TEREX LIFTING

TEREX
RT 160
Rough Terrain Crane

FEATURES

- **60 tons (54 mt) maximum lifting capacity**
- **115 ft. (35.0 m) maximum boom length**
- **186 ft. (56.7 m) maximum tip height**
- Four-section full power boom with single lever control
- Swingaway jib offsettable 0°, 17° or 30°
- Two-speed main and auxiliary winches
- Quick-reeving boom head and hook block
- Fully independent multi-position out and down outriggers
- Environmental operator's cab optimizes load visibility and productivity
- RCI 500 load system Rated Capacity Indicator
- Tight 19 ft. (5.9 m) turning radius
- Easy to read load chart books include range diagrams
- 12-month or 2000 hours warranty, major weldments are 5-years or 10,000 hours

simple, available and cost effective™

Machines shown may have optional equipment.

Courtesy of Crane.Market

TEREX RT 160

Rough Terrain Crane

Max. Lifting Capacity: 60 tons (54 mt)

115 ft. (35 m) FOUR-SECTION, FULL-POWER BOOM WITH SINGLE LEVER CONTROL

- High strength, four plate construction.
- Two double-acting hoist cylinders provide boom elevation of -2° to 78° for easier reeving changes and close radius operation.
- Quick-reeving boom head; no need to remove wedge from socket.

ENVIRONMENTAL OPERATOR'S CAB

- Rated Capacity Indicator (RCI) system including anti-two block system with automatic function disconnects.
- Fully adjustable operator's seat has shock-absorbing suspension and adjustable arm rests.
- Sound and weather insulated for comfort.
- Hinged tinted skylight and sliding right-hand, rear and door windows, roof wiper.
- Armrest mounted joystick or twin lever controls for swing, boom hoist, and main and auxiliary winchs; foot pedals for swing brake, boom telescope, service brakes and engine throttle.
- Complete instrumentation. Environmentally-sealed rocker switches. Circuit breakers in cab.

RUGGED, EASY-TO-MANEUVER CARRIER

- Box-type chassis construction with reinforcing cross members.
- Fully sequential powershift transmission with torque converter; 6 speeds forward 3 reverse.
- Hydrostatic power steering, front and rear axles. Control modes for front only, four-wheel cramp and crab steering, all controlled by steering wheel. Switch for independent rear steer.
- Dual circuit air over hydraulic drum service brakes at each wheel.
- Fully independent hydraulic outriggers may be utilized fully extended to 23 ft. 7 in. (7.2 m) or in their mid extended or fully retracted position.
- Tail swing only 12' 10" (3.91 m).
- Cummins 215 HP (160 kw) 6CT8.3 turbocharged diesel engine.
- 29.5 x 25-28PR tubeless tires with rock tread.

POWERFUL, TWO-SPEED WINCHES

- 585 fpm (178 mpm) maximum line speed, 17,440 lbs. (7910 kg) maximum line pull. Single lever control.
- Automatic multi-disc brake.
- Electronic drum indicators.
- Winch drum rollers.

HIGH CAPACITY, DEPENDABLE HYDRAULIC SYSTEM

- Two tandem gear-type pumps driven off the transmission. Combined system capability is 139 gpm (525 lpm).
- Hydraulic reservoir with 162 gal. (615 l) capacity and full flow oil filtration system.

OPTIONS INCLUDE:

- 38 ft. or 38 to 60 ft. (11.6 or 11.6 to 18.3 m) swingaway jib. Both offset 0°, 17° or 30°.
- Auxiliary winch with rope.
- Heater/defroster, air conditioner.
- Cold weather starting aid.

For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local Terex Cranes Distributor.

TEREX CRANES

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Litho in U.S.A.

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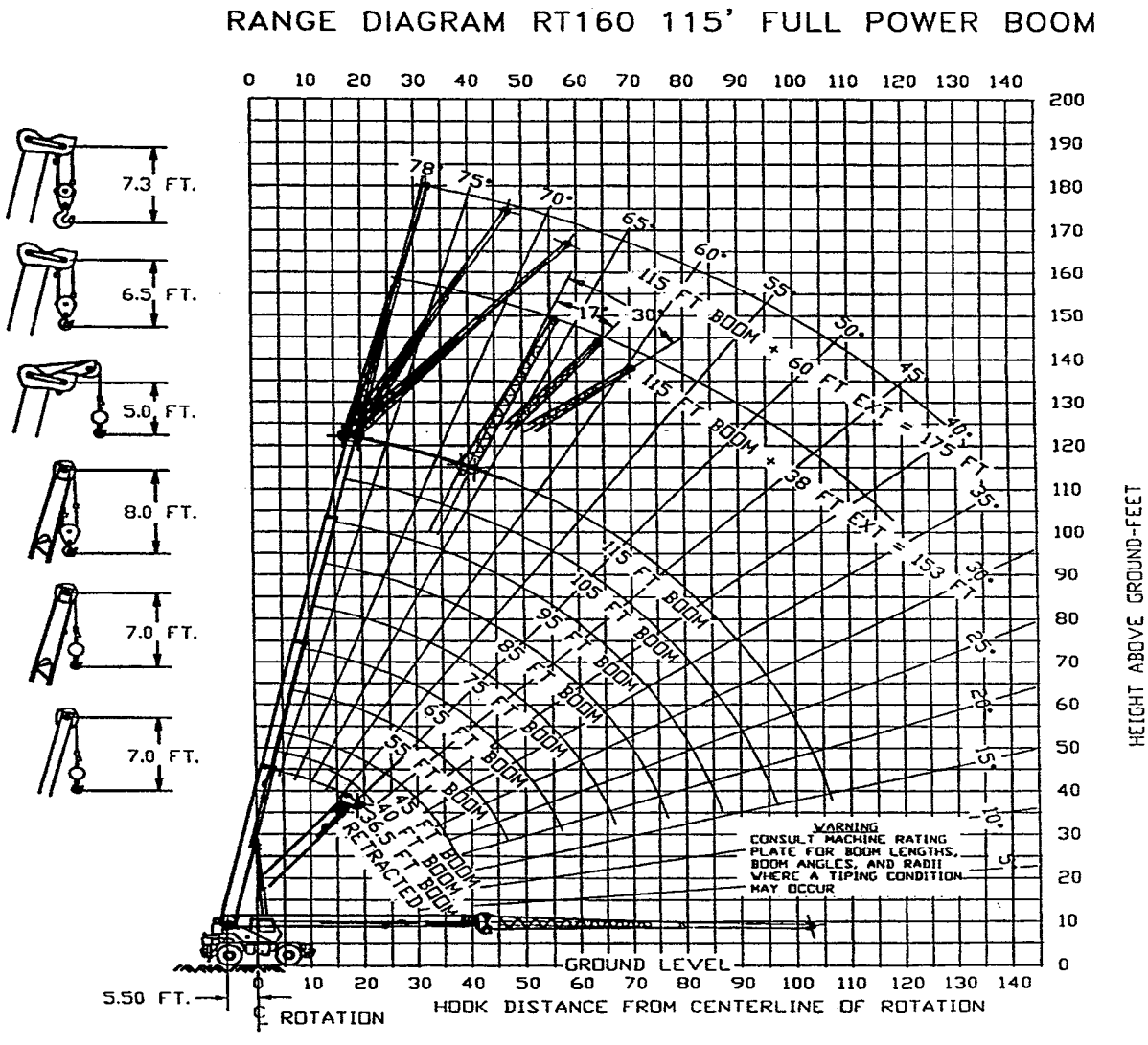
TEREX
RT160

ROUGH TERRAIN CRANE
60 TON CAPACITY

range diagram & lifting capacities



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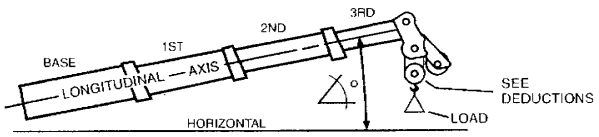
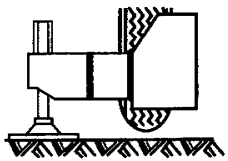
RATED LIFTING CAPACITIES IN POUNDS

36.5 - 115 FT BOOM ON FULLY EXTENDED OUTRIGGERS
15200 POUND TOTAL COUNTERWEIGHT LOAD MOVEMENT DEVICE (LMI) CODE #04





POWERED BOOM LENGTH IN FEET

LOAD RADIUS FT.	36.5 FT		40 FT		45 FT		55 FT		65 FT		75 FT		85 FT		95 FT		105 FT		115 FT		LOAD RADIUS FT
	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	LOADED BOOM ANGLE △°	LOAD, LB 360	
10	68	120000	70	102000	72	88000	75	76600													10
12	64	100000	67	95000	69	87900	74	76200	76	61000											12
15	59	88000	62	85700	65	82200	70	76000	74	59000	76	47900									15
20	48	68000	53	68100	58	68300	65	65000	69	57000	72	44700	75	44100	77	40400					20
25	36	52800	43	53000	50	55000	59	54200	64	48400	68	40800	72	37300	74	34800	76	31000	78	26000	25
30			30	42500	40	42500	52	42000	59	40700	64	35300	68	32100	71	29900	73	27700	75	22500	30
35					28	34000	45	33500	54	32900	60	31000	64	28000	68	26000	70	24600	72	20500	35
40							36	27100	48	27800	55	27500	60	24800	64	22800	67	21600	70	18000	40
45							25	21700	41	23500	50	23000	56	22000	61	20400	64	19100	67	16300	45
50									33	14800	47	14800	51	14800	57	14800	61	14800	64	14600	50
55									23	13500	38	13500	47	13500	53	13500	58	13500	61	13300	55
60											32	12500	42	12500	49	12500	54	12500	58	12300	60
65											22	10700	36	10900	45	11000	51	11100	55	11300	65
70													30	9200	40	9400	47	9500	52	9600	70
75													21	7800	35	8000	43	8100	49	8200	75
80															28	6800	38	6900	45	7000	80
85															20	5700	33	5900	41	6000	85
90																	27	5000	37	5100	90
95																	19	4200	32	4300	95
100																			26	3600	100
ZERO DEGREE BOOM ANGLE LOADS (LB) / (RADII (FT.))																					
	0	21000 (31.0)	0	18000 (34.5)	0	1400 (39.5)	0	11000 (49.5)	0	7900 (59.5)	0	5100 (69.5)	0	3300 (79.5)	0	2200 (89.5)	0	1500 (99.5)	0	1000 (109.5)	

MIN. BOOM ANGLE (DEG) FOR INDICATED BOOM LENGTH (NO LOAD)	-2
MAX. BOOM LENGTH (FEET) AT -2 DEGREE BOOM ANGLE (NO LOAD)	115

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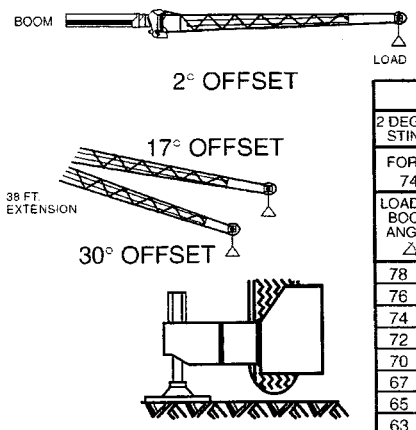
RATED LIFTING CAPACITIES IN POUNDS

115 FT BOOM + 38 FT. EXTENSION = 153 FT. TOTAL
FULLY EXTENDED OUTRIGGERS - 360 DEG • 15200 POUND TOTAL COUNTERWEIGHT
LOAD MOMENT DEVICE (LMI) CODES # 11, 12, 13



MIN. BOOM ANGLE (DEG) FOR INDICATED BOOM LENGTH (NO LOAD)	-2
MAX. BOOM LENGTH (FEET) AT -2 DEGREE BOOM ANGLE (NO LOAD)	60

REFERENCE LOAD RADIUS IS FOR 153 FT. BOOM ONLY

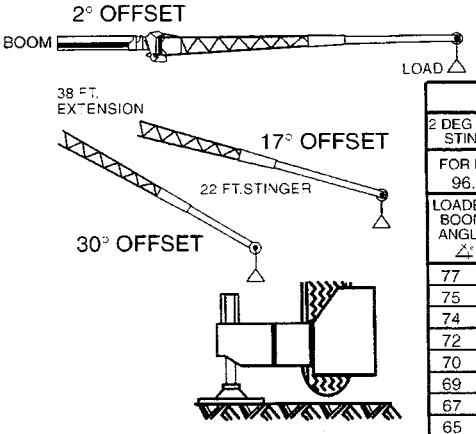
FOR BOOM LENGTHS LESS THAN 153 FT., USE BOOM ANGLES ONLY

CODE #11			CODE #12			CODE #13		
2 DEG EXT OFFSET WITH STINGER RETRACTED		REF. LOAD RADIUS FT.	17 DEG EXT OFFSET WITH STINGER RETRACTED		REF. LOAD RADIUS FT.	30 DEG EXT OFFSET WITH STINGER RETRACTED		REF. LOAD RADIUS FT.
FOR BOOM LENGTHS 74.5 FT - 153 FT		FOR 153 FOOT BOOM ONLY	FOR BOOM LENGTHS 74.5 FT - 153 FT		FOR 153 FOOT BOOM ONLY	FOR BOOM LENGTHS 74.5 FT - 153 FT		FOR 153 FOOT BOOM ONLY
LOADED BOOM ANGLE △°	LOAD, LB 360 DEG		LOADED BOOM ANGLE △°	LOAD, LB 360 DEG		LOADED BOOM ANGLE △°	LOAD, LB 360 DEG	
78	11900	35	77	9100	45	77	7400	50
76	10700	40	75	8300	50	75	6900	55
74	9900	45	73	7600	55	73	6400	60
72	9100	50	71	7000	60	71	5900	65
70	8300	55	68	6500	65	68	5500	70
67	7700	60	66	6000	70	66	5200	75
65	7100	65	64	5600	75	63	4900	80
63	6500	70	61	5200	80	61	4600	85
61	6000	75	59	4800	85	56	4300	90
58	5100	80	56	4000	90	52	2900	100
55	4300	85	50	2700	100	45	1800	110
53	3600	90	44	1600	110			
47	2300	100						

LIFTING CAPACITIES 360 DEG AT 0 DEG. BOOM ANGLE

AREA OF OPERATION	BOOM ANGLE	MAIN BOOM LENGTH IN FEET, LOAD IN POUNDS				
		36.5	40.0	45.0	55.0	60.0
360 DEG	0°	1600	1600	1600	1600	0

115 FT BOOM + 60 FT. EXTENSION = 175 FT. TOTAL
FULLY EXTENDED OUTRIGGERS - 360 DEG • 15200 POUND TOTAL COUNTERWEIGHT
LOAD MOMENT DEVICE (LMI) CODES # 14, 15, 16



MIN. BOOM ANGLE (DEG) FOR INDICATED BOOM LENGTH (NO LOAD)	-2
MAX. BOOM LENGTH (FEET) AT -2 DEGREE BOOM ANGLE (NO LOAD)	50

REFERENCE LOAD RADIUS IS FOR 175 FT. BOOM ONLY

FOR BOOM LENGTHS LESS THAN 175 FT., USE BOOM ANGLES ONLY

CODE #14			CODE #15			CODE #16		
2 DEG EXT OFFSET WITH STINGER EXTENDED		REF. LOAD RADIUS FT.	17 DEG EXT OFFSET WITH STINGER EXTENDED		REF. LOAD RADIUS FT.	30 DEG EXT OFFSET WITH STINGER EXTENDED		REF. LOAD RADIUS FT.
FOR BOOM LENGTHS 96.5 FT - 175 FT		FOR 175 FOOT BOOM ONLY	FOR BOOM LENGTHS 96.5 FT - 175 FT		FOR 175 FOOT BOOM ONLY	FOR BOOM LENGTHS 96.5 FT - 175 FT		FOR 175 FOOT BOOM ONLY
LOADED BOOM ANGLE △°	LOAD, LB 360 DEG		LOADED BOOM ANGLE △°	LOAD, LB 360 DEG		LOADED BOOM ANGLE △°	LOAD, LB 360 DEG	
77	6600	45	78	5200	55	78	4100	65
75	6200	50	77	5000	60	77	3900	70
74	5800	55	75	4800	65	75	3800	75
72	5700	60	73	4600	70	73	3700	80
70	5600	65	71	4400	75	71	3500	85
69	5400	70	70	4100	80	69	3300	90
67	5000	75	68	3900	85	65	2900	100
65	4700	80	66	3600	90	61	2600	110
63	4300	85	62	3100	100	56	2300	120
61	4000	90	57	2800	110			
57	3500	100	53	2000	120			
53	2500	110						
48	1700	120						

LIFTING CAPACITIES 360 DEG AT 0 DEG. BOOM ANGLE

AREA OF OPERATION	BOOM ANGLE	MAIN BOOM LENGTH IN FEET, LOAD IN POUNDS				
		36.5	40.0	45.0	50.0	
360 DEG	0°	1600	1600	1600	0	

OPERATION ON OUTRIGGERS

1. Read and understand all warnings and instructional notes.
2. Rated loads for fully extended outriggers do not exceed 85% of the tipping load as determined by SAE crane stability test code J765. Rated loads for mid position and fully retracted outriggers are determined from the formula.
   Rated Load = (Tipping - 0.1 x Tip Reaction) / 1.25.
3. The tires shall be raised clear of the ground and free of crane weight before operating boom or lifting loads.
4. All outrigger beams must be extended to the same length: fully extended, mid position or fully retracted.
5. Rated lifting capacities above the bold line are based on the machine's hydraulic or structural competence and not on machine stability. Rated lifting capacities below the bold line are based on the machine's stability.
6. Rated lifting capacities include the weight of hook block, slings and auxiliary lifting devices. Their weight must be subtracted from the listed rated lifting capacity to obtain the net load to be lifted.
7. When lifting over the lattice extension the weight of any hook block, slings, and auxiliary lifting devices at the main boom head must be added to the load.
8. When the lattice extension is erected but unused add three (3) times the weight of any hook block, slings, and auxiliary lifting devices at the extension head to the load. Outriggers must be in the fully extended position when lifting at the main boom head with the lattice extension erected.
9. Add 150 lbs. to the chart values if the auxiliary boom head sheave is not erected.

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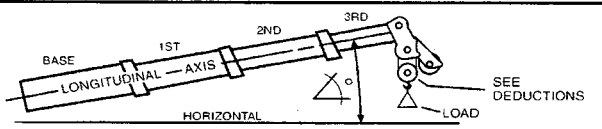
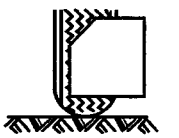
RATED LIFTING CAPACITIES IN POUNDS

36.5 - 115 FT BOOM ON TIRES • STATIC - OVER FRONT: +/- 6 DEGREE
15200 POUND TOTAL COUNTERWEIGHT • LOAD MOVEMENT DEVICE (LMI) CODE # 02

29.5 X 25 TIRES





POWERED BOOM LENGTH IN FEET

LOAD RADIUS FT.	36.5 FT LOADED BOOM ANGLE	36.5 FT LOAD, LB FRONT	40 FT LOADED BOOM ANGLE	40 FT LOAD, LB FRONT	45 FT LOADED BOOM ANGLE	45 FT LOAD, LB FRONT	55 FT LOADED BOOM ANGLE	55 FT LOAD, LB FRONT	65 FT LOADED BOOM ANGLE	65 FT LOAD, LB FRONT	75 FT LOADED BOOM ANGLE	75 FT LOAD, LB FRONT	LOAD RADIUS FT.
10	68	70800	70	70300	72	70200	75	68100					10
12	64	61600	67	61200	69	61200	74	59500	76	58500			12
15	59	51100	62	50800	65	51200	70	49600	74	48900	76	48200	15
20	48	38900	53	38700	58	38700	65	37800	69	37300	72	36800	20
25	36	26400	43	26700	50	27100	59	27600	64	27900	68	27800	25
30			30	18200	40	19100	52	19500	59	19800	64	20100	30
35					28	13400	45	14400	54	14700	60	14900	35
40							36	10800	48	11100	55	11300	40
45							25	7600	41	8400	50	8600	45
50									33	5900	47	6100	50

ZERO DEGREE BOOM ANGLE LOADS (LB) / (RADII (FT.))

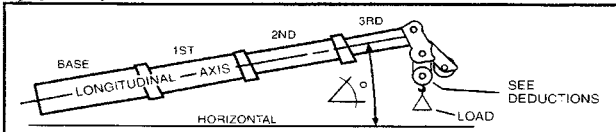
36.5 FT		40 FT		45 FT		55 FT		65 FT		75 FT	
0	6600 (31.0)	0	5200 (34.5)	0	3700 (39.5)	0	0 (49.5)				

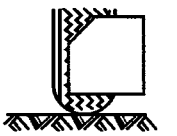
OPERATION ON TIRES

1. Read and understand all warnings and instructional notes.
2. Crane lifting capacities on tires do not exceed 75% of the tipping load.
3. 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.
4. Crane lifting capacities require lifting from main boom head only on a smooth and level surface.
5. Rated lifting capacities above the bold line are based on the machine's hydraulic or structural competence and not on machine stability. Rated lifting capacities below the bold line are based on the machine's stability.
6. Rated lifting capacities include the weight of hook block, slings and auxiliary lifting devices. Their weight must be subtracted from the listed rated lifting capacity to obtain the net load to be lifted.
7. Add 150 lbs. to the chart values if the auxiliary boom head sheave is not erected.
8. For pick and carry operations, the boom must be centered over the rear of the machine, the mechanical swing lock engaged and the load must be restrained from swing.
9. Do not travel with boom extension erected.
10. Creep: Motion less than 200 feet (60 meters) in a 30 minute period and not exceeding 1 mph (1.6 km/h).
11. Maximum recommended boom angle on tires is 73° without load.
12. Lifting loads with erected boom extension is neither intended nor approved.
13. Handling of personnel from the boom is neither intended nor approved.
14. Operating pile driving/extracting equipment on tires is neither intended nor approved.

36.5 - 115 FT BOOM ON TIRES • CREEP - OVER FRONT
LOAD MOVEMENT DEVICE (LMI) CODE # 01

29.5 X 25 TIRES





POWERED BOOM LENGTH IN FEET

LOAD RADIUS FT.	36.5 FT LOADED BOOM ANGLE	36.5 FT LOAD, LB FRONT	40 FT LOADED BOOM ANGLE	40 FT LOAD, LB FRONT	45 FT LOADED BOOM ANGLE	45 FT LOAD, LB FRONT	55 FT LOADED BOOM ANGLE	55 FT LOAD, LB FRONT	65 FT LOADED BOOM ANGLE	65 FT LOAD, LB FRONT	75 FT LOADED BOOM ANGLE	75 FT LOAD, LB FRONT	LOAD RADIUS FT.
10	68	58400	70	57900	72	57900	75	55900					10
12	64	50900	67	50600	69	50700	74	49000	76	48000			12
15	59	42300	62	42000	65	42400	70	40900	74	40200	76	39500	15
20	48	32200	53	32000	58	32600	65	31400	69	30900	72	30500	20
25	36	25300	43	25100	50	25800	59	24700	64	24500	68	24200	25
30			30	18200	40	19100	52	18500	59	19800	64	19500	30
35					28	13400	45	14400	54	14700	60	14900	35
40							36	10800	48	11100	55	11300	40
45							25	7600	41	8400	50	8600	45
50									33	5900	47	6100	50

ZERO DEGREE BOOM ANGLE LOADS (LB) / (RADII (FT.))

36.5 FT		40 FT		45 FT		55 FT		65 FT		75 FT	
0	6600 (31.0)	0	5200 (34.5)	0	3700 (39.5)	0	0 (49.5)				

TIRE INFLATION CHART - PSI

TIRE SIZE	ROADING	CREEP
29X25 28PR	55	75

MIN. BOOM ANGLE (DEG) FOR INDICATED BOOM LENGTH (NO LOAD)	-2
MAX. BOOM LENGTH (FEET) AT -2 DEGREE BOOM ANGLE (NO LOAD)	55

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GENERAL NOTES

GENERAL

1. Rated loads as shown on lift charts pertain to this machine as originally manufactured and equipped. Modifications to the machine or use of optional equipment other than that specified can result in a Reduction of capacity.
2. Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance of this machine shall be in compliance with the information in the Operators, Parts and Safety Manuals supplied with this machine. If these manuals are missing, Order replacements from the manufacturer thru your distributor.
3. These warnings do not constitute all of the operating conditions for the crane. The operator and job site supervision must read the OPERATORS MANUAL, CIMA SAFETY MANUAL. APPLICABLE OSHA REGULATIONS, AND SOCIETY OF MECHANICAL ENGINEERS (ASME) SAFETY STANDARDS FOR CRANES.
4. This crane and its load ratings are in accordance with POWER CRANE & SHOVEL ASSOCIATION, STANDARD NO. 4 SAE CRANE LOAD STABILITY TEST CODE J765A, SAE METHOD OF TEST FOR CRANE STRUCTURE J1063 AND APPLICABLE SAFETY CODE FOR CRANE, DERRICKS AND HOISTS, ASME/ANSI B30.5.

DEFINITIONS

1. LOAD RADIUS- The horizontal distance from the axis of rotation Before loading to the center of the vertical hoist line or tackle with a Load applied.
2. LOADED BOOM ANGLE- It is the angle between the boom base Section and the horizontal, after lifting the rated load at the rated Radius. The boom angle before loading should be greater to account for deflections. The loaded boom angle combined with boom length give only an approximation of the operating radius.
3. WORKING AREA- Areas measured in a circular arc about the centerline of rotation as shown in the diagram.
4. FREELY SUSPENDED LOAD- Load hanging free with no direct External force applied except by the hoist rope.
5. SIDE LOAD- Horizontal force applied to the lifted load either on the ground or in the air.
6. NO LOAD STABILITY LIMIT- The stability limit radius shown on the range diagrams is the radius beyond which it is not permitted to position the boom, when the boom angle is less than the minimum shown on the applicable load chart, because the machine can overturn without any load.

SET-UP

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.
3. Crane load ratings on tires depend on appropriate inflation pressure and the tire conditions. Caution must be exercised when increasing air pressure in tires. Consult operator's manual for precautions.
4. Use of jibs, lattice-type boom extensions, our fourth section pullouts extended is not permitted for pick and carry operations.
5. Consult appropriate section of the Operator's and Service manual for more exact descriptions of hoist line reeving.
6. The use of more parts of line than required by the load may result in having insufficient rope to allow the hook block to reach the ground.
7. Properly maintained wire rope is essential for safe crane operation. Consult Operator's Manuals for proper maintenance and inspection requirements.
8. When spin resistant wire rope is used, the allowable rope loading shall be the breaking strength divided by 5, unless otherwise specified by the wire rope manufacturer.

OPERATION

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, The smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams).
4. The boom angles shown on the capacity chart give an approximation of the operating radius for a specified boom length. The boom angle before loading , should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. Rated loads include the weight of hook block, slings, and auxiliary lifting devices. Their weights shall be subtracted from the listed rated load to obtain the net load that can be lifted.
   When lifting over the jib the weight of any hook block, slings, and auxiliary lifting devices at the boom head must be added to the load. When jibs are erected but unused add 2 times the weight of any Hook block, slings, and auxiliary lifting devices at the jib head to the loads.
7. Rated loads do not exceed 85% on outriggers or 75% on tires, of the tipping loads as determined by SAE Crane Stability Test Code J765A. Rated loads for partially extended outriggers are determined from the Formula. Rated Load=(Tipping Load – 0.1 X Tip Reaction)/ 1.25. Structural strength ratings in chart are indicated with an asterisk *.
8. Rated loads are based on freely suspended loads. No attempt shall be made to drag a load horizontally on the ground in any direction.
9. The user shall operate at reduced ratings to allow for adverse job conditions, such as soft or uneven ground, out of level conditions, high winds, side loads, pendulum action, jerking or sudden stopping of loads, hazardous conditions, experience of personnel, two machine lifts, traveling with loads, electric wires, etc. (side pull on boom or jib is hazardous) Derating of the cranes lifting capacity is required when wind speed exceeds 20-mph. The center of the lifted load must never be allowed to move more than 3* ft. off the center line of the base boom section due to effects of wind, inertia, or both.
   **Use 2 feet off the center line of the base boom for a two section boom, 3 feet for a three section boom, or 4 feet for a four section boom.
10. The maximum load that can be telescoped is not definable, because of variations in loadings and crane maintenance, but it is Permissible to attempt retraction and extension if load ratings are not exceeded.
11. Load ratings are dependent upon the crane being maintained according to manufacturers specifications.
12. It is recommended that load handling devices, including hooks, and hook blocks, be kept away from boom had at all times.
13. FOR TRUCK ONLY: 360 deg. capacities apply only to machines equipped with a front outrigger jack and all 5 outrigger jacks properly set. If the front (5) outrigger jack is not properly set, the work area is restricted to the over side and over rear areas as shown on the crane Working positions diagram. Use the 360 deg. Load ratings in the overside work areas.

DEDUCTIONS TO BE MADE FROM LOAD RATINGS

HOOK BLOCK WEIGHTS

9.2 Ton Ball Hook	476 Pounds	8.3 M Ton Ball Hook	213 Kg.
20 Ton 1 Sheave Hook Block	420 Pounds	18.1M Ton 1 Sheave Hook Block	190 Kg.
60 Ton 5 Sheave Hook Block	977 Pounds	54.4M Ton 5 Sheave Hook Block	443 Kg.

Note: These weights apply only to TEREX, INC supplied equipment.

The load charts for the RT160 are net load charts. The deductions to these charts are:

1. The weight of hook block, slings and auxiliary lifting devices. Their weight must be subtracted from the listed rated lifting capacity to obtain the net load to be lifted.

2. When lifting over the lattice extension of the weight of any hook block, slings, and auxiliary lifting devices at the main boom head must be added to the load.

3. When the lattice extension is erected but unused, add three (3) times the weight of any hook block, slings, and auxiliary lifting devices at the extension head to the load. Outriggers must be in the fully extended position when lifting at the main boom head with the lattice extension erected.

4. Add 150 pounds to the chart values if the auxiliary boom head sheave is not erected.

5. All other deductions have been taken in the charts.

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