5 km/h) to 0.6 percent grade.

OFF HIGHWAY: 5 forward speeds, 1 reverse speed. Performance in lowest gear ratio based on engine @ max. torque RPM and 120,000# (54432 kg) GVW (class II road). (Rockwell Axles). 1.2 MPH (1.7 FPS) (1.9 km/h) to 30.0 percent grade.



NOTE: All designs, specifications and components of the equipment described above are subject to change at the manufacturer's sole discretion at any time without advance notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the machine for any particular purpose as performance may vary with the conditions encountered. The only warranty applicable is our standard written warranty for this machine. Manufactured and sold in conformance with U. S. Department of Commerce Commercial Standard CS-90-58.

Address inquiries to:

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