D85i
HYDRAULIC CRANE
8.5 U.S. TON
CRANE RATING MANUAL
3232Z465

TEREX CRANES, INC.
PO BOX 260002
CONWAY, SC 29526

3232Z466-A

TEREX

D85i

CAUTION

IMPROPER CRANE USE, CARE OR OPERATION CAN CAUSE INJURY, DEATH OR PROPERTY DAMAGE.
DO NOT OPERATE THIS MACHINE UNLESS YOU HAVE READ AND UNDERSTAND THE OPERATOR'S MANUAL, SAFE OPERATING PRACTICES BOOKLET AND RATING PLATE.

COPIES OF OPERATOR'S MANUALS AMD SAFE OPERATING PRACTICES BOOKLET MAY BE OBTAINED FROM:

TEREX CRANES, INC.
PO BOX 260002
CONWAY, SOUTH CAROLINA 29526

NOTICE
WRITTEN AUTHORIZATION IS REQUIRED FROM TEREX CRANES, INC. PRIOR TO THE USE OF ANY ATTACHMENT NOT SPECIFIED IN THE MANUAL

ALL LISTED PAGES MUST BE IN THIS BOOK 3232Z465_A
GREER LMI - TABLE OF CONTENTS

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DEFINITIONS

RATED LIFTED CAPACITY:

The total suspended load, including the weight of material equipment, that the machine can safely lift under ideal conditions at a given boom length, boom angle and load radius.

LOAD RADIUS:

The horizontal distance measured between the center of rotation and the hoist load line or tackle with load applied.

LOADED BOOM ANGLE:

The angle between the longitudinal centerline of the boom base section and the horizontal after lifting the rated load radius.

BOOM POINT ELEVATION:
The vertical distance measured between the ground and the boom point sheave.

FREELY SUSPENDED LOAD:
Lifted load hanging free with no direct external force applied except by the hoist line.

SIDE LOAD:
Horizontal force applied to the lifted load either on the ground or in the air.

WORK AREAS:
Area measured in a circular arc about the center line of rotation as shown in the area of operation diagram.

FULLY EXTENDED OUTRIGGERS:
All outrigger beams extended to the maximum spread, and with all floats down and set.

MID POSITION OUTRIGGERS:
All outrigger beams extended fully to the mid position positive stops and with all floats down and set.

RETRACTED OUTRIGGERS
All outrigger beams not extended and all floats down and set.

WARNINGS

This machine meets the requirements of ANSI B30.5, PCSA #4 -- Machine stability has been tested per SAE J -- 765. Upper, lower, boom and jib structures have been tested per SAE J-1063. This machine also conforms to the requirements of the occupational Safety and Health Administration (OSHA), United States Department of Labor, in effect at the time of manufacture.

Cranes lifting capacities shown are for this machine as originally manufactured and equipped by TEREX CRANES INC. The lifting capabilities only apply when all the instructions in this book are rigidly followed. Modifications to this machine or use of equipment other than specified can result in a reduction of capacity.

If improperly operated or maintained, this machine can be hazardous. Operation and maintenance of this machine must be in compliance with the information in the operators, shop, parts and safety manuals furnished. If these manuals are missing, obtain replacements through TEREX CRANES, INC. CONWAY, SC 29526, U.S.A. (843) 349-6900.

Reduced crane lifting capacities for the particular job shall be established by the user with due allowance for adverse operating conditions. These conditions include the supporting surface, pendulum action of the load, jerking or sudden stops of load and other factors affecting stability, two machine lifts, electrical wires, adverse weather, wind, hazardous surroundings, experience of personnel, etc...

Crane lifting capacities are based on freely suspended loads with the machine leveled and standing on a firm uniform supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger float to distribute the float load and insure that ground bearing capacity of supporting surface is not exceeded. No attempt shall be made to move a load horizontally on the ground in any direction.

Side loading of the machine and load swing out may cause structural failure or machine tip-over. Side loads may be generated by: lifting when not level; swinging when not level; dragging a load; sudden accelerating or deceleration in swinging; wind forces on load and boom structure; pushing a load.

Loaded boom angles at specified boom lengths give only an approximation of operating radius. The boom angle before loading should be greater to account for boom deflection s the load is lifted from the ground.

Rated lifting capacities are based on correct reeving. Deduction must be made for excessive reeving. Any reeving over minimum required (see wire rope strength table) is considered excessive and must be accounted for. Use working range diagram to estimate the extra feet of rope then deduct 0.6 pounds (0.08 Kg) for each extra foot (meter) of wire rope before attempting to lift a load.

Positioning or operation at radii or boom lengths beyond the maximum or minimum shown, is neither intended nor approved.

When radius is between values listed, the rated lifting capacity at the next radius shall be used.

It is safe to attempt to telescope any load with the limits of the load rating chart. The maximum load which may be telescoped is limited by hydraulic pressure, boom angle and powered boom lubrication.

Do not tip machine to determine allowable lifting capacities.

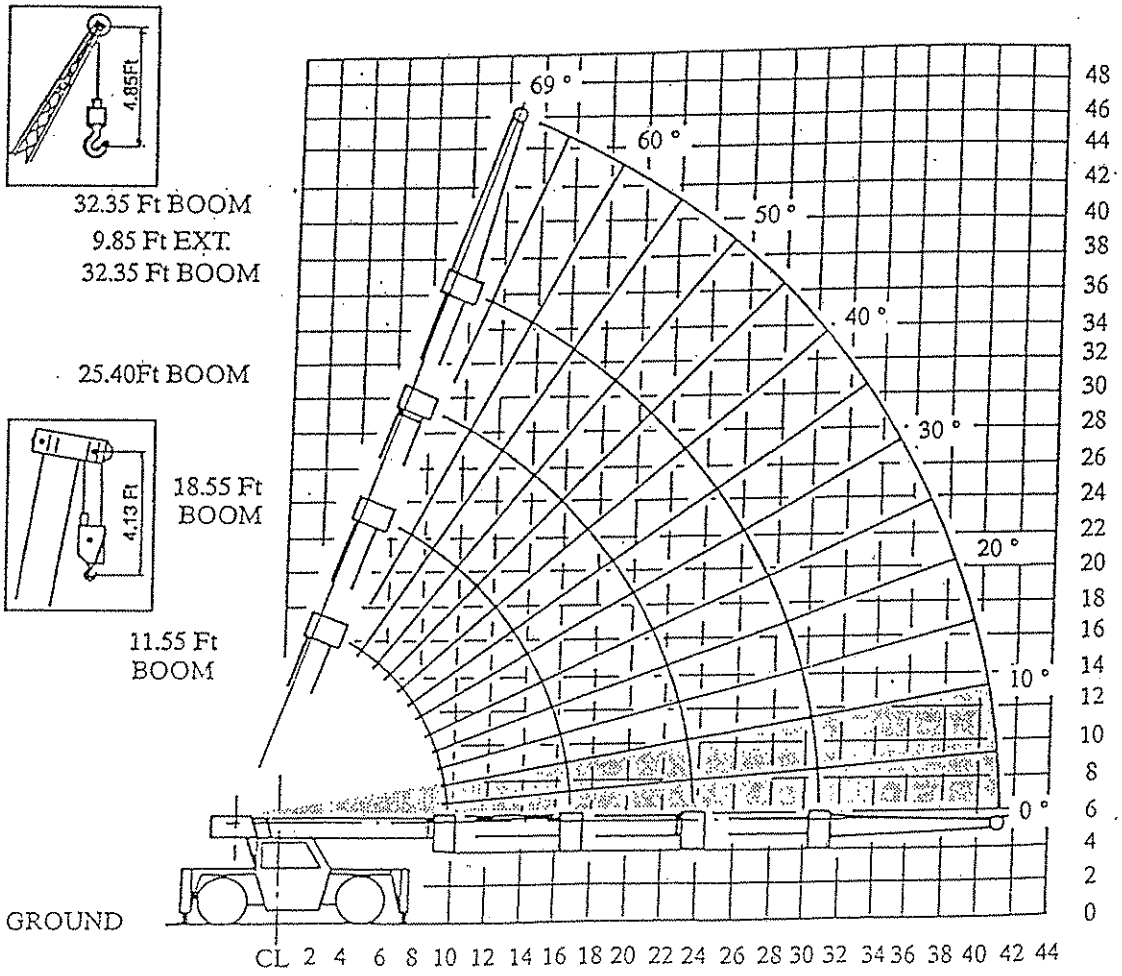
Handling of personnel from the boom is not authorized except with equipment approved by TEREX CRANES INC. and must meet the requirements of ANSI B30.5--3.2.2.

Use of pile driving/extracting equipment is approved under the limitations and operating requirements stated in TEREX CRANES, INC. "Pile driving/Extracting Policy" guide.

MAIN HOST REEVING -- 14mm DIA		
6 x 37 TYPE ROPE BREAKING STRENGTH 15.2 METRIC TON		
Parts of line	1	2
Max Loads MT	4.34	7.75

MAIN HOST REEVING -- .562 DIA		
6 x 37 TYPE ROPE BREAKING STRENGTH 33600 POUNDS		
Parts of line	1	2
Max Loads LBS	9600	17000

MAIN BOOM AND EXTENSIONS
HEIGHT, RADIUS AND BOOM LENGTH



DISTANCE FROM CENTRE LINE OF ROTATION – FEET

FOR MINIMUM AND MAXIMUM BOOM ANGLE LIMITS, YOU MUST REFER TO THE APPROPRIATE LOAD CHARTS

1. OPERATION NOTES

On Outriggers

The tabulated loads are the maximum loads covered by the manufacturer's guaranties. The rated loads never exceed 85% of the tipping load. They are given in pounds and include the weight of hook blocks and other hoisting equipment. Their weight must be subtracted from the listed rated lifting capacity to obtain the net load that can be lifted.
Also see note 2 deductions for auxiliary sheave, stowed extensions and jobs.
The tires shall be raised clear of the ground and free of crane weight before operating boom or lifting loads. All outrigger beams must be extended to the same length; fully extended.
The crane should be raised and positioned horizontally on outriggers. Operating at outrigger positions other that the above is neither intended nor approved.

On Tires

The tabulated loads are the maximum loads covered by the manufacturer's guaranties. The rated loads never exceed 75 % of the tipping load. They are given in pounds and include the weight of hook blocks and other hoisting equipment. Their weight must be subtracted from the listed rated lifting capacity to obtain the net load that can be lifted.
Also see note 2 deductions for auxiliary sheave, stowed extensions and jobs.
Crane lifting capacities require lifting from main boom head only on a smooth and level surface.

Crane lifting capacities require lifting from main boom head only on a smooth and level surface.
Crane lifting capacities on tires depend on tire capacity, condition of the tires and tire air pressure. Tires must be inflated to the recommended pressure before lifting. (See operator's manual.) The recommended pressures are indicated either in the cab or next to the wheels. When handling loads in the structural range with the cpacities close to maximum ratings, travel should be to 'Creep Speed'. 4 Km/HR capacities are permissible on main boom only. NOT on boom extension.

For pick and carry operations, the boom must be centered over the front of the machine, the mechanical swing lock engaged and the load must be restrained from heaving.
Do not travel with boom extension erected. Creep: motion less than 200 Ft in a 30 minute period and not exceeding 1 MPH.

2. DEDUCTIONS FROM RATED LOADS

Lifting loads with main boom tip section extend or erected boom extension.

HOOK BLOCKS and HOOKS			
Lift	Pulleys	Line Parts	Weight
8.5 UST	1	3	110 Lb
5.5 UST	0	1	88 Lb

While lifting on main boom with extension rigged, deduct from main boom load chart the following:
432 Lb with extension 10 Ft.

With extension in the transport position there is no reduction in load capacity.

3. WINCH, PULLEYS AND ROPES

WINCH	
Maximum Permissible Line Pull in Pounds	
	Main Winch
Last Layer	7600 Lb

Rooster Sheave: Use main boom load chart, do not exceed the maximum line pull given by the winch used. (See opposite and hoist reeving.)

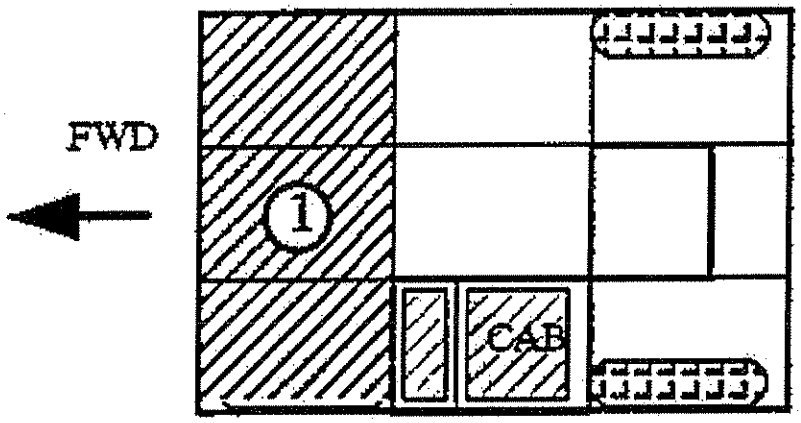
4. EXTENSIONS

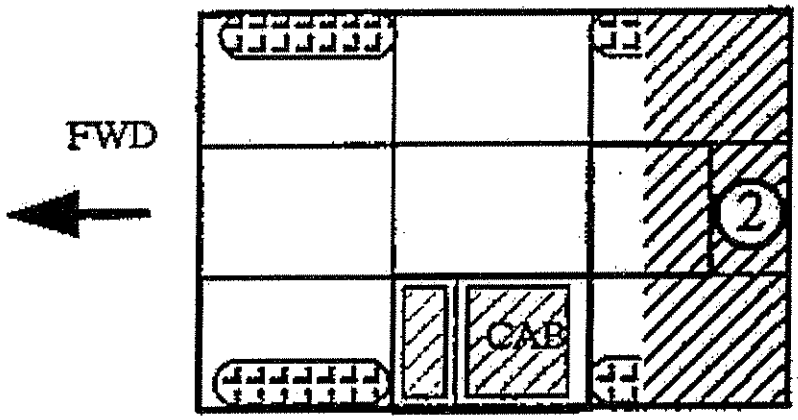
Extension rated_lifting capacity is based on loaded main boom angle with reference to horizontal, regardless of main boom length. Reference radius is for fully extended main boom. For angles not shown, use the next lower boom angle to determine the allowable capacity.
When hoisting with lattice extension or stinger the boom hook block must be removed or the rated loads must be reduced by the weight of the boom hook block. (Given in note 2.)

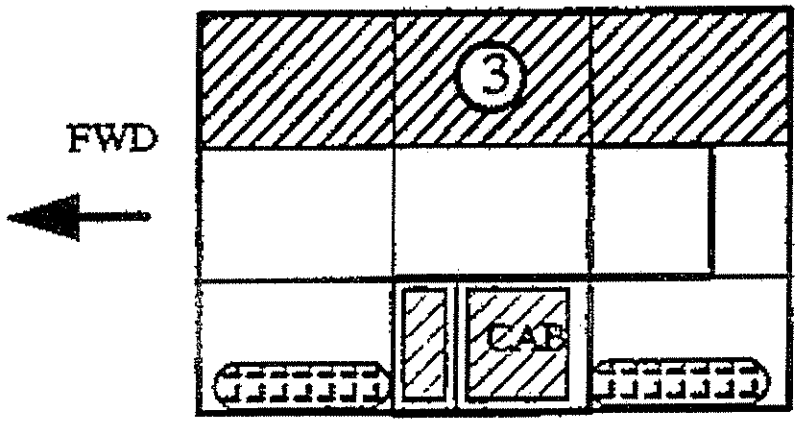
5. REACTIONS AT THE SUPPORTS

CAUTION: Refer to the lifting capacity charts to know the possible maximum load for each radius.
To determine resistance of the ground in most cases, you can refer to the operator's manual, in other cases you must absolutely determine yourself.

LOAD DISTRIBUTION CHART FOR CARRY DECK







MAXIMUM ALLOWABLE LOAD

AREA 1
23.2 SQ. FT. 6620 LBS
2.2 SQ. M. 3000 Kg

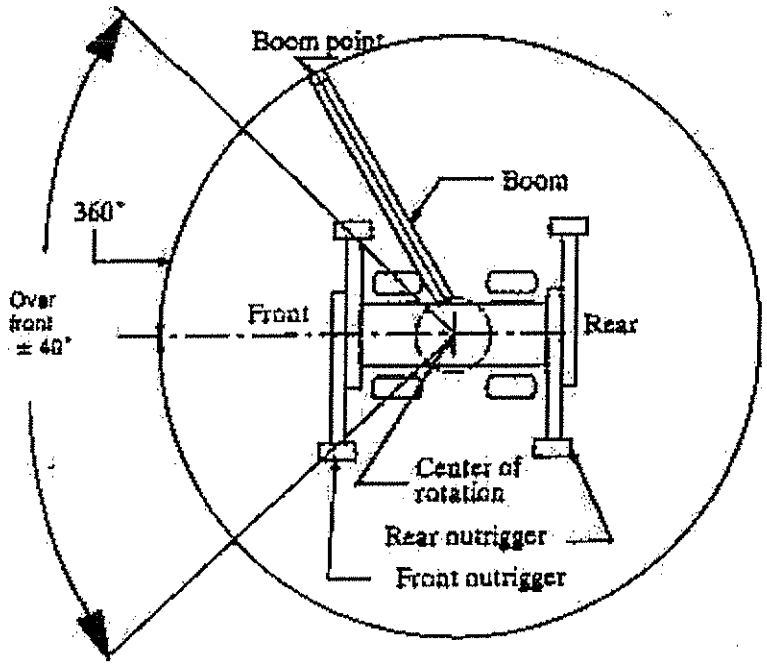
AREA 2
19.3 SQ. FT. 5520 LBS
1.8 SQ. M. 2500 Kg

AREA 3
21.8 SQ. FT. 2200 LBS
2.050 SQ. M. 1000Kg

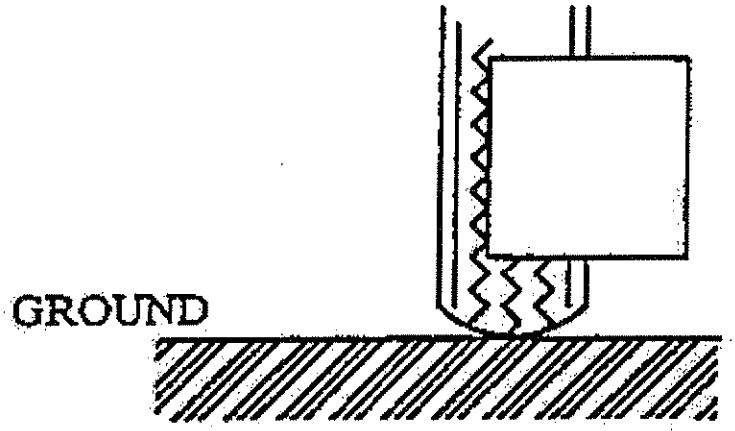
AREAS OF OPERATION -- OUTRIGGERS

"On Outriggers" Work Area

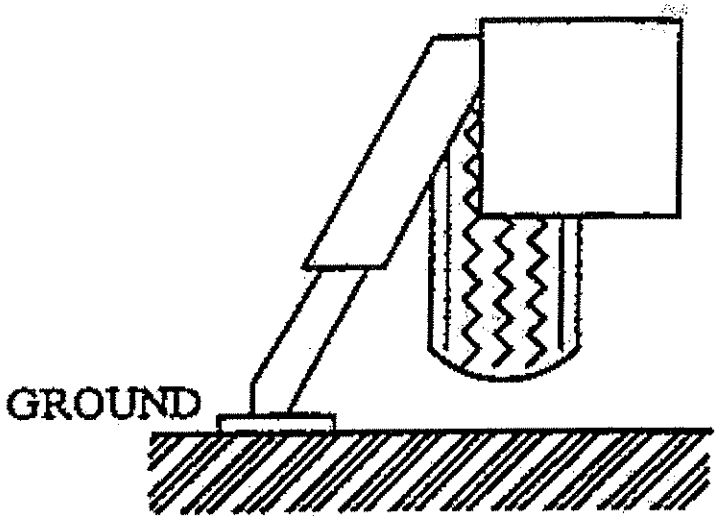
NOTE: These lines determine the limiting position of any load for operation with working areas indicated.



OUTRIGGER SETUP



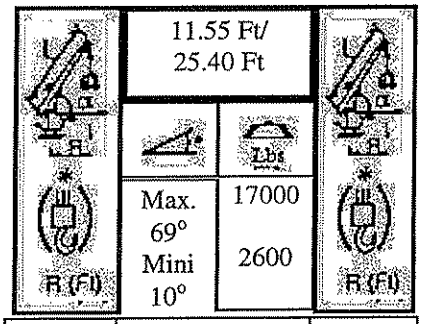
When outriggers are not in use, only rated lifting capacities on tires, section 2 apply



When lifting on outriggers, extended outrigger rated lifting capacities, section 1, will only apply if outriggers are fully extended. Tires must be clear off the ground.

FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft -- 3 SECTION OR 4 SECTION WITH MANUAL SECTION RETRACTED

ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES
On firm and level ground and with wheels raised clear of the ground
LIFTING FROM BOOM, EXTENSION NOT ERECTED – LMI CODE 01, 02
LIFTING FROM BOOM, EXTENSION ERECTED – LMI CODE 21, 22



5	**17000**	5
6	**16200**	6
8	**13300**	8
10	**11100**	10
12	**9000**	12
14	**6700**	14
16	**5400**	16
18	**4500**	18
20	**3700**	20
22	**3200**	22

0 DEGREE	**2600**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft -- 3 SECTION OR 4 SECTION WITH MANUAL SECTION RETRACTED

ON OUTRIGGERS FULLY EXTENDED OVER +/- 40 DEGREES
On firm and level ground and with wheels raised clear of the ground
LIFTING FROM BOOM, EXTENSION NOT ERECTED – LMI CODE 01, 02
LIFTING FROM BOOM, EXTENSION ERECTED – LMI CODE 21, 22

	11.55 Ft/ 25.40 Ft	
	Max. 69° Mini 10°	17000 3800
5	**17000**	5
6	**16200**	6
8	**13300**	8
10	**11200**	10
12	**9800**	12
14	**8700**	14
16	**7700**	16
18	**6400**	18
20	**5700**	20
22	**4400**	22

0 DEGREE	**3800**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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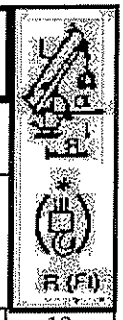
FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft -- + EXTENSION 9.85 Ft ON 3 SECTION OR 4 SECTION WITH MANUAL SECTION RETRACTED

ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES -- LMI CODE 11
On firm and level ground and with wheels raised clear of the ground

	25.4+9.85 FT (1)°		
		Lbs	
	Max. 69°	7600	
13	67.20	**7600**	13
14	65.30	**6800**	14
16	61.70	**5500**	16
18	57.80	**4700**	18
20	53.70	**3800**	20
22	49.20	**3300**	22
24	44.40	**2800**	24
26	39.60	**2400**	26
28	34.10	**2100**	28
30	27.70	**1900**	30
32	17.90	**1700**	32
--	0	**1500**	--

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft -- + EXTENSION 9.85 Ft ON 3 SECTION OR 4 SECTION WITH MANUAL SECTION RETRACTED

ON OUTRIGGERS FULLY EXTENDED OVER +/- 40 DEGREES -- LMI CODE 11

On firm and level ground and with wheels raised clear of the ground

	25.40 Ft + 9.85 Ft		
			
	Max. 69°	7600	
13	67.20	**7600**	13
14	65.30	**7600**	14
16	61.70	**7100**	16
18	57.80	**6200**	18
20	53.70	**5200**	20
22	49.20	**4400**	22
24	44.40	**3800**	24
26	39.60	**3200**	26
28	34.10	**2900**	28
30	27.70	**2500**	30
32	17.90	**2200**	32
--	0	**1900**	--

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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FULLY TELESCOPIC BOOM FROM 18.55 Ft TO 32.35 Ft-- 4 SECTION WITH MANUAL SECTION EXTENDED

ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES
On firm and level ground and with wheels raised clear of the ground
LIFTING FROM BOOM, EXTENSION NOT ERECTED – LMI CODE 31, 32
LIFTING FROM BOOM, EXTENSION ERECTED – LMI CODE 51, 52

	18.55 Ft/ 32.35 Ft		
	Max. 69° Mini 10°	Maxi. 15800 Mini 1800	
6	**15800**		6
7	**15400**		7
8	**13900**		8
10	**11100**		10
12	**9000**		12
14	**6900**		14
16	**5500**		16
18	**4500**		18
20	**3700**		20
22	**3200**		22
24	**2800**		24
26	**2400**		26
28	**2100**		28

0 DEGREE	**1800**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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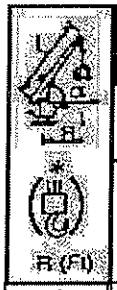
FULLY TELESCOPIC BOOM FROM 18.55 Ft TO 32.35 Ft -- 4 SECTION WITH MANUAL SECTION EXTENDED

ON OUTRIGGERS FULLY EXTENDED OVER FRONT +/-40 DEGREES --
On firm and level ground and with wheels raised clear of the ground
LIFTING FROM BOOM, EXTENSION NOT ERECTED – LMI CODE 31, 32
LIFTING FROM BOOM, EXTENSION ERECTED – LMI CODE 51, 52

	18.55 Ft/ 32.35 Ft	
R (Ft)	Max. 69° Mini 10° / Maxi. 15800 Mini 2600	R (Ft)
6	**15800**	6
7	**15400**	7
8	**13900**	8
10	**11100**	10
12	**9400**	12
14	**8400**	14
16	**7500**	16
18	**6400**	18
20	**5200**	20
22	**4500**	22
24	**3900**	24
26	**3300**	26
28	**3000**	28

0 DEGREE	**2600**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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TELESCOPIC BOOM FROM 18.55 Ft TO 32.35 Ft + EXTENSION 9.85 Ft ON 4 SECTION WITH MANUAL SECTION EXTENDED

ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES -- LMI CODE 41

On firm and level ground and with wheels raised clear of the ground

	32.35 Ft + 9.85 Ft		
	Max. 69°	5500	
16	68.10	**5500**	16
18	64.80	**4600**	18
20	61.40	**3800**	20
22	57.70	**3200**	22
24	54.10	**2800**	24
26	50.40	**2400**	26
28	46.50	**2100**	28
30	42.40	**1800**	30
32	38.20	**1600**	32
34	33.20	**1400**	34
36	27.70	**1300**	36
38	19.60	**1150**	38
40	8.00	**1000**	40
--	0°	**900**	--

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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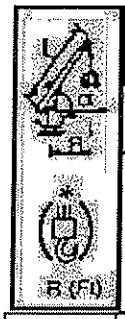
TELESCOPIC BOOM FROM 18.55 Ft TO 32.35 Ft + EXTENSION 9.85 Ft ON 4 SECTION WITH MANUAL SECTION EXTENDED

ON OUTRIGGERS FULLY EXTENDED OVER FRONT +/- 40 DEGREES -- LMI CODE 41

On firm and level ground and with wheels raised clear of the ground

	32.35 Ft + 9.85 Ft		
	Max. 69°	6500	
16	68.10	**6500**	16
18	64.80	**5800**	18
20	61.40	**5100**	20
22	57.70	**4500**	22
24	54.10	**3900**	24
26	50.40	**3300**	26
28	46.50	**2900**	28
30	42.40	**2500**	30
32	38.20	**2300**	32
34	33.20	**2000**	34
36	27.70	**1800**	36
38	19.60	**1600**	38
40	8.00	**1400**	40
--	0°	**1300**	--

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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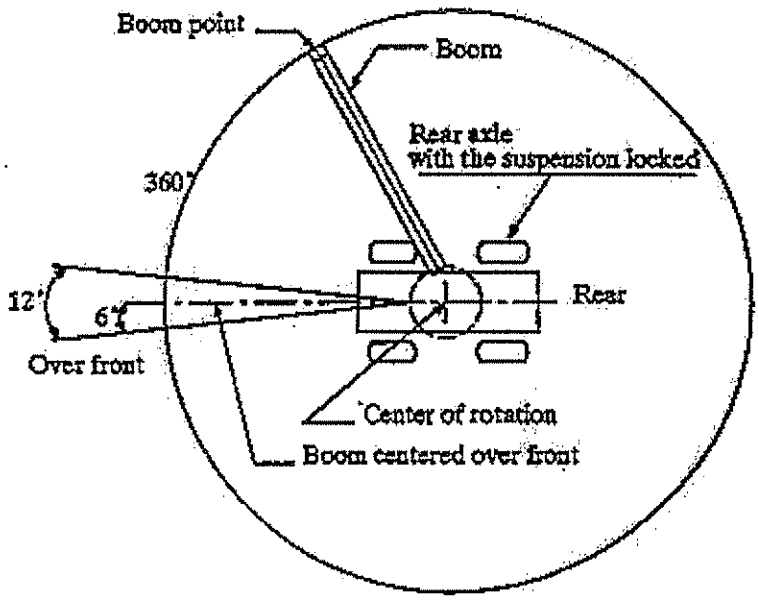
AREAS OF OPERATIONS
TIRES

"ON TIRES" WORK AREA

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



Crane lifting capacities on tires depend on tire capacity, condition of the tires and tire air pressure. Tires must be inflated to the recommended pressure before lifting. (See operator's manual.) The recommended pressures are indicated either in the cab or next to the wheels. When handling loads in the structural range with the capacities close to maximum ratings, travel should be to 'Creep Speed'. 2.5 MPH (4 Km/HR) capacities are permissible on main boom only. NOT on boom extension.

For pick and carry operations, the boom must be centered over the front of the machine, the mechanical swing lock engaged and the load must be restrained from swing.

Do not travel with boom extension erected. Creep: motion less than 200 Ft in a 30 minute period and not exceeding 1 MPH (61 M and 1.5 Km/HR).

FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft
3 SECTION OR 4 SECTION
WITH MANUAL SECTION RETRACTED

LOADS ON WHEELS 360 DEGREES - STATIC -
LMI CODE 61, 62

	11.55 Ft/ 25.40 Ft	
	Max. 69°	9700
5	**9700**	5
6	**8400**	6
8	**5500**	8
10	**3700**	10
12	**2700**	12
14	**2000**	14
16	**1600**	16
18	**1300**	18
20	**1000**	20
22	**800**	22
23	**650**	23

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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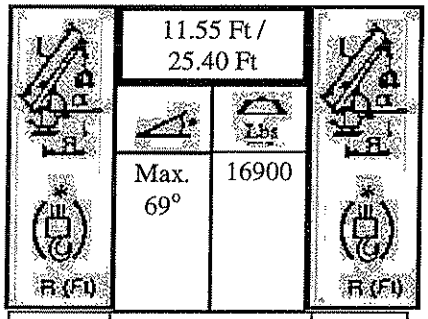
TIRE INFLATION BAR

TIRE SIZE	ROADING	2.5 MPH	STATIC
255/70 R 22.5 H	125	125	125

FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft
3 SECTION OR 4 SECTION
WITH MANUAL SECTION RETRACTED

LOADS ON WHEELS - STATIC - OVER FRONT +/- 6°
LMI CODE 81, 82



5	**16900**	5
6	**14700**	6
8	**11300**	8
10	**8300**	10
12	**5900**	12
14	**4500**	14
16	**3500**	16
18	**2800**	18
20	**2200**	20
22	**1900**	22
23	**1650**	23

0 DEGREE	**500**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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TIRE INFLATION BAR

TIRE SIZE	ROADING	2.5 MPH	STATIC
255/70 R 22.5 H	125	125	125

FULLY TELESCOPIC BOOM FROM 11.55 Ft TO 25.40 Ft
3 SECTION OR 4 SECTION
WITH MANUAL SECTION RETRACTED

LOADS ON WHEELS - 4 Km/HR - CENTERED OVER FRONT
LMI CODE 101, 102

	11.55 Ft / 25.40 Ft		
		Lbs	
	Max. 69°	15900	
5	**15900**		5
6	**13800**		6
8	**10700**		8
10	**8300**		10
12	**5900**		12
14	**4500**		14
16	**3500**		16
18	**2800**		18
20	**2200**		20
22	**1900**		22
23	**1650**		23

0 DEGREE	**0.20**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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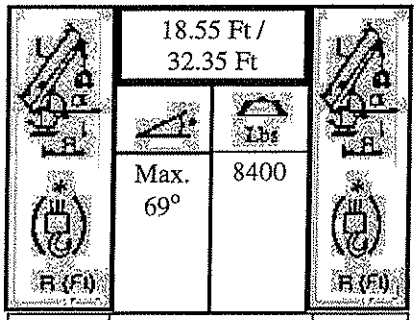
TIRE INFLATION BAR

TIRE SIZE	ROADING	4 Km/HR	STATIC
255/70 R 22.5 H	125	125	125

FULLY TELESCOPIC BOOM FROM 18.55 Ft TO 32.35 Ft
4 SECTION WITH MANUAL SECTION EXTENDED

LOADS ON WHEELS 360 DEGREES - STATIC
LMI CODE 71, 72



6	**8400**	6
7	**7200**	7
8	**5800**	8
10	**3900**	10
12	**2900**	12
14	**2300**	14
16	**1800**	16
18	**1400**	18
20	**1100**	20
22	**900**	22
24	**800**	24
26	**600**	26
28	**500**	28

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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TIRE INFLATION BAR

TIRE SIZE	ROADING	4 Km/HR	STATIC
255/70 R 22.5 H	125	125	125

FULLY TELESCOPIC BOOM FROM 18.55 Ft TO 32.55 Ft
4 SECTION WITH MANUAL SECTION EXTENDED

LOADS ON WHEELS 360 DEGREES - STATIC - OVER FRONT +/- 6 DEGREES
LMI CODE 91, 92

	18.55 Ft / 32.55 Ft		
			
	Max. 69°	14800	
6	**14800**		6
7	**13200**		7
8	**11500**		8
10	**8700**		10
12	**6100**		12
14	**4600**		14
16	**3600**		16
18	**2900**		18
20	**2400**		20
22	**2000**		22
24	**1700**		24
26	**1500**		26
28	**1300**		28
30	**1100**		30

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
PAGE 9

0 DEGREE	**500**

TIRE INFLATION BAR

TIRE SIZE	ROADING	4 Km/HR	STATIC
255/70 R 22.5 H	125	125	125

TEREX

D85i

FULLY TELESCOPIC BOOM FROM 18.55 Ft TO 32.55 Ft
4 SECTION WITH MANUAL SECTION EXTENDED

LOADS ON WHEELS - 4 Km/HR CENTERED OVER FRONT
LMI CODE 111, 112

	18.55 Ft / 32.55 Ft	
	Max. 69°	13800
6	**13800**	6
7	**12300**	7
8	**10900**	8
10	**8700**	10
12	**6100**	12
14	**4600**	14
16	**3600**	16
18	**2900**	18
20	**2400**	20
22	**2000**	22
24	**1700**	24
26	**1500**	26
28	**1300**	28
30	**1100**	30

0 DEGREE	**500**

LOAD DEDUCTIONS:
SEE NOTES 1 AND 2
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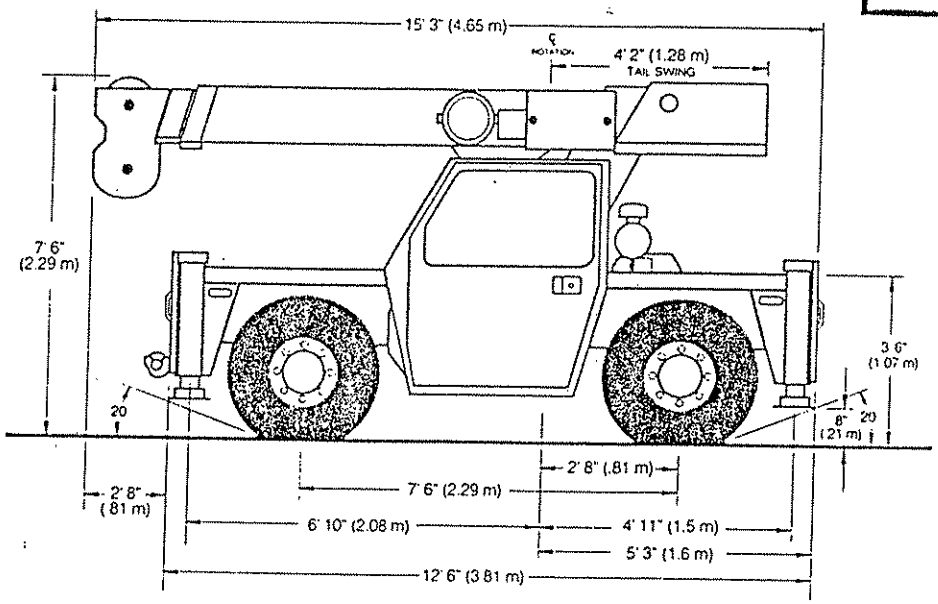
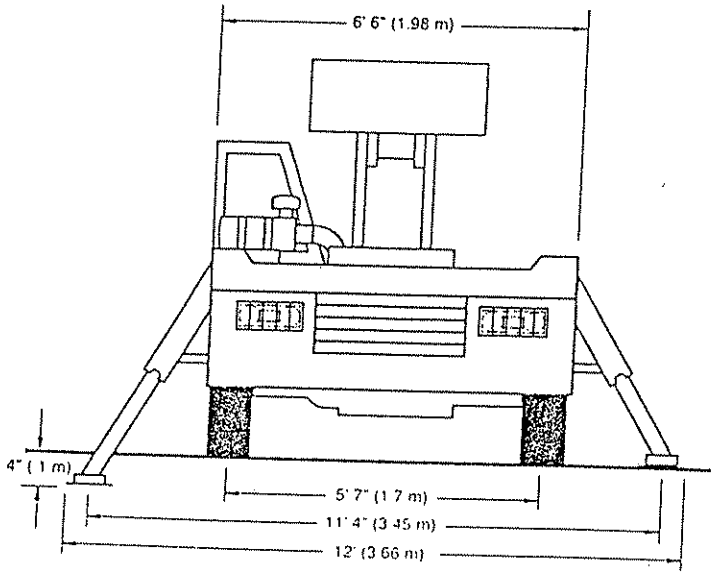
TIRE INFLATION BAR

TIRE SIZE	ROADING	4 Km/HR	STATIC
255/70 R 22.5 H	8.62	8.62	8.62

TEREX

D85i





HYDRAULIC DATA

MACHINE DESIGNED TO OPERATE AT THESE MAXIMUM PRESSURE SETTING AND FLOW RATES.

FUNCTION	TWO SECTION VALVE			TWO SECTION VALVE		
	INLET	SWING	BOOM TELES	INLET	MAIN WINCH	BOOM HOIST
PSI RELIEF SETTING	MAIN 2500	PORT 1200 RIGHT AND LEFT	PORT NONE	MAIN 2300	PORT NONE	PORT NONE
G.P.M. MAX FLOW	15	15	15	29	29	29

OUTRIGGER RELIEF – 2900 PSI – 15 GPM

STEER RELIEF – 2000 PSI – 15 GPM – (CONTROLED BY PRIORITY VALVE)

FLOW RATES TO BE CHECKED AT 2750 ENGINE RPM – NO LOAD – HIH SPEED

PRESSURES TO BE CHECKED AT 2500 ENGINE RPM – GOVERNED SPEED

HYDRAULIC OIL TEMPERATURE MUST BE BETWEEN PLUS 70° AND 100° WHEN SETTING OF ABOVE PRESSURES.
DO NOT HOLD ON RELIEF MORE THAN 10 SECONDS TO AVOID OVERHEATING THE OIL AND HYDRAULIC COMPONENT DAMAGE.
UNAUTHORIZED PRESSURE SETTING IN EXCESS OF THE ABOVE VALUES WILL RESULT IN DENIAL OF WARRANTY CLAIMS.
PRESSURE TO BE WITHIN ± 100 P.S.I. – FLOW RATES TO BE WITHIN ± 2%.