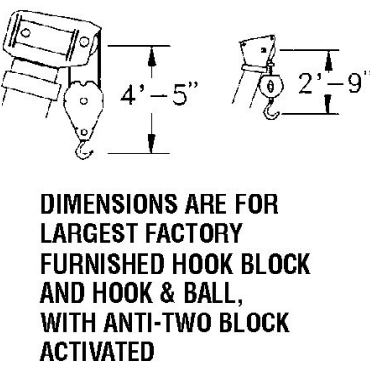


LIFTING CHARTS - Hydraulic Truck Cranes

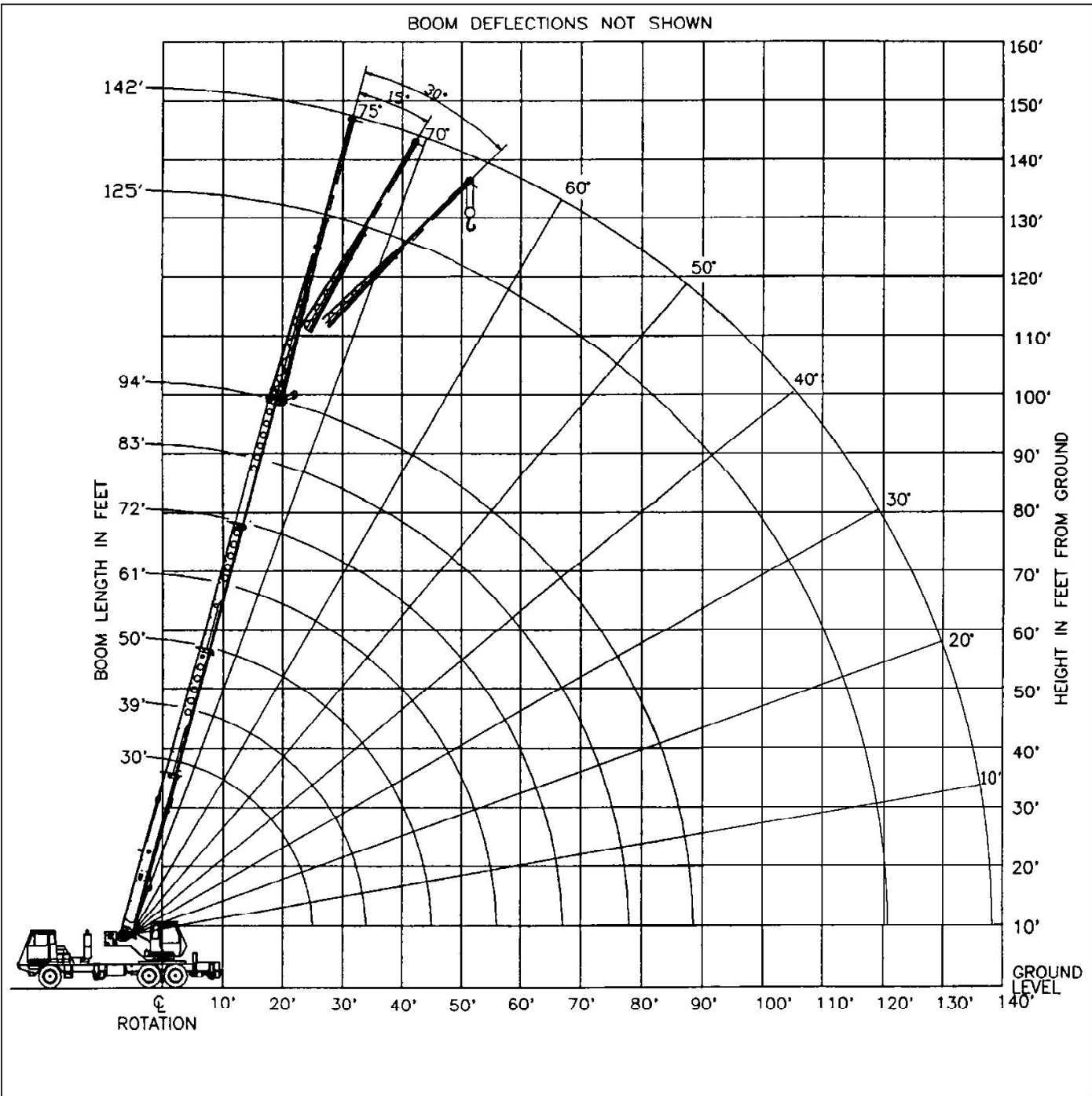
TEREX MODEL T 340 - 40 TON CAPACITY



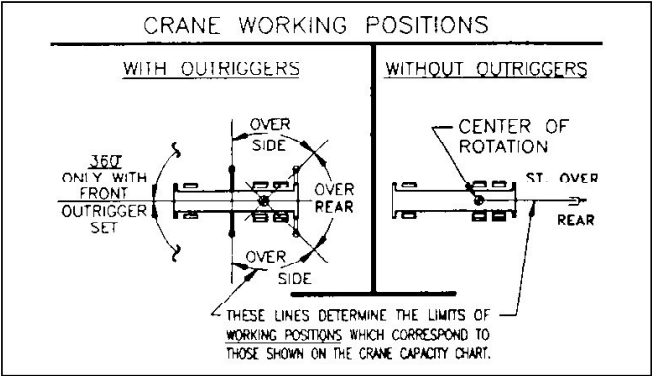
range diagram & lifting capacities



Range Diagram
(30' - 94' boom)



CRANE WORKING CONDITIONS



REDUCTION IN MAIN BOOM CAPACITY

All Jibs in Stowed Position	0 Lbs.
Aux. Boom in Head Sheave	100 Lbs.

HOOK BLOCK WEIGHTS

Hook & Ball	239 Lbs.
25T Hook Block (2 Sheave)	682 Lbs.
30T Hook Block (3 Sheave)	670 Lbs.
40T Hook Block (4 Sheave)	690 Lbs.

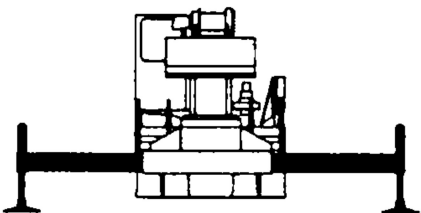
Lifting Capacities – Pounds
(30’– 94’ boom and heavy-lift package)

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

COUNTERWEIGHT:	BOOM LENGTH 30-94 FT.
F. BUMPER 1850 LBS.	STABILITY PERCENTAGE
UPPERSTRUCTURE:	ON OUTRIGGERS 85%
W/AUX. WINCH 6100 LBS.	ON TIRES 75%
W/O AUX. WINCH 7200 LBS.	PCSA CLASS 9-118

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 30 FT			BOOM LENGTH 39 FT			BOOM LENGTH 50 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	
9	65.1	80,000*	80,000*							9
10	63.0	70,100*	70,100*	69.4	46,600*	46,600*				10
12	58.5	61,000*	61,000*	66.2	46,600*	46,600*	71.7	46,600*	46,600*	12
15	51.4	49,400*	49,400*	61.2	46,600*	46,600*	68.0	44,300*	44,300*	15
20	37.4	35,300*	35,300*	52.3	36,100*	36,100*	61.6	36,600*	36,600*	20
25	13.7	26,700*	26,700*	42.0	27,600*	27,600*	54.8	28,100*	28,100*	25
30	**			28.8	21,900*	19,900	47.3	22,400*	20,400	30
35				**			38.7	17,900	15,300	35
40							27.9	14,300	11,800	40
45							7.9	11,500	9,300	45
50							**			50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90



USE THESE CHARTS ONLY
WHEN ALL OUTRIGGERS
ARE FULLY EXTENDED

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 61 FT			BOOM LENGTH 72 FT			BOOM LENGTH 83 FT			BOOM LENGTH 94 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	
9													9
10													10
12													12
15	72.1	38,100*	38,100*										15
20	67.1	33,000*	33,000*	70.8	27,400*	27,400*							20
25	61.9	27,900*	27,900*	66.5	23,100*	23,100*	69.8	21,800*	21,800*	72.2	17,500*	17,500*	25
30	56.3	22,800*	20,700	62.0	19,900*	19,900*	66.0	18,300*	18,300*	69.0	15,000*	15,000*	30
35	50.4	18,200	15,600	57.4	17,400*	15,800	62.2	15,900*	15,900*	65.7	13,100*	13,100*	35
40	43.9	14,600	12,200	52.5	14,700	12,300	58.1	13,800*	12,500	62.2	11,500*	11,500*	40
45	36.5	11,900	9,700	47.2	12,100	9,900	53.9	12,100*	10,000	58.7	10,100*	10,100	45
50	27.3	9,900	7,800	41.4	10,100	8,000	49.5	10,200	8,200	55.1	9,000*	8,300	50
55	13.0	8,200	6,400	34.8	8,500	6,600	44.7	8,600	6,700	51.2	8,200*	6,800	55
60	**			26.9	7,200	5,400	39.5	7,300	5,600	47.2	7,300*	5,700	60
65				15.5	6,100	4,500	33.6	6,300	4,600	42.8	6,300	4,700	65
70				**			26.6	5,400	3,800	38.0	5,500	4,000	70
75							17.0	4,600	3,200	32.7	4,700	3,300	75
80							**			26.4	4,000	2,700	80
85										18.1	3,400	2,200	85
90										**			90

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 30 FT			BOOM LENGTH 39 FT			BOOM LENGTH 50 FT			BOOM LENGTH 61 FT			BOOM LENGTH 72 FT			BOOM LENGTH 83 FT			BOOM LENGTH 94 FT		
LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	OVER REAR (LB)	360° (LB)
25.6	25,700	25,700	34.3	17,700	15,100	45.3	11,300	9,100	56.3	7,800	6,000	67.3	5,600	4,000	78.3	4,000	2,700	89.3	2,900	1,800

Lifting Capacities – Pounds
(30’– 94’ boom and heavy-lift package)

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

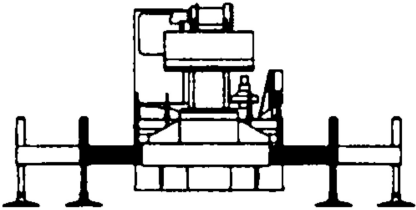
COUNTERWEIGHT:	BOOM LENGTH 30-94 FT.
F. BUMPER 1850 LBS.	STABILITY PERCENTAGE
UPPERSTRUCTURE:	ON OUTRIGGERS 85%
W/AUX. WINCH 6100 LBS.	ON TIRES 75%
W/O AUX. WINCH 7200 LBS.	PCSA CLASS 9-118

ON OUTRIGGERS - MID POSITION

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT		LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	
9	65.1	77,900*													9
10	63.0	70,000*	69.4	46,600*											10
12	58.5	57,800*	66.2	46,600*	71.7	46,600*									12
15	51.4	37,100	61.2	37,900	68.0	38,500	72.1	38,100*							15
20	37.4	20,700	52.3	21,400	61.6	21,900	67.1	22,200	70.8	22,400					20
25	13.7	13,000	42.0	14,000	54.8	14,400	61.9	14,700	66.5	14,900	69.8	15,000	72.2	15,100	25
30	**		28.8	9,700	47.3	10,200	56.3	10,500	62.0	10,600	66.0	10,800	69.0	10,800	30
35			**		38.7	7,400	50.4	7,700	57.4	7,900	62.2	8,000	65.7	8,100	35
40					27.9	5,500	43.9	5,800	52.5	6,000	58.1	6,100	62.2	6,200	40
45					7.9	3,900	36.5	4,400	47.2	4,500	53.9	4,700	58.7	4,700	45
50					**		27.3	3,200	41.4	3,400	49.5	3,600	55.1	3,600	50
55							13.0	2,300	34.8	2,600	44.7	2,700	51.2	2,800	55
60									26.9	1,800	39.5	2,000	47.2	2,100	60

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT	
LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)
25.6	12,200	34.3	7,000	45.3	3,800	56.3	2,000						



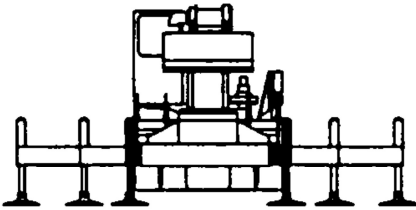
USE THESE CHARTS
ONLY WHEN ALL
OUTRIGGERS ARE PINNED
IN MID POSITION

ON OUTRIGGERS - RETRACTED

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT		LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	
9	65.1	35,300													9
10	63.0	28,700	69.4	29,400											10
12	58.5	20,500	66.2	21,100	71.7	21,600									12
15	51.4	13,600	61.2	14,200	68.0	14,600	72.1	14,800							15
20	37.4	7,500	52.3	8,200	61.6	8,600	67.1	8,900	70.8	9,000					20
25	13.7	4,100	42.0	5,000	54.8	5,500	61.9	5,700	66.5	5,900	69.8	6,000	72.2	6,100	25
30	**		28.8	2,900	47.3	3,500	56.3	3,700	62.0	3,900	66.0	4,000	69.0	4,100	30
35					38.7	2,100	50.4	2,400	57.4	2,600	62.2	2,700	65.7	2,700	35

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT	
LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)
25.6	3,600												



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

Lifting Capacities – Pounds

(30’– 94’ boom and heavy-lift package)

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

COUNTERWEIGHT:
F. BUMPER 1850 LBS.
UPPERSTRUCTURE:
W/AUX. WINCH 6100 LBS.
W/O AUX. WINCH 7200 LBS.

BOOM LENGTH 30-94 FT.
STABILITY PERCENTAGE
ON OUTRIGGERS 85%
ON TIRES 75%
PCSA CLASS 9-118

SIDE STOW JIB ON FULLY EXTENDED OUTRIGGERS

LOADED BOOM ANGLE (DEG)	32 FT OFFSETTABLE JIB									49 FT OFFSETTABLE JIB									LOADED BOOM ANGLE (DEG)
	0° OFFSET			15° OFFSET			30° OFFSET			0° OFFSET			15° OFFSET			30° OFFSET			
	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	LOAD RADIUS (REF) (FT)	REAR ONLY (LB)	360° (LB)	
75	38	9,100*	9,100*	46	7,700*	7,700*	52	5,900*	5,900*	41	5,100*	5,100*	55	3,400*	3,400*	62	2,700*	2,700*	75
73	42	8,600*	8,600*	49	7,300*	7,300*	55	5,800*	5,800*	47	4,800*	4,800*	59	3,300*	3,300*	68	2,700*	2,700*	73
71	45	8,200*	8,200*	52	7,000*	7,000*	58	5,600*	5,600*	52	4,500*	4,500*	64	3,200*	3,200*	73	2,600*	2,600*	71
68	50	7,800*	7,400	58	6,200*	6,200*	63	5,100*	5,100*	60	4,100*	4,100*	70	3,000*	3,000*	79	2,500*	2,500*	68
65	56	6,700*	6,300	63	5,500*	5,500*	68	4,600*	4,600*	66	3,800*	3,800*	76	2,900*	2,900*	84	2,500*	2,500*	65
62	61	5,900*	5,000	68	4,900*	4,700	73	4,200*	4,200*	71	3,600*	3,600*	81	2,800*	2,800*	88	2,400*	2,400*	62
59	66	5,200*	4,100	73	4,400*	4,000	77	3,800*	3,800*	77	3,400*	3,400*	86	2,700*	2,700*	93	2,400*	2,400	59
55	73	4,400*	3,500	79	3,900*	3,300	83	3,400*	3,100	84	3,100*	3,000	93	2,600*	2,400	99	2,300*	2,300	55
51	79	3,800*	2,900	85	3,400*	2,600	88	3,100*	2,500	91	2,900*	2,400	99	2,500*	2,000	105	2,300*	2,000	51
47	86	3,300*	2,300	91	2,900*	2,100	94	2,800*	2,100	100	2,800*	1,900	106	2,400*	1,600	110	2,200*	1,600	47
43	92	2,900*	1,900	97	2,700*	1,700	99	2,500*	1,700	109	2,400*	1,500	112	2,100	1,300	116	2,000*	1,300	43
38	100	2,400*	1,400	103	2,300*	1,300	105	2,200*	1,300	116	2,000	1,000	119	1,800	1,000	122	1,800*	1,000	38
32	106	2,000	900	109	1,900	900	110	1,900*	900	122	1,600	700	126	1,500	600	127	1,500	600	32
25	113	1,600		114	1,600					129	1,300		131	1,200					25
17	118	1,200		118	1,200					133	1,000		135	1,000					17

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

ON TIRES

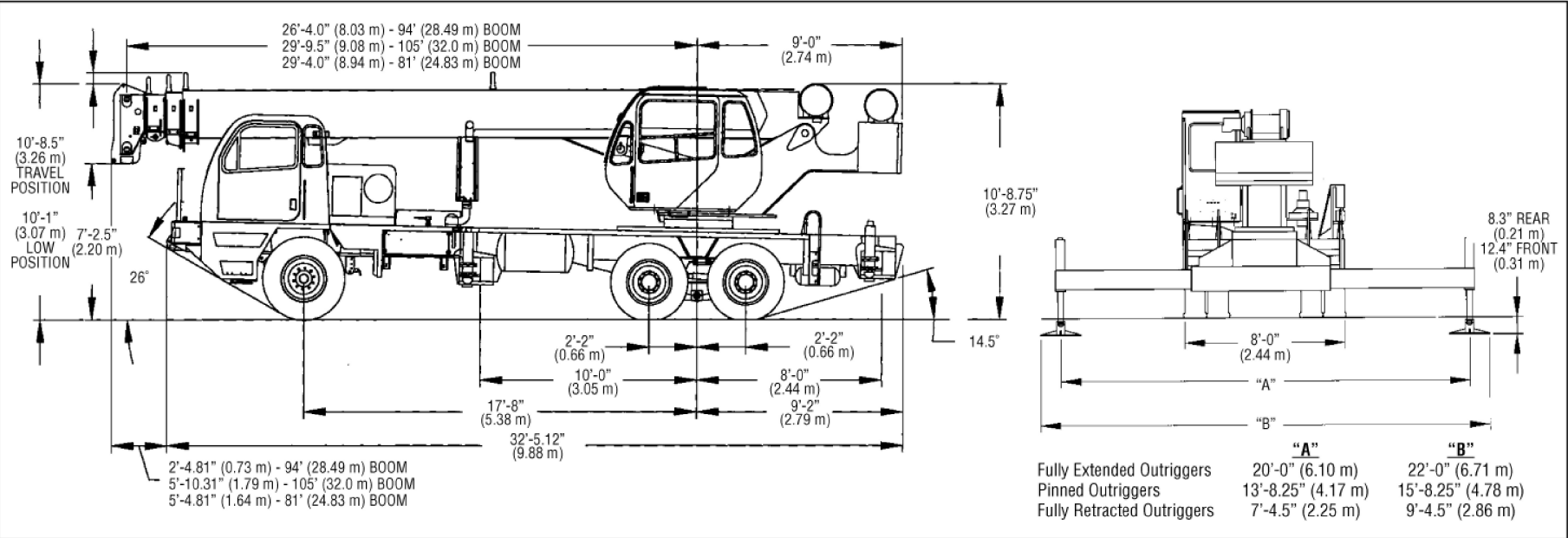
RADIUS (FT)	MAX BOOM LENGTH (FT)	BOOM STRAIGHT OVER REAR 0 TO 2 1/2 MPH
10	30	19,200
12	30	15,800
15	39	12,100
20	39	7,600
25	50	5,100
30	50	3,600
35	50	2,600
40	50	1,700

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

MAXIMUM PERMISSIBLE HOIST LINE LOAD

LINE PARTS	1	2	3	4	5	6	7	8	9	10
MAX. LOAD	9,080	18,160	27,240	36,320	45,400	54,480	63,560	72,640	81,720	90,800
BOOM HEAD	2	3-D	2-3	1-4-D	2-3-4	2-3-4-D	1-2-3-4	1-2-3-4-D	1-2-3-4-5	1-2-3-4-5-D
HOOK BLOCK	D	3	3-D	1-4	2-3-D	2-3-4	2-3-4-D	1-2-3-4	1-2-3-4-D	1-2-3-4-5
	WIRE ROPE: 5/8" ROTATION RESISTANT COMPACTED STRAND, 18X19 OR 19X19 MINIMUM BREAKING STRENGTH - 22.7 TONS 5/8" 6X19 OR 6X37 IWRC IPS PREFORMED RIGHT REGULAR LAY MINIMUM BREAKING STRENGTH - 17.9 TONS									

GENERAL DIMENSIONS



WEIGHTS & AXLE LOADS	GROSS WEIGHT LBS.	UPPER IN TRAVEL POSITION		GROSS WEIGHT KG.	UPPER IN TRAVEL POSITION	
		FRONT	REAR		FRONT	REAR
T 300 Crane with ISC 300 Engine, 94' (28.49 m) Boom, 2,000 + 500 lb. (1633 + 227 kg) Cwt., 1/4 Tank of Fuel, 425/65R22.5-20 PR Front and 11R22.5-14 PR Rear Tires, Aluminum Disc Wheels, and 200 lb. (90.7 kg) Operator in Cab.	47,101	16,576	30,525	21 365	7519	13 846
T 340XL Crane with ISC 300 Engine, 105' (32.0 m) Boom, 11,000 + 1,850 lb. (4990 + 227 kg) Cwt., 1/4 Tank of Fuel, 425/65R22.5-20 PR Front and 11R22.5-14 PR Rear Tires, Aluminum Disc Wheels, and 200 lb. (90.7 kg) Operator in Cab.	60,053	16,515	43,528	27 240	7491	19 749
Add Options:						
32' (9.68 m) Swing-on Jib on 94' (28.49 m) Boom	+ 1,368	+ 797	+ 571	+ 620	+ 362	+ 258
32' (9.68 m) Swing-on Jib on 81' (24.83 m) Boom	+ 1,368	+ 1,030	+ 338	+ 620	+ 467	+ 153
32' (9.68 m) Swing-on Jib on 105' (32.00 m) Boom	+ 1,368	+ 1,117	+ 251	+ 620	+ 507	+ 113
32'-49' (9.68-14.86 m) Swing on Jib on 94' (28.49 m) Boom	+ 1,789	+ 1,004	+ 785	+ 811	+ 455	+ 356
32'-49' (9.68-14.86 m) Swing on Jib on 81' (28.49 m) Boom	+ 1,789	+ 1,307	+ 482	+ 811	+ 593	+ 218
32'-49' (9.68-14.86 m) Swing on Jib on 105' (32.00 m) Boom	+ 1,789	+ 1,343	+ 446	+ 811	+ 609	+ 202
Auxiliary Boom Head on 94' (28.49 m) Boom	+ 100	+ 154	- 54	+ 45	+ 70	- 25
Auxiliary Boom Head on 81' (24.83 m) Boom	+ 100	+ 167	- 67	+ 45	+ 89	- 44
Auxiliary Boom Head on 105' (32.00 m) Boom	+ 100	+ 170	- 70	+ 45	+ 77	- 32
Full Tank of Fuel	+ 315	+ 120	+ 195	+ 142	+ 54	+ 88
Auxiliary Winch W/Drum Roller and Wire Rope	+ 175	- 73	+ 248	+ 79	- 112	+ 191
Heater/Defroster (Upper)	+ 60	- 5	+ 65	+ 27	- 2	+ 25
Work Lights	+ 35	+ 5	+ 30	+ 16	+ 2	+ 18
Sling Box Installed on Left Side of Carrier	+ 87	+ 62	+ 25	+ 40	+ 28	+ 12
Sling Box Installed on Right Side of Carrier	+ 87	+ 31	+ 56	+ 40	+ 14	+ 26
Pintle Hook (Rear)	+ 50	- 26	+ 76	+ 23	+ 12	+ 34
Electric Remote Control	+ 200	+ 100	+ 100	+ 91	+ 45	+ 45
40 ton (36.3 mt) Quick Reeving Hook Block (On Bumper – 4 Sheave)	+ 690	+ 973	- 283	+ 313	+ 441	- 128
7 ton (6.3 mt) Hook and Ball (At boom rack)	+ 240	+ 145	+ 95	+ 109	+ 66	+ 43
Substitute:						
33-81' (10.15-24.83m) Boom w/3,100 lb (1,406 kg) Upper Cwt. & 500 lb (227 kg) F. Bumper	- 640	- 630	- 10	- 290	- 286	- 4
7,200 lb Upper Cwt w/1,850 F. Bumper (94' Boom)	+ 6,636	- 619	+7,255	+ 3010	- 281	+ 3291
7,200 lb Upper Cwt w/1,850 F. Bumper (81' Boom)	+ 5,450	- 121	+5,571	+ 2472	- 55	+ 2527
Aux. Winch W/Drum Roller for Heavy Cwt. (above)	+ 5	+ 5	+ 0	+ 2	+ 2	0
Metallic Boom Head Sheaves	+ 120	+ 196	- 32	+ 54	+ 89	- 35
Front Air Suspension	+ 100	+ 94	+ 6	+ 46	+ 43	+ 3
Rear Air Suspension	+ 344	0	+ 344	+ 156	0	+ 156
Spin Resistant Wire Rope (per winch)	+ 32	- 12	+ 44	+ 14	- 6	+ 20
Automatic Transmission w/2-speed axles	+ 15	0	+ 15	+ 7	0	+ 7
Automatic Transmission w/2-speed aux. trans. & 2-speed axles	+ 510	+ 300	+ 210	+ 231	+ 136	+ 95

NOTE: Weights are for Terex supplied equipment and subject to 2% variation due to manufacturing tolerances.