

## **GROVE**,

# RT875E







## **features**



 The Grove MEGAFORM™ boom shape eliminates weight and increases capacity compared to conventional shapes.



• Max. tip height of 232 ft. (70.6 m) w/56 ft. (17.0 m) bi-fold • Electronically controlled Cummins diesel and (2) 20 ft. (6.1 m) inserts.



For improved operator comfort and visibility of the boom load the cab can be tilted up to 20°.



engine provides plenty of power at the jobsite.





## specifications

#### Superstructure



41 ft. - 128 ft. (12.6 m - 39.0 m) four-section, sequenced synchronized full power boom. Maximum tip height: 138 ft. (41.9



#### Lattice Extension

33 ft.-56 ft. (10.0 m-17 m) offsettable bifold lattice swingaway extension. Offsets 0°, 20°, and 40°. Stows alongside base boom section. Maximum tip height: 192 ft. (58.6 m).



#### \*Optional Lattice Extension Inserts

(2) x 20 ft. (6.1 m) lattice extension inserts. Installs between the boom nose and bifold extension, non-stowable. Maximum tip height: 232 ft. (70.6 m).



#### Boom Nose

Four nylatron sheaves mounted on heavy-duty tapered roller bearings with removable pin-type rope guards. Quick-reeving type boom nose. Removable auxiliary boom nose with removable pin type rope guard.



#### <table-of-contents> Boom Elevation

One double-acting hydraulic cylinder with integral holding valve provides elevation from -3° to +78°.



#### Load Moment & Anti-Two Block System

Standard "Graphic Display" load moment and anti-two block system with audio-visual warning and control lever lockout. These systems provide electronic display of boom angle, length, radius, tip height, relative load moment, maximum permissible load, load indication and warning of impending two-block condition. The standard Work Area Definition System allows the operator to pre-select and define safe working areas. If the crane approaches the pre-set limits, audio-visual warnings aid the operator in avoiding job-site obstructions.



Full-vision, all-steel fabricated with acoustical lining and tinted safety glass throughout, Cab tilts to +20 degrees. Deluxe seat incorporates armrest-mounted hydraulic single-axis controllers. Dash panel incorporates gauges for all engine functions. Other standard features include: hot water heater, cab circulating air fan, sliding side and rear windows, sliding skylight with electric wiper and sunscreen, electric windshield wash/wipe, fire extinguisher and seat belt.

#### Swing

Two speed, planetary swing drive with foot-applied multi-disc wet brake. Spring applied, hydraulically-released swing brake. Single position mechanical house lock, operated from cab. Maximum speed: 2.0 RPM.



#### Counterweight

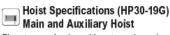
18,000 lbs. (8 165 kg). Hydraulically installed and removed.



Two main pumps ([1] piston and [1] gear) with a combined capacity of 133 GPM (503 LPM).

Maximum operating pressure: 4000 psi (277.7 bar).

Three section pressure compensated valve bank. Return line type filter with full flow by-pass protection and service indicator. Replaceable cartridge with micron filtration rating of 5/12/16. 263 gallon (995 L) hyd. reservoir. Carrier mounted oil cooler with thermostatically controlled hydraulic motor driven fan/air to oil. System pressure test ports.



Planetary reduction with automatic spring applied multi-disc wet brake. Electronic hoist drum rotation indicators and hoist drum cable followers.

Maximum Single Line Pull:

1st layers: 20,250 lb. (9 185 kg) 3rd layer: 17,010 lb. (7 715 kg) 5th layer: 14,660 lb. (6 650 kg)

Maximum Permissible Line Pull:

16,800 lb. (7 620 kg) with 6 x 37 class rope 16,800 lb. (7 620 kg) with 35 x 7 class rope

Maximum Single Line Speed: 514 FPM (156 m/min)

Rope Construction:

6 x 36 EIPS IWRC, Special Flexible 35 x 7 Flex-X, Rotation Resistant

Rope Diameter: 3/4" (19 mm)

Rope Length:

600 ft. (182.8 m) Auxiliary Hoist: 600 ft. (182.8 m)

Maximum Rope Stowage: 841 ft. (256 m)

\*Denotes optional equipment







## specifications

#### Carrier



#### Chassis

Box section frame fabricated from high-strength, low alloy steel. Front/rear towing and tie down lugs.

#### Dutrigger System

Four hydraulic telescoping single-stage double box beam outriggers with inverted jacks and integral holding valves. Three position setting, 0%, 50% and fully extended. All steel fabricated, quick-release type round outrigger floats, 30.5 in. (775 mm) diameter. Maximum outrigger pad load: 125,000 lb. (56 700 kg).

#### Gutrigger Controls

Controls and crane level indicator located in cab.

#### Engine (Tier III)

Cummins QSB 6.7L diesel, six cylinders, 275 bhp (205 kW) (Gross) @ 2,500 rpm. Maximum torque: 728 ft. lbs. (987 Nm) @ 1,500 RPM.

#### Fuel Tank Capacity

72 gallons (273 L)

#### ○ Transmission

Full rangeshift with 6 forward and 6 reverse speeds. Front axle disconnect for  $4 \times 2$  travel.

#### **4** Electrical System

Two 12-V maintenance free batteries. 12-V starting and lighting. Battery disconnect. CanBus Diagnostic system.

#### Drive

4 x 4

#### T Steering

Fully independent power steering:

Front: Full hydraulic, steering wheel controlled.

Rear: Full hydraulic, switch controlled.

Provides infinite variations of 4 main steering modes: front only, rear only, crab and coordinated.

Rear steer indicator.

Turning radius - 25 ft.

#### → Axles

Front: Drive/steer with differential and planetary

reduction hubs rigid-mounted to frame.

Drive/steer with differential and planetary

Rear: Drive/steer with differential and planetar reduction hubs pivot-mounted to frame.

#### Oscillation Lockouts

Automatic full hydraulic lockouts on rear axle permits 10 in. (25.4 cm) oscillation only with boom centered over the front.

#### O Brakes

Full hydraulic split circuit brakes operating on all wheels. Springapplied, hydraulically released parking brake mounted on front axle.

#### U Tires

Std. 29.5 x 25 - 34 bias ply, General.

#### Lights

Full lighting including turn indicators, head, tail, brake and hazard warning lights.

#### Maximum Speed

22 MPH (35 kph).

#### Gradeability (Theoretical)

75% (Based on 108,158 lb. [49 060 kg] GVW) 29.5 x 25 tires, 128 ft. (39.0 m) boom, plus 56 ft. (17.0 m) swingaway, 18,000 lb. (8 165 kg) counterweight, 75T hookblock and 10T headache ball).

#### Miscellaneous Standard Equipment

Full width steel fenders, full length aluminum decking, dual rear view mirrors, hookblock tiedown, electronic back-up alarm, light package, front stowage well, tachometer/hourmeter, rear wheel position indicator, 36,000 BTU hot water cab heater, hoist mirrors, engine distress A/V warning system, front/rear tie down and two lugs, coolant sight level indicator.

#### \*Optional Equipment

\*Auxiliary Lighting Package (includes cab mounted amber flashing light, hoist mounted work light, and dual base boom mounted floodlights.)

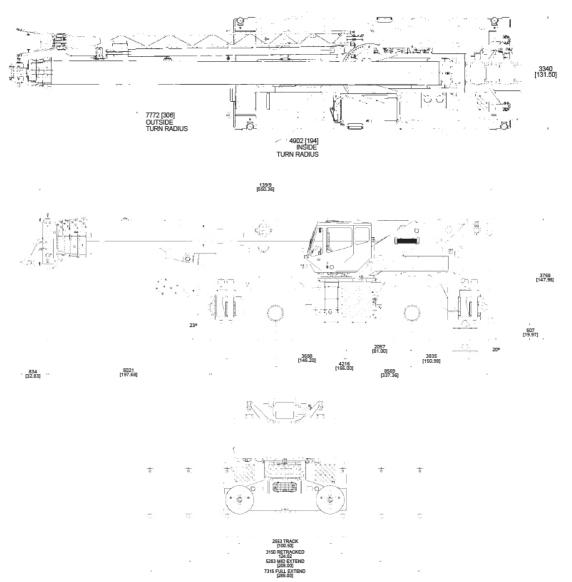
- \*LMI light bar (in cab)
- \*Air Conditioning (28,500 BTU)
- \*360 degree NYC style mechanical swinglock
- \*Rear Pintle hook
- \*Cab controlled cross axle differential locks, (front and rear)
- \*PAT data logger
- \*Rubber mat for stowage trough

\*Denotes optional equipment

# RT875E



## dimensions



Note: Reference dimensions in mm [inches]

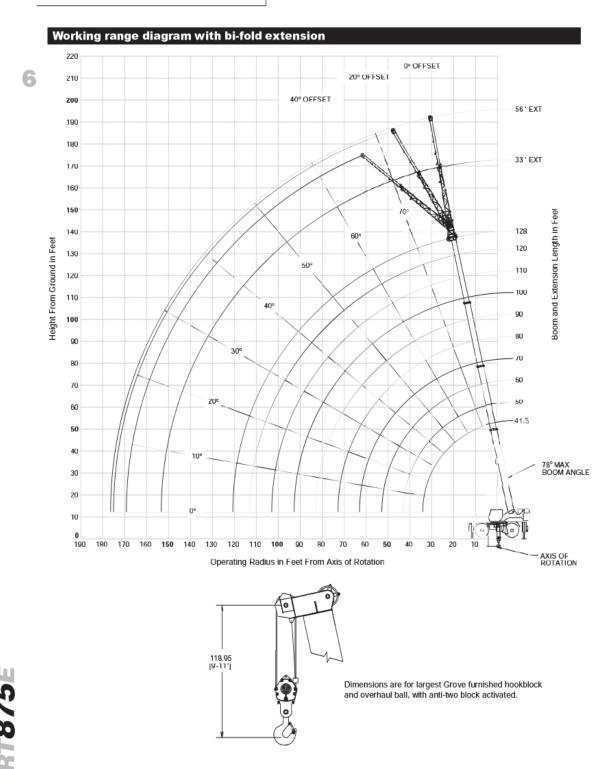
Weights						
	GVW		Fr	ont	Rear	
	lb.	kg	lb.	kg	lb.	kg
RT875E Basic Machine						
Basic Machine including 128 ft. main boom, main and aux. hoist with 600 ft. of rope, 56' (17 m) bifold swingaway, full counterweight, 10T headache ball, and 75T hookblock:	108,158	49 060	53,888	24 444	54,270	24 617
Remove counterweight and aux. hoist. 56' (17 m) bifold.	87,917	39 879	63,520	28 813	24,397	11 066
Remove counterweight, aux. hoist, and 56' (17 m) bifold swingaway.	85,285	38 685	58,725	26 638	26,560	12 048







## working range



THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE.



## **RT875E load chart**

3-128 ft.	18,000 lbs		00%	300*						
<b>7</b>		24"	spread		P.	ounds				
Feet					fain Boom Lang					
	41.3 +150.000	124,000	105,500	<b>"</b> 70	80	90	100	110	120	128
10	(71)	(74.5)	(77.5)	59.500						
12	+150,000 (67.5)	124,000 (72)	105,500 (75.5)	(78)						
15	130,000	124,000 (68.5)	104,000 (72.5)	59,500 (75.5)	42,100 (78)	*42,000 (78)				
20	100,000 (54.5)	99,850	85,900 (67.5)	59,500 (71)	42,100 (74)	42,000 (76)	*39,650 (78)	*31,950 (78)		
25	80,550	80,250	72,550	57,050	42,100	42,000	39,650	31,950	*25,750	*22,000
30	(44.5) 59,050	(55) 58,150	(62) 57,850	(96.5) 49,300	(70) 42,100	(73) 39,050	(75) 36,150	(77) 31,950	(78) 25,790	(78) 22,000
	(31.5)	(47) 43,290	(56) 43,000	(62) 42,600	(96) 38,190	(69.5) 34,100	(72) 31,390	(74) 29.300	(76) 25,750	(77) 22,000
35		(37.5)	(49.5)	(57)	(62)	(96)	(68.5)	(71.5)	(73.5)	(74.5)
40		33,600 (24.5)	33,400 (42.5)	32,950 (52)	33,750 (58)	30,090 (62)	27,500 (65.5)	25,650 (68.5)	23,900 (71)	22,000 (72.5)
45			26,600	26,200 (46)	27,400 (53)	26,750 (58.5)	24,400 (62)	22,700 (65.5)	21,450 (68)	20,650 (70)
50	See Note 16		21,600	21,150	22,450	23,290 (545)	21,850	20,250	19,100	18,350
55				17,290	18,690	19,400	19,700	18,200 (59.5)	17,100	16,400
60				14,200	15,600	(90) 16,400	17,090	16,450	15,450	14,790
				(21)	(37) 13,100	(45.5) 13.850	(51.5) 14,590	(56) 14,950	(80) 14,000	(62.5)
65					(29.5) 11.050	(40.5) 11.800	(47.5) 12.490	(53) 12,900	(67) 12,700	(59.5) 12.150
70					(19)	(34.5)	(43)	(49.5)	(54)	(57)
76						10,000 (28)	10,700 (385)	11,200 (45.5)	11,600 (51)	11,050
80						8,540 (18)	9,170 (33)	9,670 (41.5)	10,150 (47.5)	10,100 (51)
85							7,860 (265)	8,360	8,850 (44)	9,180 (48)
90							6,710 (17.5)	7,210 (32)	7,700	8,050
95							(112)	6,200	6,700	7,050
100								(25.5) 5,310 (17)	(35.5) 5.800 (30.5)	(41) 6,160 (37)
								(17)	(30.5) 5,010	5.360
105									(25) 4.290	(32.5)
110									(16.5)	4,640 (27.5)
115										4,000 (21.5)
120										3,410 (10.5)
mum boom	angle (deg.) for inc	ficated length (r	no load)							9
capa otyle	length (ft.) at 0 de code. Refer to LMI sbased upon meek ingles are in degre uired to lift this cap	manual for insi num obtainable es.	ructions. boom angle.	efer to Operator's	& Safety Handb	ok for ree ving die	agram.			120
			Lifting C		Degree Boom					
Boom Angle	41.3	50	60	-70	Main Boom Lang 80	th in Feet 90	100	110	120	
O*	20,750 (34.1)	15,150	10,500	6,700	5,100	3,900 (828)	2,900 (92.8)	2,000	1,300 (112.8)	

41.3 - 128 ft.	33 - 56 %	18,000 lbs		F	360*	
			)	24 ft.s		
	,	S ft. LENG	-	Pounds	95 ft. LENG	TH
<u>ā</u>	OFFSET	20° DFFSET	40° OFFSET	OFFSET	20° OFFSET	40° OFFSET
Feet	#0021	#00 22	#0023	#0041	#0042	#0043
35	11,900 (78)					
40	11,900			6,090		
45	11,900 (75.5)	*11,900 (78)		6,090 (77.5)		
50	11,900 (73.5)	10,600 (76.5)	*9,790 (78)	6,090		
55	11,900 (71.5)	9,770	8.470	6.090 (74.5)		
60	11,000	9,020 (72.5)	7,920 (75)	6,090 (72.5)	*6,090 (78)	
65	(67.5)	8,360 (70.5)	7,430 (73)	6,090	5,900 (76.5)	
70	9,190 (65.5)	7,780	6,980 (71)	6,090	5,730 (75)	*5,080 (78)
75	8,460	7,260	6,580	6,080	5,330	4,640
80	(63.5) 7,820 (61.5)	(66.5) 6,790 (64.5)	(69) 6,210 (96.5)	(67.5) 6,040	(73) 4,980 (71.5)	(77) 4,370 (75.5)
85	7,250 (59.5)	6,370	5,870 (64.5)	(96) 5,570 (64)	4,650 (69.5)	4,120 (73.5)
90	6,740	5,990	5,560	5,150 (62.5)	4,360	3,890
95	(57) 6,290 (56)	(90) 5,640 (57,5)	(62) 5,290 (60)	4,780 (60.5)	(67.5) 4,090 (96)	(71.5) 3,690 (99.5)
100	5,890	5,320	5,020 (57.5)	4,440 (58.5)	3,840	3,480
105	5,510	5,030	4,770	4,130	3,610	3,300
110	(90) 5,170	(53) 4,760 (50.5)	(55) 4,550 (52)	(56.5) 3,850 (54.5)	3,400	(65.5) 3,130 (63.5)
115	(47.5) 4.830	4.510	4.340	3,590	(90) 3,200	2,970
120	(45) 4,230	(47.5) 4,280	(49.5) 4,150	(52.5)	(58) 3,020	(61) 2,820
125	(4.2) 3,690	(45) 3,960	(46.5)	(50.5)	(55.5)	(59) 2,690
	(39) 3,200	(41.5)		(48)	(63.5) 2,690	(56.5)
130	(36)	(38.5)		(46) 2,760	(51) 2,540	(54) 2,420
135	(32)	(35)		(435) 2,990	(48.5)	(81.5)
140	(28)	(30.5)		(41) 2.430	(46)	(48.5)
145	(23)			(385)	2,270 (43.5)	
150	1,580 (16.5)			(35.5) 1.730	2,140 (40.5)	
155				(325)	2,030 (37)	
160				1,420 (29)	(33.5)	
165				1,120 (245)		
Minimum boom angle (*) for indicated lengt (no load)	h 15	28	44	23	31	46
Maximum boom leng	th	410			110	

NOTE: ( ) Boom angles are in degrees.

ALMI operating code. Refer to LMI manual for operating instructions.

#### NOTES:

- 1. All capacities above the bold line are based on structural strength of boom extension and do not exceed 85% of tipping loads, in accordance with SAE J-765. 2. The 33 ft. extension length may be used with single or double part line lifting service. The 56
- ft. extension length may be used for single line lifting service only. For main boom lengths less than 128 ft. with the boom extension erected, 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 set up. For boom angles not shown, use the rating of the next lower boom angle.

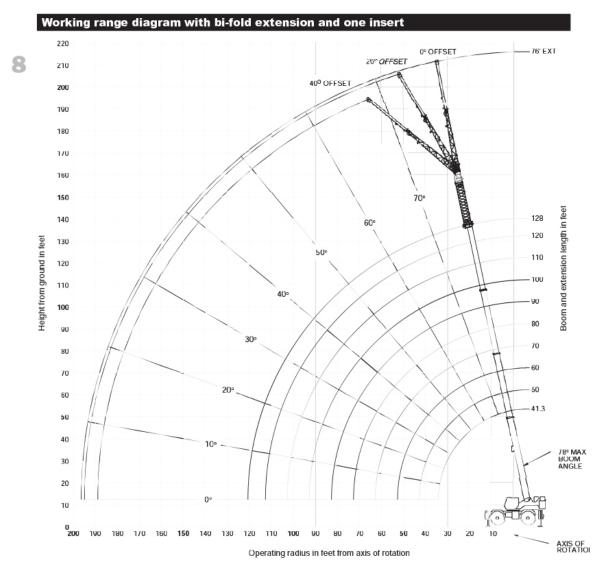
  4. WARNING: Operation of this machine with heavier loads than the capacities listed is strictly
- prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
- 5. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
- Capacities listed are with outriggers properly extended and vertical jacks set only.
   When lifting over the main boom nose with 33 ft. or 56 ft. extension erected, the outriggers
- must be fully extended or 50% extended (17 ft. 4 in. spread).

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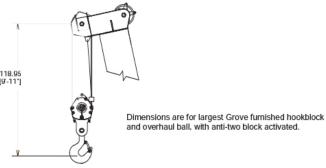




## working range





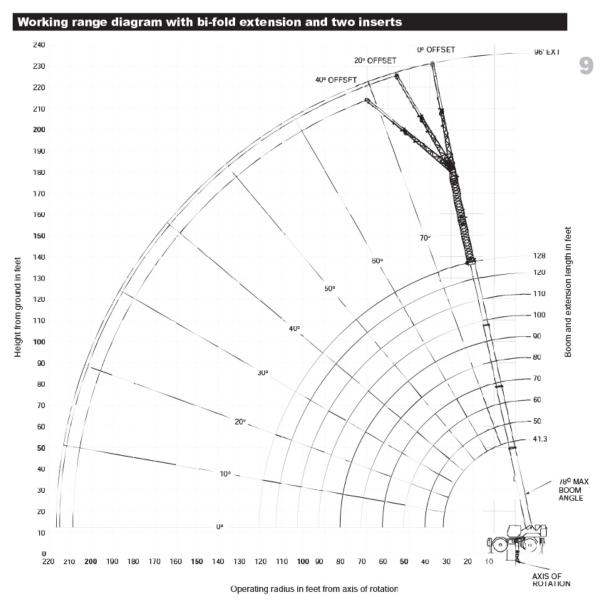


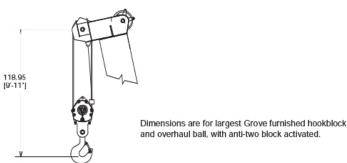
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GROVE.



## working range





875

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## **RT875E load chart**

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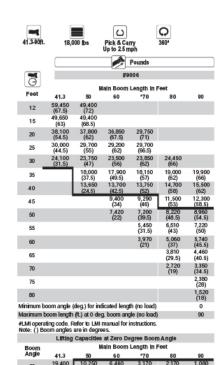
41.3-128 ft.	33-56 ft.	20 ft. ins	ert 18,00	00 lbs 25	100% ft. spread	<b>Q</b>
(		A46		Pounds		
7	76 ft. (56 ft.				LENGTH+2	
Feet	OFFSET	OFFSET	OFFSET	OFFSET	20° OFFSET	40° OFFSET
50	#0084 4,850	#0085	#0086	#0084	#0085	#0086
55	(78) 4,850 (77.5)			3,520 (78)		
60	4,850 (76)			3,520 (77.5)		
65	4,850 (74.5)	*5,290 (78)		3,520 (76.5)		
70	4,850 (73)	4,860 (77.5)		3,520 (75)		
75	4,850 (71.5)	4,470 (76)		3,520 (73.5)	3,740 (78)	
80	4,730 (70)	4,110 (74.5)	*4,050 (78)	3,520 (72.5)	3,420 (76.5)	
85	4,310 (68.5)	3,790 (73)	3,500 (76.5)	3,300	3,100 (75)	*3,250 (78)
90	3,940 (67)	3,500	3,260 (75)	2,970 (69.5)	2,820 (73.5)	2,720 (77)
95	3,610 (65.5)	3,240 (69.5)	3,030	2,660 (68)	2,560 (72)	2,490 (75.5)
100	3,310 (64)	3,000	2,830 (71.5)	2,390 (66.5)	2,320 (71)	2,270 (74)
105	3,040 (62)	2,770 (66)	2,630 (69.5)	2,140 (65)	2,100 (69.5)	2,070 (72)
110	2,790 (60.5)	2,570 (64.5)	2,450 (68)	1,920 (63.5)	1,900 (68)	1,890 (70.5)
115	2,560 (58.5)	2,370 (62.5)	2,280 (66)	1,710	1,710 (66.5)	1,710
120	2,350 (57)	2,200 (61)	2,120 (64)	1,520 (60.5)	1,540 (64.5)	1,550 (67.5)
125	2,160 (55)	2,030 (59)	1,970 (62)	1,350 (59)	1,380 (63)	1,390 (66)
130	1,990 (53)	1,880 (57)	1,830 (60)	1,190 (57.5)	1,230 (61.5)	1,250 (64)
135	1,820 (51.5)	1,730 (55)	1,700 (58)	1,040 (56)	1,080 (60)	1,110 (62.5)
140	1,670 (49.5)	1,590 (53)	1,570 (56)			
145	1,530 (47)	1,470 (51)	1,450 (53.5)			
150	1,400 (45)	1,340 (49)	1,340 (51.5)			
155	1,270 (43)	1,230 (46.5)	1,230 (48.5)			
160	1,160 (40.5)	1,120 (44)	1,130			
165	1,050	1,020 (41.5)				
Minimum boom a of for indicated length (no load	)	40	44	54	58	60
Maximum boom length (ft.) at 0° b angle (no load)	oom	70			60	
NOTE: ( ) Boom a #LMI operating co "This capacity is b RT875E - S/N 22	ngles are in de de. Refer to Li	di manual fo	or operating n angle.	instructions	. 46-	829-103655

#### NOTES:

- 1. All capacities above the bold line are based on structural strength of boom extension and do not exceed 85% of tipping loads, in accordance with SAE J-765.
- 2. The 56 ft. boom extension length may be used for single line lifting service only.
- 3. For main boom lengths less than 128 ft. with the boom extension erected, 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 set up. For boom angles not shown, use rating of the next lower boom angle.
- 4. WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
- 5. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
- 6. When lifting over the main boom nose with 56 ft. extension erected and inserts, the outriggers must be fully extended and

41.3-90 ft.	18,000 lbs		(L) Stationa	ıry	<b>Q</b> 360°	
				Pounds		
Ğ			#9	005		
		M	ain Boom L	ength in Feet		
Feet	41.3	50	60	*70	80	90
12	49,200 (67.5)	40,750 (72)				
15	39,150 (63)	35,700 (68.5)				
20	24,200 (54.5)	24,350 (62)	22,800 (67.5)	22,000 (71)		
25	16,200 (44.5)	16,200 (55)	15,600 (62)	15,950 (66.5)	15,850 (70)	1
30	11,250 (31.5)	11,250 (47)	10,950 (56)	10,650 (62)	11,600 (66)	12,150 (69.5)
35		7,900 (37.5)	7,690 (49.5)	7,270 (57)	8,420 (62)	8,820 (66)
40		5,490 (24.5)	5,280 (42.5)	4,880	6,020 (58)	6,330 (62)
45			3,430 (34)	3,110 (46)	4,130 (53)	4,480 (58.5)
50			1,350 (22)	1,740 (39.5)	2,610 (48.5)	3,040 (54.5)
55			,	,	1,360 (43)	1,070 (50)
inimum boor dicated lengt	n angle (de th (no load)	g.) for	21	38.5	42	49
laximum boo eg, boom an				5	0	

Note: () Boom angles are in degrees. "This boom length is with inner-mid fully extended and outer-mid & fly fully Lifting Capacities at Zero Degree Boom Angle Main Boom Length in Feet



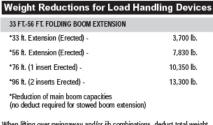
- 1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE
- 2. Capacities are applicable to machines equipped with 29.6x25 (34 ply) General tires at 76 psi cold inflation pressure.
- 3. Capacities appearing above the bold line are based on structural strength and tipping should not be relied upon as a capacity limitation.
- 4. Capacities are applicable only with machine on firm level surface.
- 5. On rubber lifting with boom extensions not permitted.
- For pick and carry operation, boom must be centered over front of machine, mechanical swing lock engaged and load restrained from swinging. When handling loads in the structural range with capacities close to maximum ratings, travel should be reduced to creep speeds.
- 7. Axle lockouts must be functioning when lifting on nubber
- 8. All lifting depends on proper tire inflation, capacity and condition Capacities must be reduced for lower tire inflation pressures. See lifting capacity chart for tire used. Damaged tires are hazardous to safe operation of crane.
- 9. Creep Not over 200 ft. of movement in any 30 minute period and not exceeding 1 mph.

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## load handling



When lifting over swingaway and/or jib combinations, deduct total weight of all load handling devices reeved over main boom nose directly from swingaway or jib capacity.

NOTE: All load handling devices and boom attachments are considered part of the load and suitable allowances MUST BE MADE for their combined weights. Weights are for Grove furnished equipment.

L	ine Pulls and Reeving l	nformatio	on
Hoists	Cable Specs	Permissible Line Pulls	Nominal Cable Length
Main	3/4* (19 mm) 6x37 Class, EIPS, IWRC Special Flexible Min. Breaking Str. 58,800 lb.	16,800 lb.	600 ft.
Main & Aux.	3/4" (19 mm) Flex-X 35 Rotation Resistant (non-rotating) Min. Breaking Strength 85,800 lb.	16,800 lb.	607 ft.

The approximate weight of 3/4" wire rope is 1.5 lb./ft.

Line Pulls and Reeving Information					
AUXILIARY BOOM NOSE	136 lb.				
HOOKBLOCK AND OVERHAUL BALL: 75 Ton, 4 Sheave 10 Ton, Overhaul Ball	1,275 lb.+ 568 lb. +				
+Refer to rating plate for actual weight.					

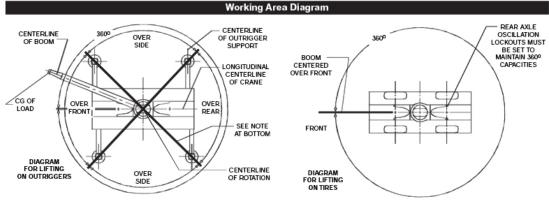
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ı	Boom Section vs. Section Extension Percentages										
ĺ					Main B	Boom L	ength i	n Feet			
		41.3	50	60	70	80	90	100	110	120	128
	Boom sections:				Per	rcent E	xtensio	n			
	Inner-mid	0	30	65	100	100	100	100	100	100	100
	Outer-mid	0	0	0	0	17	34	52	69	86	100
	-1	~				47					400

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Hoist Performance								
Wire Rope Layer	Hoist Line Pulls Two Speed Hoist Low High Available lb.* Available lb.		Drum Rope Capacity (ft.) 15 in. Drum * Layer Tot					
1	20,250	9,610	101	101				
2	18,490	8,770	110	211				
3	17,010	8,070	120	331				
4	15,750	7,470	129	460				
5	14,660	6,960	139	599				
	*Max. lifting ca	pacity: 6x37 or 35x7 d	lass = 16,800 lb.					

Installation and Removal of Counterweight and Auxiliary Hoist

	ung Capacities in Pounds gers Fully Extended – 360'
Radius in Feet	LMI Code #0801 Main Boom Length 41.3 ft.*
10	24,000
12	24,000
15	24,000
20	24,000
25	24,000
30	24,000
*The boo	m must be fully retracted.



Bold lines determine the limiting position of any load for operation within working areas indicated.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.





## GROVE

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