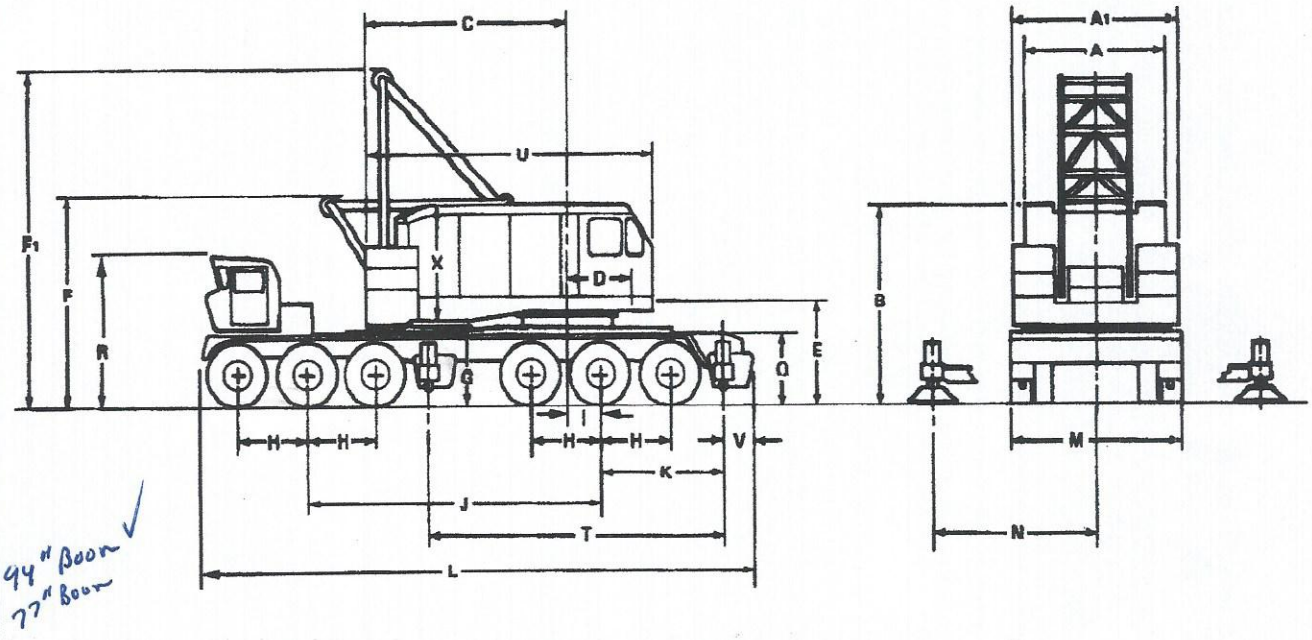
AMERICAN®

Model 9490

TRUCK CRANE

PRELIMINARY
GENERAL SPECIFICATIONS

AMERICAN MODEL 9490 TRUCK CRANE
CARRIER SPECIFICATIONS



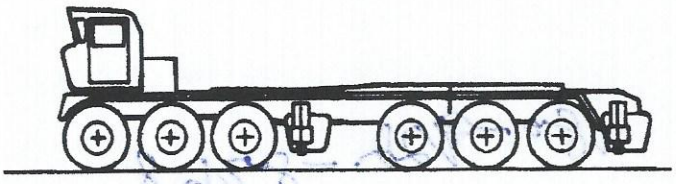
94" Boom ✓
77" Boom

GENERAL DIMENSIONS

A_1.	Width of Counterweight	13'2"
A.	Width of Cab	11'0"
B.	Height to Top of Cab	15'4-7/16"
C.	Tail Swing	17'0"
D.	Centerline of Rotation to Centerline of Boom Foot	5'0-3/4"
E.	Ground to Centerline of Boom Foot	8'6-7/16"
F.	Height Over A-Frame (Lowered)	15'10-15/16"
F_1.	Height Over A-Frame (Raised)	31'
G.	Ground to Bottom of Counterweight	6'2-11/16"
H.	Distance Between Axles	5'4"
I.	Centerline of Rotation to Centerline of Rear Bogie	2'8"
J.	Wheel Base	25'0"
K.	Centerline Rear Bogie to Centerline of Rear Outrigger	10'1"
L.	Overall Length of Carrier	46'6"
M.	Overall Width of Carrier	13'0"
N.	Centerline of Carrier to Centerline of Outrigger	12'0"
Q.	Top of Mounting Plate to Ground	5'10"
R.	Top of Carrier Cab to Ground	11'1"
T.	Centerline Front Rigger to Centerline Rear Outrigger	25'0"
U.	Rear of Counterweight to Front of Cab	23'
V.	Centerline of Rear Outrigger to End of Carrier	1'7-1/2"
X.	Bottom of Machinery Deck to Top of Cab	9'6-1/4"

Turning Radius	72'9"
Clearance Under Raised Outrigger Float	9"
Clearance Under Equalizer Beam	12"

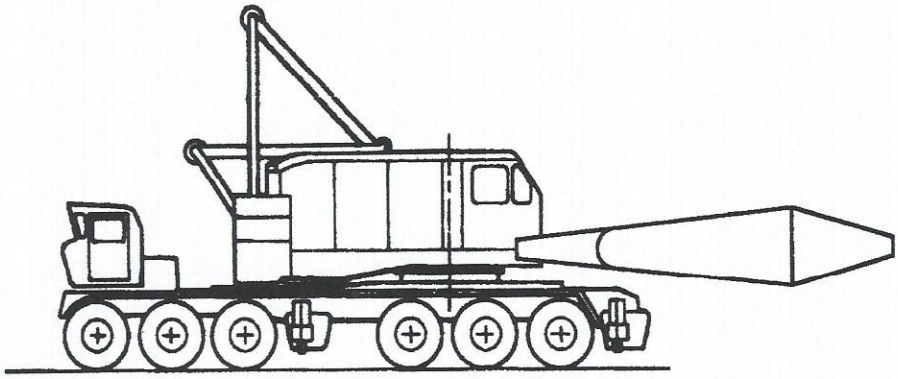
PRELIMINARY
9490 TRAVELING WEIGHTS
IN POUNDS (KILOGRAMS)



X=IN PLACE
0=REMOVED

9490 CARRIER ONLY

FRONT O/R	REAR O/R	FRONT TANDEM Lbs.	FRONT TANDEM Kgs.	REAR TANDEM Lbs.	REAR TANDEM Kgs.	GROSS WEIGHT Lbs	GROSS WEIGHT Kgs.
0	0	42,347	19,209	56,847	25,786	99,194	44,994
X	0	52,463	23,797	63,681	28,886	116,144	52,683
0	X	34,440	15,622	84,364	38,267	118,804	53,889
X	X	44,556	20,211	91,198	41,367	135,754	61,578

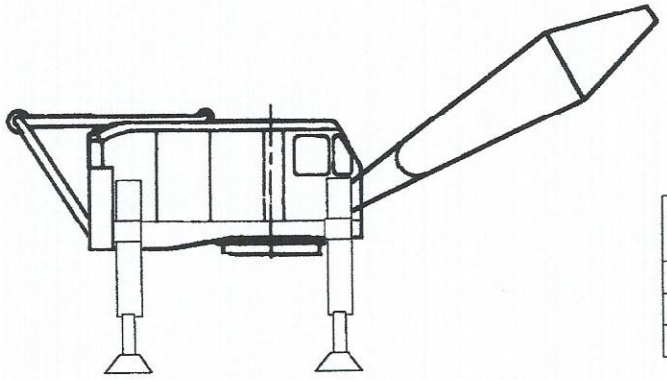


X=IN PLACE; 0=REMOVED

CARRIER & UPPER

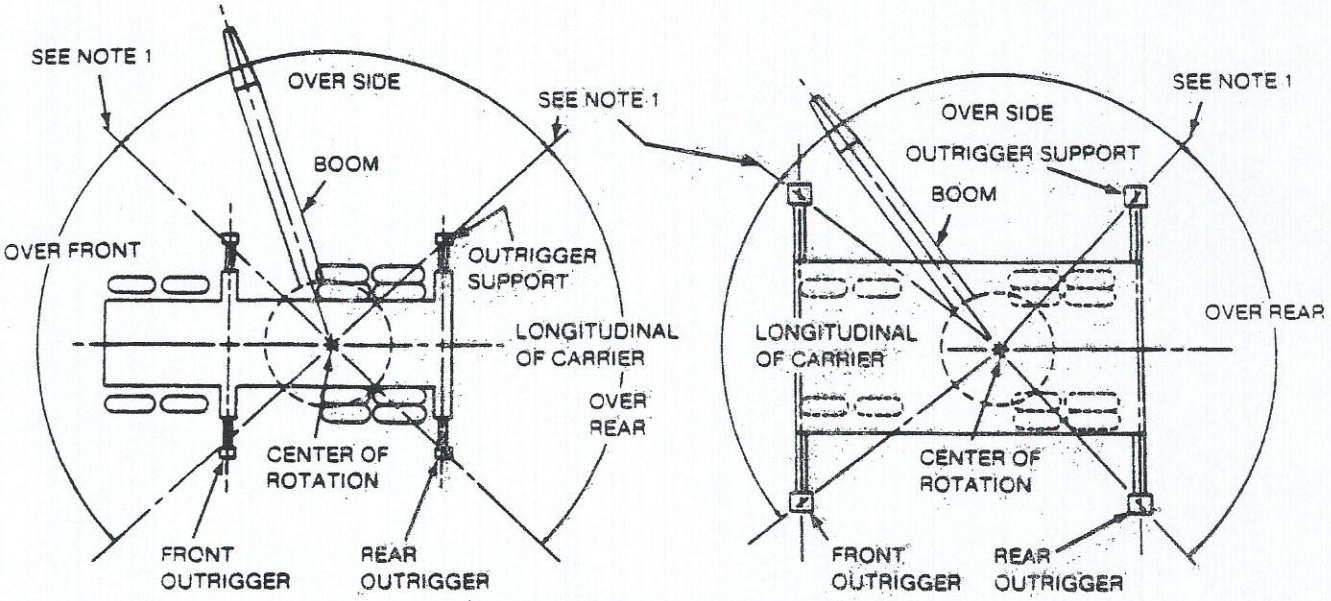
BOOM REARWARD

OUTER BOOM	INNER BOOM	CTWT	FRONT O/R	REAR O/R	FRONT TANDEM Lbs.	FRONT TANDEM Kgs.	REAR TANDEM Lbs.	REAR TANDEM Kgs.	GROSS WEIGHT Lbs	GROSS WEIGHT Kgs.
X	X	X	X	X	151,301	68,630	263,907	119,708	415,208	188,338
Carrier + Upper only					72,542	32,905	147,046	66,700	219,588	99,605



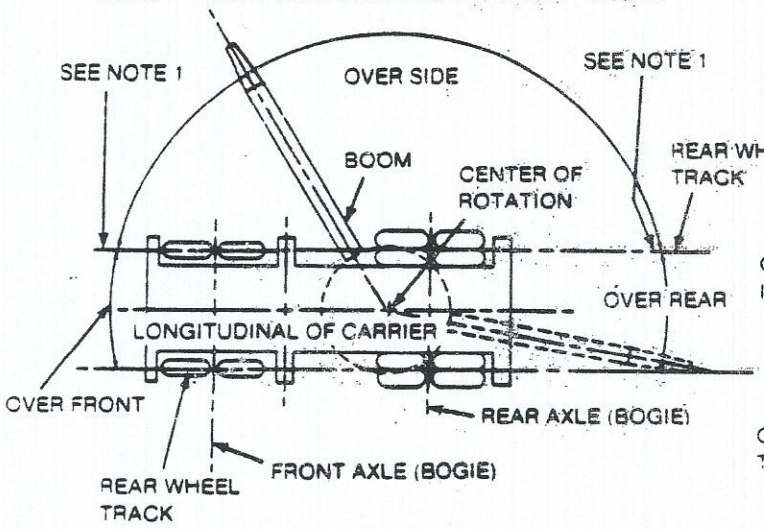
UPPER ONLY

OUTER BOOM	INNER BOOM	GROSS WEIGHT Lbs.	GROSS WEIGHT Kgs.
0	0	120,394	54,611
0	X	129,454	58,720
X	X	139,454	63,256



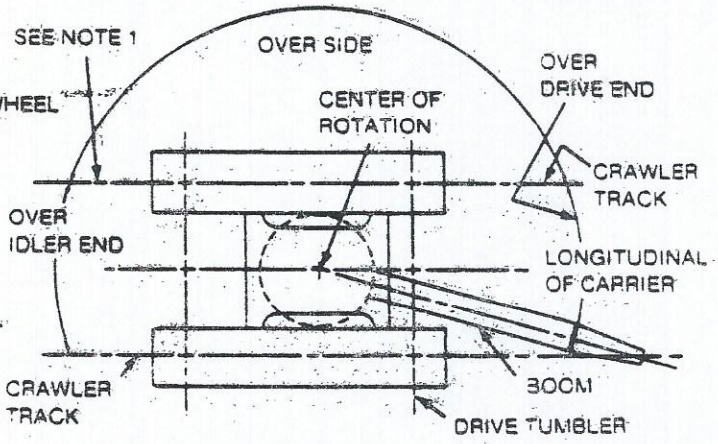
CARRIERS ON OUTRIGGERS

CASE 1 - FRONT OUTRIGGER BEHIND FRONT WHEELS



CARRIER ON TIRES

CASE 2 - FRONT OUTRIGGER AHEAD OF FRONT WHEELS



CRAWLER TYPE LOWER

WORKING AREA DEFINITIONS

NOTE 1
These lines determine the limiting position of any load for operation within working areas indicated.

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