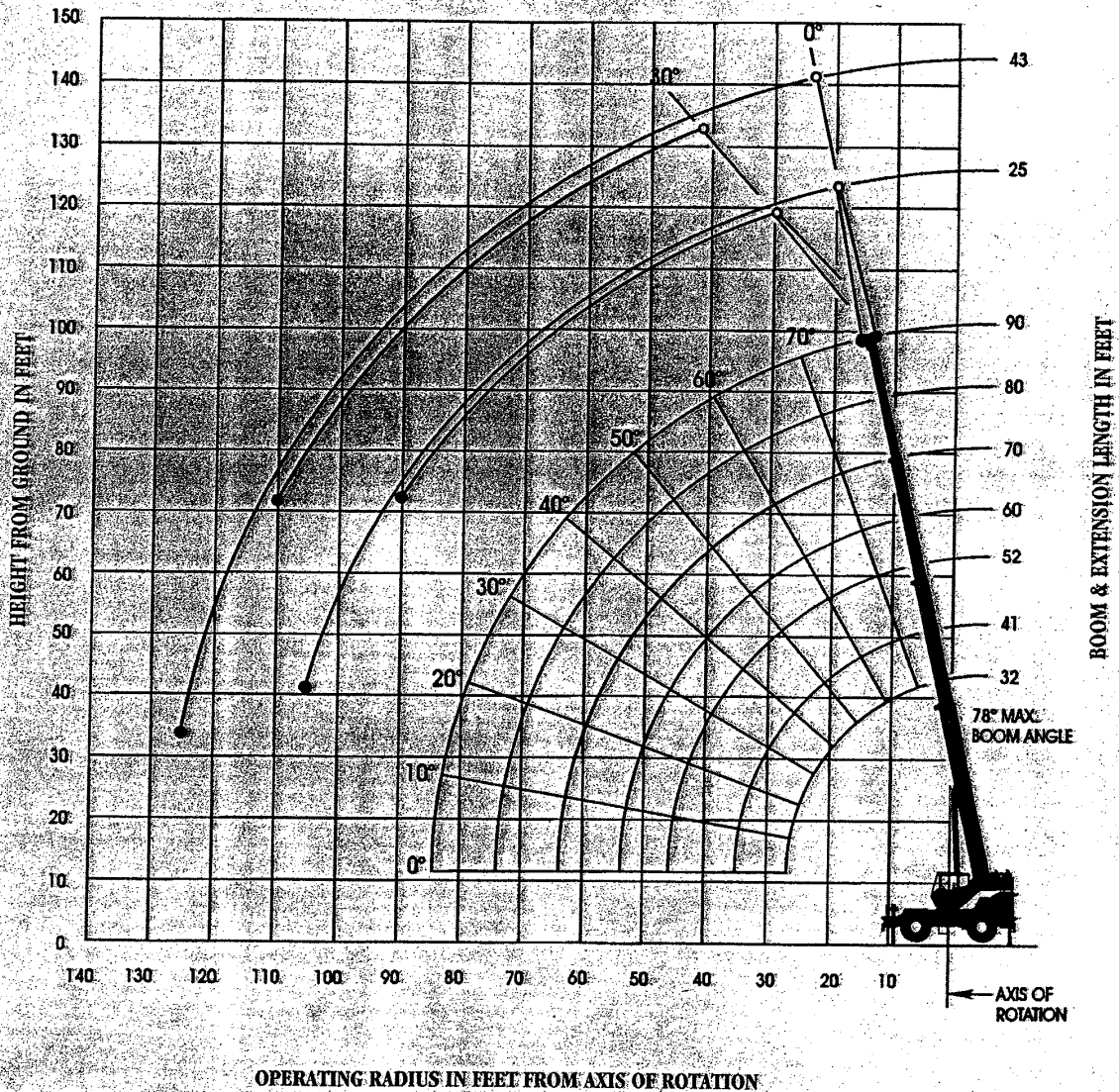




RT530DXL

Rough terrain hydraulic crane /85% Domestic
32 ft. - 90 ft. full power boom

WORKING RANGE DIAGRAM
(BOOM DEFLECTION NOT SHOWN)



DOMESTIC 75% LIFTING CAPACITIES (POUNDS) ON OUTRIGGERS 0% EXTENDED - 8.38 FT. SPREAD

MAIN BOOM - 360°

Radius in Feet	#8001						
	Main Boom Length in Feet						
	32	41	*52	60	70	80	90
10	44,500 (64.5)	40,250 (70.5)	31,700 (75.5)	30,000 (77)			
12	33,900 (60)	31,450 (67.5)	28,600 (73)	28,050 (75.5)			
15	23,150 (53.5)	22,900 (63)	21,150 (69.5)	21,000 (72.5)	20,650 (75.5)	20,200 (78)	19,050 (78)
20	14,300 (40)	14,000 (54.5)	13,700 (63.5)	14,050 (67.5)	14,050 (71)	14,000 (74)	13,800 (76)
25	9,710 (17.5)	9,430 (44.5)	9,090 (56.5)	9,440 (62)	9,880 (66.5)	10,200 (70)	10,200 (72.5)
30		6,540 (32)	6,250 (49.5)	6,590 (56)	7,000 (62)	7,380 (66)	7,750 (69)
35			4,340 (41)	4,660 (50)	5,060 (57)	5,390 (70)	5,720 (65.5)
40			2,960 (31)	3,270 (43)	3,650 (52)	3,950 (58)	4,260 (62)
45			1,920 (14.5)	2,220 (35)	2,590 (46)	2,870 (53.5)	3,150 (58.5)
50				1,420 (24)	1,770 (40)	2,030 (48.5)	2,290 (54.5)
55					1,100 (32)	1,350 (43)	1,590 (50)
60							1,020 (45.5)
Minimum boom angle (deg.) for indicated length (no load)							37.5
Maximum boom length (ft.) at 0 degree boom angle (no load)							60

WARNING: When operating the machine in the "On Outriggers 0% Extended (8.38 ft. spread)" mode, the outrigger beam must be fully retracted.

Failure to follow these precautions could result in structural damage or loss of stability of the machine.

NOTE: () Boom angles are in degrees.
*52 ft. boom length is with inner-mid extended and outer-mid & fly retracted.
@ Capacity is based upon maximum obtainable boom angle.
#LMI operating code. Refer to LMI manual for instructions.

A6-829-013538

ZERO DEGREE BOOM ANGLE CHARTS - 360°

Boom Angle	Lifting Capacities At Zero Degree Boom Angle On Outriggers Fully Extended - 360°						
	32	41	*52	60	70	80	90
0°	25,000 (25.7)	16,100 (34.8)	10,050 (45.9)	7,640 (53.8)	5,580 (63.8)	4,170 (73.8)	3,140 (83.8)

A6-829-013092

Boom Angle	Lifting Capacities On Outriggers 50% Extended - 360° at Zero Degree Boom Angle						
	Main Boom Length in Feet						
	32	41	*52	60	70	80	90
0°	20,000 (25.7)	13,150 (34.8)	6,050 (45.9)	4,480 (53.8)	3,140 (63.8)	2,210 (73.8)	1,510 (83.8)

A6-829-013537

Boom Angle	Lifting Capacities On Outriggers 0% Extended - 360° at Zero Degree Boom Angle						
	Main Boom Length in Feet						
	32	41	*52				
0°	9,220 (25.7)	4,630 (34.8)	1,760 (45.9)				

A6-829-013538

ON RUBBER 20.5R25 XHA** MICHELIN TIRES

Stationary Capacity Defined Arc Over Front

Boom Angle	Main Boom Length in Feet				
	32	41	*52	60	70
0°	12,350 (25.7)	6,630 (34.8)	3,120 (45.9)	2,160 (53.8)	1,310 (63.8)

Stationary Capacities - 360°

Boom Angle	Main Boom Length in Feet	
	32	41
0°	8,180 (25.7)	3,870 (34.8)

Pick & Carry Capacities Up to 2.5 mph -
Boom Centered Over Front

Boom Angle	Main Boom Length in Feet			
	32	41	*52	60
0°	8,620 (25.7)	4,810 (34.8)	2,000 (45.9)	1,240 (53.8)

A6-829-013092

*52 ft. boom length is with inner-mid extended and outer-mid and fly retracted.



DOMESTIC 85% LIFTING CAPACITIES (POUNDS) ON OUTRIGGERS 50% EXTENDED - 14.25 FT. SPREAD

MAIN BOOM - 360°

Radius in Feet	#4001								#4003
	Main Boom Length in Feet								25 ft. Ext. & 90 ft.
	32	41	*52	60	70	80	90		
10	58,000 (64.5)	57,500 (70.5)	31,700 (75.5)	30,000 (77)					
12	50,850 (60)	50,350 (67.5)	31,700 (73)	30,000 (75.5)					
15	42,700 (53.5)	42,150 (63)	31,700 (69.5)	30,000 (72.5)	30,000 (75.5)	30,100 (78)	19,050 (78)		
20	31,650 (40)	30,050 (54.5)	27,800 (63.5)	27,550 (67.5)	27,000 (71)	25,150 (74)	19,050 (76)		
25	21,050 (17.5)	20,700 (44.5)	19,700 (56.5)	19,800 (62)	19,750 (66.5)	19,550 (70)	19,050 (72.5)	12,000 (78)	
30		14,850 (32)	14,500 (49.5)	14,950 (56)	15,050 (62)	15,050 (66)	15,000 (69)	11,700 (75)	
35			10,800 (41)	11,300 (50)	11,850 (57)	11,950 (62)	11,950 (65.5)	11,450 (72.5)	
40			8,230 (31)	8,710 (43)	9,330 (52)	9,690 (58)	9,760 (62)	9,850 (69.5)	
45			6,320 (14.5)	6,790 (35)	7,380 (46)	7,750 (53.5)	8,050 (58.5)	8,220 (67)	
50				5,360 (24)	5,890 (40)	6,250 (48.5)	6,600 (54.5)	6,920 (64)	
55					4,720 (32)	5,060 (43)	5,400 (50)	5,860 (61)	
60						3,760 (22)	4,090 (45.5)	4,980 (58)	
65							3,290 (30)	4,170 (55)	
70							2,640 (21)	3,460 (52)	
75								2,350 (28.5)	2,860 (48.5)
80								1,850 (20)	2,330 (44.5)
85									1,890 (37)
90									1,480 (36.5)
95									1,200 (31.5)
Minimum boom angle (deg.) for indicated length (no load)									0
Maximum boom length (ft.) at 0 degree boom angle (no load)									90
									105

NOTE: () Boom angles are in degrees.
 *52 ft. boom length is with inner-mid extended and outer-mid & fly retracted.
 @Capacity is based upon maximum obtainable boom angle.
 #LMI operating code. Refer to LMI manual for operating instructions.

A6-829-013537

WARNING: When operating the machine in the "On Outriggers 50% Extended (14.25' spread)" mode, the outrigger beam pins must be engaged. Failure to follow these precautions could result in structural damage or loss of stability of the machine.

FOR LIFTING WITH BOOM EXTENSION: Radii listed are for a fully extended boom with the boom extension erected. For main boom lengths less than fully extended, the rated loads are determined by boom angle. Use only the column which corresponds to the boom extension length and offset for which the machine is configured. For boom angles not shown, use the rating of the next lower boom angle.

NO LOAD STABILITY FOR 25 FT. TELE BOOM EXTENSION ERECTED: For main boom length greater than 70 ft. with 25 ft. tele. boom extension in working position, the boom angle must not be less than 31.5° since loss of stability will occur causing a tipping condition. The boom angle is not restricted for main boom length equal to or less than 70 ft. This warning also applies for boom extension erection purposes.

NO LOAD STABILITY FOR 43 FT. TELE BOOM EXTENSION ERECTED: For main boom length greater than 70 ft. with 43 ft. tele. boom extension in working position, the boom angle must not be less than 35.5° since loss of stability will occur causing a tipping condition. The boom angle is not restricted for main boom length equal to or less than 50 ft. This warning also applies for boom extension erection purposes.

25 FT. - 43 FT. TELE BOOM - 360°

Radius in Feet	25 ft. LENGTH		43 ft. LENGTH	
	#4021	#4023	#4041	#4043
	0° OFFSET	30° OFFSET	0° OFFSET	30° OFFSET
25	12,000 (77.5)			
30	11,700 (74.5)		6,520 (78)	
35	11,300 (72)	5,300 (76)	5,800 (75.5)	
40	9,220 (69.5)	5,000 (73.5)	5,400 (73)	
45	7,600 (66.5)	4,800 (70.5)	4,900 (70.5)	
50	6,300 (64)	4,620 (68)	4,550 (68.5)	2,610 (75.5)
55	5,240 (61)	4,470 (65)	4,260 (66)	2,520 (73)
60	4,360 (58)	4,360 (62)	3,940 (63.5)	2,410 (70.5)
65	3,620 (55)	3,620 (58.5)	3,740 (61)	2,320 (68)
70	2,950 (51.5)	2,950 (55)	3,550 (58.5)	2,260 (65.5)
75	2,340 (48)	2,340 (51.5)	3,080 (56)	2,200 (62.5)
80	1,810 (44.5)	1,810 (48)	2,610 (53)	2,140 (60)
85	1,350 (40.5)	1,350 (44)	2,190 (50)	2,080 (57)
90			1,820 (47)	1,820 (53.5)
95			1,450 (44)	1,450 (50)
100			1,120 (40.5)	1,120 (46.5)

NOTE: () Boom angles are in degrees. A6-829-013539
 * This capacity is based upon maximum boom angle.
 #LMI operating code. Refer to LMI manual for instructions.
 ** 25 ft. capacities are also applicable to fixed offsettable extension. However, the LMI codes will change to #4051 and #4053 for 0° and 30° offset, respectively.



DOMESTIC 85% LIFTING CAPACITIES (POUNDS) ON OUTRIGGERS FULLY EXTENDED

**25 FT. - 43 FT.
TELE. SWINGAWAY - 360°**

Radius in feet	25 ft. LENGTH		43 ft. LENGTH	
	#0021	#0023	#0041	#0043
	0° OFFSET	30° OFFSET	0° OFFSET	30° OFFSET
25	12,000 (77.5)			
30	11,700 (74.5)		*6,520	
35	11,450 (72)	5,300 (76)	5,800 (75.5)	
40	10,500 (69.5)	5,000 (73.5)	5,400 (73)	
45	9,590 (66.5)	4,800 (70.5)	4,900 (70.5)	
50	8,990 (64)	4,620 (68)	4,550 (68.5)	2,610 (75.5)
55	8,330 (61)	4,470 (65)	4,260 (66)	2,520 (73)
60	7,240 (58)	4,360 (62)	3,940 (63.5)	2,410 (70.5)
65	6,120 (55)	4,240 (58.5)	3,740 (61)	2,320 (68)
70	5,190 (51.5)	4,140 (55)	3,550 (58.5)	2,260 (65.5)
75	4,400 (48)	4,080 (51.5)	3,360 (56)	2,200 (62.5)
80	3,720 (44.5)	3,720 (48)	3,200 (53)	2,140 (60)
85	3,140 (40.5)	3,140 (44)	3,050 (50)	2,080 (57)
90	2,630 (36.5)	2,630 (39.5)	2,930 (47)	2,040 (53.5)
95	2,170 (31.5)		2,820 (44)	2,000 (50)
100	1,770 (25.5)		2,720 (40.5)	1,980 (46.5)
105	1,410 (18)		2,370 (36.5)	1,920 (42.5)
110			2,000 (32.5)	1,960 (38)
115			1,680 (27.5)	
120			1,380 (22)	
125			1,110 (17)	

NOTE: () Boom angles are in degrees. A6-829-013091
 * This capacity is based upon maximum boom angle.
 #LMI operating code. Refer to LMI manual for instructions.
 ** 25 ft. capacities are also applicable to fixed offsettable extension.
 However, the LMI codes will change to #0051 and #0053 for 0° and 30° offset, respectively.

MAIN BOOM - 360°

Radius in feet	#0001							#0003
	Main Boom Length in Feet							25 ft. Ext. & 90 ft.
	32	41	*52	60	70	80	90	115
10	60,000 (64.5)	57,600 (70.5)	31,700 (75.5)	30,000 (77)				
12	55,850 (60)	52,200 (67.5)	31,700 (73)	30,000 (75.5)				
15	46,150 (53.5)	45,400 (63)	31,700 (69.5)	30,000 (72.5)	30,000 (75.5)	30,100 (78)	19,050 (78)	
20	33,700 (40)	33,000 (54.5)	31,700 (63.5)	30,000 (67.5)	27,000 (71)	25,150 (74)	19,050 (76)	
25	25,900 (17.5)	25,150 (44.5)	24,600 (56.5)	24,000 (62)	21,900 (66.5)	20,600 (70)	19,050 (72.5)	12,000 (78)
30		19,800 (32)	19,250 (49.5)	19,800 (56)	18,250 (62)	17,400 (66)	16,750 (69)	11,700 (75)
35			15,450 (41)	16,000 (50)	15,600 (57)	14,850 (62)	14,350 (65.5)	11,450 (72.5)
40			12,650 (31)	13,150 (43)	13,400 (52)	12,800 (58)	12,500 (62)	10,520 (69.5)
45			10,450 (14.5)	10,900 (35)	11,450 (46)	11,150 (53.5)	10,950 (58.5)	9,590 (67)
50				8,890 (24)	9,385 (40)	9,665 (48.5)	9,710 (54.5)	8,990 (64)
55					7,740 (32)	8,010 (43)	8,295 (50)	8,330 (61)
60					6,420 (22)	6,700 (37)	6,975 (45.5)	7,520 (58)
65						5,620 (30)	5,890 (40.5)	6,510 (55)
70						4,750 (21)	4,990 (35)	5,650 (52)
75							4,230 (28.5)	4,900 (48.5)
80							3,580 (20)	4,250 (44.5)
85								3,670 (41)
90								3,160 (36.5)
95								2,710 (31.5)
100								2,300 (26)
105								1,930 (18)
Minimum boom angle (deg.) for indicated length (no load)							0	0
Maximum boom length (ft.) at 0 degree boom angle (no load)							90	115

NOTE: () Boom angles are in degrees. A6-829-013090A
 * 52 ft. boom length is with inner-mid extended and outer-mid and fly retracted.
 @ Capacity is based upon maximum obtainable boom angle.
 #LMI operating code. Refer to LMI manual for operating instructions.

**NO LOAD STABILITY FOR 25 FT. - 43 FT. TELE BOOM EXTENSION
ERECTED:** With no load, the length or angle of the main boom is not restricted.

NO LOAD STABILITY ON RUBBER - 20.5R25 XHA* MICHELIN

	No Load Stability Data	Main Boom 90 ft.
Front (No Load)	Min. boom angle (deg.) for indicated length	15.5
	Max. boom length (ft.) at 0 deg. boom angle	80
360 Deg. (No Load)	Min. boom angle (deg.) for indicated length	60
	Max. boom length (ft.) at 0 deg. boom angle	41.5



NOTES FOR LIFTING CAPACITIES

WARNING: THIS CHART IS ONLY A GUIDE. The notes below are for illustration only and should not be relied upon to operate the crane. The individual crane's load chart, operating instructions and other instruction plates must be read and understood prior to operating the crane.

1. All rated loads have been tested to and meet minimum requirements of SAE J1063 OCT90 - Cantilevered Boom Crane Structures - Method of Test, and do not exceed 85% of the tipping load on outriggers fully extended and 50% extended, and 75% of the tipping load on outriggers 0% extended (fully retracted) and rubber, as determined by SAE J765 OCT 90 Crane Stability Test Code.
2. Capacities given do not include the weight of hookblocks, slings, auxiliary lifting equipment and load handling devices. Their weights **MUST** be added to the load to be lifted. When more than minimum required reeving is used, the additional rope weight shall be considered part of the load.
3. Defined Arc $\pm 6^\circ$ on either side of longitudinal centerline of machine.
4. Capacities appearing above the bold line are based on structural strength and tipping should not be relied upon as a capacity limitation.
5. All capacities are for crane on firm, level surface. It may be necessary to have structural supports under the outrigger floats or tires to spread the load to a larger bearing surface.
6. When either boom length or radius or both are between values listed, the smallest load shown at either the next larger radius or boom length shall be used.
7. Tires shall be inflated to the recommended pressure before lifting on rubber.
8. For outrigger operation, **ALL** outriggers shall be fully extended with tires raised free of ground before raising the boom or lifting loads.

Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustrations shown may include optional equipment and accessories and may not include all standard equipment.



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ON RUBBER 20.5R25 XHA* MICHELIN TIRES (STATIONARY - DEFINED ARC OVER FRONT)

Radius in Feet	#9005						
	Main Boom Length in Feet						
	32	41	*52	60	70	80	90
10	36,000 (64.5)	32,200 (70.5)	27,650 (75.5)				
12	30,800 (60)	27,950 (67.5)	24,600 (73)				
15	25,100 (53.5)	23,200 (63)	20,900 (69.5)	20,900 (72.5)	20,900 (75.5)		
20	18,900 (40)	17,650 (54.5)	16,200 (63.5)	16,200 (67.5)	16,200 (71)		
25	13,000 (17.5)	12,650 (44.5)	12,150 (56.5)	12,750 (62)	12,750 (66.5)	12,750 (70)	
30		9,000 (32)	8,630 (49.5)	9,140 (56)	9,790 (62)	10,100 (66)	10,100 (69)
35			8,260 (41)	8,730 (50)	9,320 (57)	9,810 (62)	10,310 (65.5)
40			4,570 (31)	5,010 (43)	5,570 (52)	6,000 (58)	6,310 (62)
45			3,310 (14.5)	3,730 (35)	4,250 (46)	4,850 (53.5)	4,900 (58.5)
50				2,760 (24)	3,230 (40)	3,600 (48.5)	3,970 (54.5)
55					2,410 (32)	2,760 (43)	3,110 (50)
60					1,750 (22)	2,070 (37)	2,400 (45.5)
65						1,500 (30)	1,810 (40.5)
70						1,030 (21)	1,320 (35)

A6-829-013081

ON RUBBER (STATIONARY CAPACITIES - 360°)

Radius in Feet	#9005						
	Main Boom Length in Feet						
	32	41	*52	60	70	80	90
10	30,300 (64.5)	29,100 (70.5)	27,650 (75.5)				
12	25,900 (60)	25,000 (67.5)	24,000 (73)				
15	19,600 (53.5)	19,200 (63)	18,650 (69.5)	18,650 (72.5)	18,650 (75.5)		
20	12,350 (40)	11,900 (54.5)	11,300 (63.5)	11,900 (67.5)	11,900 (71)		
25	8,580 (17.5)	8,060 (44.5)	7,420 (56.5)	7,900 (62)	8,500 (66.5)	8,830 (70)	
30		5,550 (32)	5,010 (49.5)	5,440 (56)	5,980 (62)	6,280 (66)	6,420 (69)
35			3,380 (41)	3,770 (50)	4,270 (57)	4,460 (62)	4,460 (65.5)
40			2,180 (31)	2,480 (43)	2,950 (52)	2,950 (58)	2,950 (62)
45				1,560 (35)	1,760 (46)	1,760 (53.5)	1,760 (58.5)

A6-829-013082

ON RUBBER (PICK & CARRY CAPACITIES - UP TO 2.5 MPH)

Radius in Feet	#9006						
	Main Boom Length in Feet						
	32	41	*52	60	70	80	90
10	33,600 (64.5)						
12	32,100 (60)						
15	26,500 (53.5)	26,150 (63)					
20	19,100 (40)	18,700 (54.5)	18,150 (63.5)	18,850 (67.5)			
25	13,000 (17.5)	12,650 (44.5)	12,150 (56.5)	12,750 (62)	13,500 (66.5)	14,150 (70)	
30		6,440 (32)	6,110 (49.5)	6,580 (56)	7,180 (62)	7,690 (66)	8,210 (69)
35			4,470 (41)	4,920 (50)	5,500 (57)	5,980 (62)	6,450 (65.5)
40			3,190 (31)	3,630 (43)	4,190 (52)	4,630 (58)	5,080 (62)
45			2,160 (14.5)	2,590 (35)	3,130 (46)	3,550 (53.5)	3,970 (58.5)
50				1,770 (24)	2,270 (40)	2,670 (48.5)	3,060 (54.5)
55					1,550 (32)	1,930 (43)	2,300 (50)
60						1,300 (37)	1,660 (45.5)
65							1,110 (40.5)

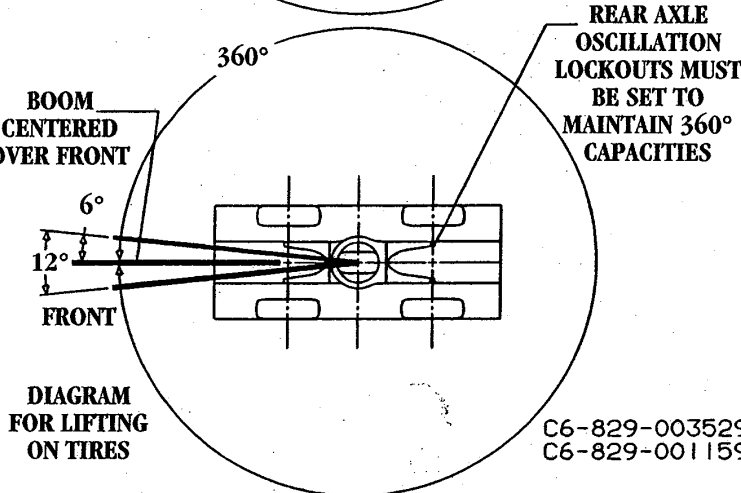
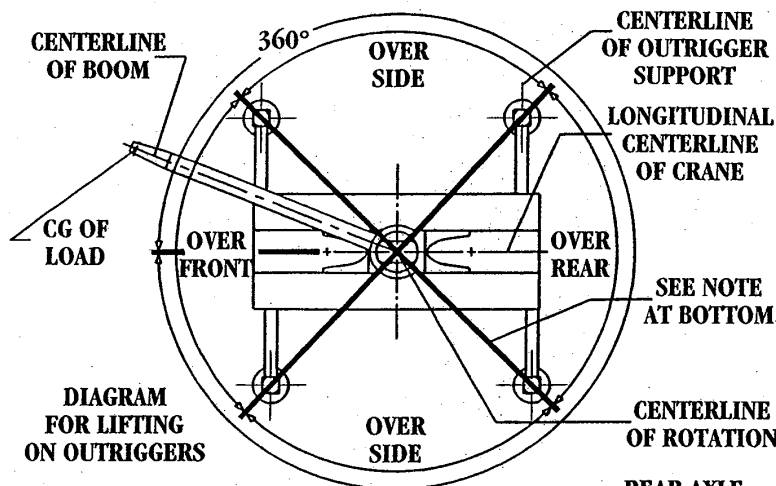
NOTE: () Boom angles are in degrees.

* 52 ft. boom length is with inner-mid extended and outer-mid and fly retracted.

A6-829-013083

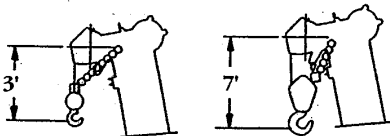


WORKING AREA DIAGRAM



C6-829-003529
C6-829-001159

BOLD LINES DETERMINE THE LIMITING POSITION OF ANY LOAD FOR OPERATION WITHIN WORKING AREAS INDICATED



DIMENSIONS ARE FOR LARGEST GROVE FURNISHED HOOK BLOCK AND HEADACHE BALL, WITH ANTI-TWO BLOCK ACTIVATED.

LINE PULLS AND REEVING INFORMATION

HOISTS	CABLE SPECS.	PERMISSIBLE LINE PULLS	NOMINAL CABLE LGTH.
Main & Aux Model 15	5/8" (16mm) 18x19 Class or 35x7 Rotation Resistant Min. Breaking Str. 45,400 lbs.	9,080 lbs.	450 ft.

WEIGHT REDUCTIONS FOR LOAD HANDLING DEVICES

25 FT. NON-OFFSETTABLE BOOM EXTENSION	
*Stowed	243 lbs.
*Erected -	1,526 lbs.
25 FT. OFFSETTABLE BOOM EXTENSION	
*Stowed	430 lbs.
*Erected -	3,219 lbs.
25 FT. - 43 FT. TELE. BOOM EXTENSION	
*Stowed	593 lbs.
*Erected (Retracted) -	3,953 lbs.
*Erected (Extended) -	5,092 lbs.

*Reduction of main boom capacities

AUXILIARY BOOM HEAD	160 lbs.
HOOKBLOCKS and HEADACHE BALLS:	
30 Ton, 4 Sheave	600 lbs.+
30 Ton, 4 Sheave w/cheekplates	723 lbs.+
15 Ton, 2 Sheave	378 lbs.+
5 Ton Headache Ball	172 lbs.+

+Refer to rating plate for actual weight.



Carrier specifications

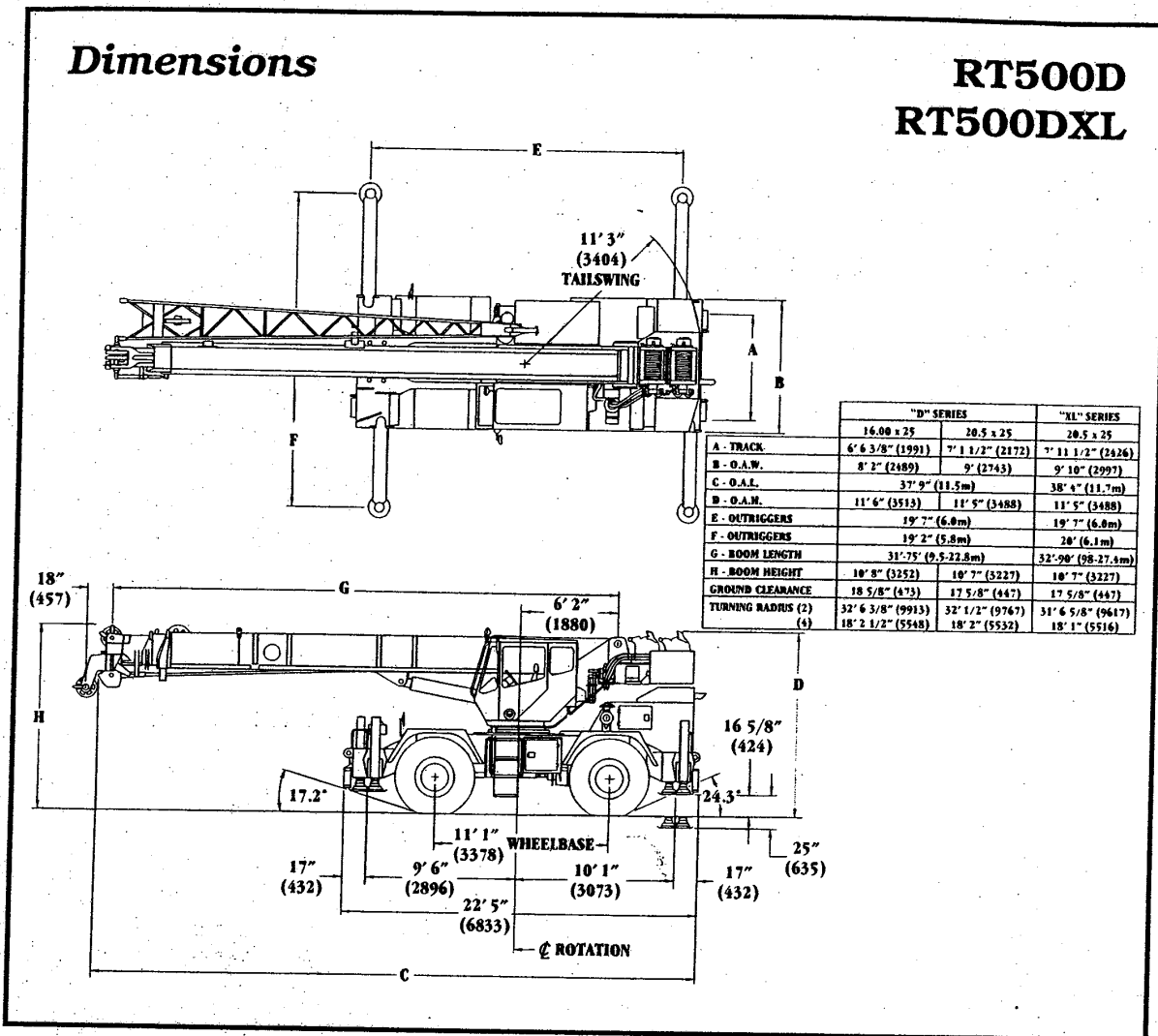
Frame	High strength alloy steel all welded box section design with integral outrigger housings and front/rear lifting, towing and tie down lugs. Built in hook block and headache ball stowage.
Outrigger System	Hydraulic single stage double box telescopic beam type outrigger with inverted jack and integral holding valves. Three position setting with fully extended, intermediate (50%) extended and fully retracted capacities. Intermediate extension is manually pinned. All steel fabricated quick release type square outrigger floats, 16.5" (429mm) diameter. Maximum outrigger pad load 47,941 lbs. (21746 kg).
Outrigger Controls	Located in cab on front dash panel requires two hand operation. Crane level indicator located in cab.
Engine	Cummins 6BT 5.9 six cylinder turbocharged water cooled diesel-5.9L 145 bhp (108 kw) (Gross) @ 2,200 RPM. Maximum torque 400 ft. lbs. (553 kg/m) @ 1,600 RPM. Remote mounted fuel filter and oil filter.
*Optional Engine	Caterpillar 3116 T six cylinder, turbo-charged water cooled diesel 145 bhp (108kw) (Gross) @ 2,200 RPM. Maximum torque 442 ft. lbs. (599 kg/m) @ 1,450 RPM. Remote mounted fuel filter and oil filter.
Fuel Tank Capacity	60 gallons (227 L)
Electrical System	Two 12-volt - maintenance free batteries, 815 CCA @ 0 degree F. 24 volt starting/lighting. Battery disconnect switch and power slave receptacle (Jump start aid).
Drive	4 x 4
Steering	Fully independent power steering: Front: Full hydraulic controlled by steering wheel. Rear: Full hydraulic switch controlled. Provides infinite variations of 4 main steering modes - front only, rear only, crab and coordinated. Rear steer indicating gauge and automatic steering reversal.
Transmission	Engine mounted full powershift with 8 forward and 4 reverse speeds. Rear axle disconnect for 4x2 travel. Remote mounted transmission oil filter and oil cooler.
Axes	Front: Drive-steer with differential and planetary reduction hubs rigid mounted to the chassis frame. Rear: Drive-steer with differential and planetary reduction hubs pivot mounted at the center of chassis frame providing up to 12" oscillation (305mm). *Optional cross axle differential lock.
Oscillation Lockouts	Automatic full hydraulic lockouts on rear axle permits oscillation only with boom centered over the front. *Optional oscillation lockout override control.
Brakes	Full hydraulic disc-type, split circuit operating on all wheels. Spring-applied, hydraulically released transmission mounted parking brake.

Tires	20.5x25-24 P.R. Bias Earthmover type. *20.5R25 Michelin radial. *16.00x25-28 PR Bias Earthmover type.
Lights	Full lighting including turn indicators, head, tail, brake and hazard warning lights.
Maximum Speed	24 MPH (39 kph)
Maximum Gradeability	74% (Theoretical based on 54,962 lbs. [24930 kg] GVW). 20.5x25 tires, pumps disengaged, 75 ft. (22.8m) boom, plus 25 ft. (7.6m) swingaway.
Gross Vehicle Weight & Axle Loads	D SERIES MACHINE Front: 28,787 lbs. (13057 kg) Rear: 26,175 lbs. (11873 kg) G.V.W.: 54,962 lbs. (24930 kg) XL SERIES MACHINE Front: 30,079 lbs. (13643 kg) Rear: 27,377 lbs. (12418 kg) G.V.W.: 57,456 lbs. (26061 kg)
Miscellaneous Standard Equipment	Full width steel fenders, dual rear view mirrors, hookblock tiedown, electronic back-up alarm, headache ball stowage, tool box compartment. light package, front stowage well, tachometer, cold start aid (less canister), rear wheel position indicator, hot water heater, hoist mirrors, engine distress A/V warning system. Auxiliary hoist control valve arrangement (less hoist), 360° positive swing lock and automatic steering reversal.
*Optional Equipment	* Auxiliary hoist * Boom mounted worklights * 360° flashing light * Cab spotlight * Engine block heater * Hookblocks (Quick reeve type) * Tow winch - front mounted-maximum pull 15,000 lbs. (6804 kg); maximum speed - 92 ft/min. (28m/min) * Spare wheel assembly * Tool kit * Pintle hook front/rear * High Speed Glide† system * Air conditioning * Dual axis joystick controllers * LMI light bar (Internal or external) * Emergency steer pump * Automatic steering control * Headache ball * Automatic grease system for turntable bearing * 3rd wrap indicator (main or auxiliary) * Worklight, hoist mounted * Self stowing outrigger pads

*Denotes optional equipment

†Patented Grove feature





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Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustrations shown may include optional equipment and accessories and may not include all standard equipment.

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