

RATED LIFTING C

| | ONC | UIKI | GGER | 2 FUL | LYEX | IEND | ED - 3 | 60. | |
|--------|--------------------|-----------|-------------|------------|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| Radius | | | Main Bo | om Leng | th in Fee | t | | | |
| in | | | | | | | | 74 | |
| Feet | 33 | 38 | 44 | 50 | 56 | 62 | 68 | 74 | 80 |
| 10 | 70,000 | 52,000 | 51,000 | | | | | | |
| | (64.5) | (68) | (71) | | | | | | |
| 12 | 52,500 | 52,000 | 51,000 | 44,900 | 40,500 | | | | |
| | (60.5) | (64.5) | (68.5) | (71.5) | (73.5) | | | | |
| 15 | 42,000 | 42,000 | 42,000 | 40,200 | 36,000 | 31,000 | 26,000 | | |
| | (54) | (59.5) | (64) | (67.5) | (70.5) | (72.5) | (74.5) | | |
| 20 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 24,500 | 23,000 | 21,500 | 20,000 |
| | (42.5) | (50) | (56.5) | (61) | (64.5) | (67.5) | (70) | (72) | (73.5) |
| 25 | 22,700 | 22,700 | 22,700 | 22,700 | 22,700 | 20,800 | 19,750 | 18,200 | 17,700 |
| | (26.5) | (39) | (48) | (54.5) | (59) | (62.5) | (65.5) | (67.5) | (69.5) |
| 30 | | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 | 16,650 | 15,800 | 14,950 |
| | | (24.5) | (38.5) | (47) | (52.5) | (57) | (60.5) | (63.5) | (65.5) |
| 35 | See | | 12,540 | 12,540 | 12,540 | 12,540 | 12,540 | 12,540 | 12,540 |
| | Warning Note 16 | | (26) | (38) | (46) | (51) | (55.5) | (59) | (61.5) |
| 40 | | | | 9,900 | 9,900 | 9,900 | 9,900 | 9,900 | 9,900 |
| | | | | (27.5) | (38) | (45) | (50) | (54) | (57.5) |
| 45 | | | | | 8,100 | 8,100 | 8,100 | 8,100 | 8,100 |
| | | | | | (28.5) | (37.5) | (44) | (49) | (53) |
| 50 | | | | | 6,700 | 6,700 | 6,700 | 6,700 | 6,700 |
| | | | | | (13) | (29) | (37.5) | (43.5) | (48) |
| 55 | | | | | | 5,600 | 5,600 | 5,600 | 5,600 |
| | | | | | | (16.5) | (29.5) | (37.5) | (43) |
| 60 | | | · | | | | 4,700 | 4,700 | 4,700 |
| | | | | | | | (19) | (30.5) | (37.5) |
| 65 | | | | | | | | 3,950 | 3,950 |
| | | | | | | | | (21) | (30.5) |
| 70 | | | | | | | | | 3,230 |
| | | | | | | | | | (22.5) |
| 74 | 1 | | | | | | | | 2,760 |
| | | | | | | | | | (11) |
| Minimu | m boom | angle (de | g.) for inc | dicated le | ngth (no | load) | The state of the s | | 0 |
| | | 3 | 3 7 | | | | | | |

NOTE: Boom angles are in degrees.

1,450 (i)

74

A6-829-007575 & -007587

ON RUBBER CAPACITIES

Maximum boom length (ft.)at 0 deg. boom angle (no load)

| | | · · · · · · · · · · · · · · · · · · · | | |
|------------|-----------------------------|---------------------------------------|------------------------|---------------------------------|
| Radius | Stationary Capacity | Stationary Capacity | Stationary Capacity | Pick&CarryCap. Up to 2.5 MPH |
| in Feet | Boom Centered Over Front | Defined Arc (2) Over Front | 360° Arc | Boom Centered (6) Over Front |
| 10 | 48,230 (a) | 37,400 (a) | 23,000 (b) | 37,600 (a) |
| 12 | 41,850 (b) | 31,300 (a) | 18,000 (c) | 32,500 (a) |
| 15 | 35,680 (b) | 25,600 (b) | 12,640 (d) | 27,500 (a) |
| 20 | 22,550 (c) | 19,500 (e) | 6,220 (e) | 20,250 (a) |
| 25 | 14,850 (e) | 14,850 (e) | 3,680 (h) | 14,850 (b) |
| 30 | 10,470 (f) | 10,470 (f) | 2,330 (i) | 10,470 (b) |
| 35 | 8,020 (f) | 8,020 (f) | 1,430 (i) | 8,020 (c) |
| 40 | 6,290 (f) | 6,290 (f) | | 6,290 (d) |
| 45 . | 5,030 (i) | 5,030 (i) | | 5,030 (f) |
| 50 | 4,070 (i) | 4,070 (i) | | 4,070 (f) |
| 55 | 3,320 (i) | 3,320 (i) | | 3,320 (f) |
| 60 | 2,720 (i) | 2,720 (i) | | 2,720 (g) |
| 65 | 2,220 (i) | 2,220 (i) | | 2,220 (h) |
| 70 | 1,760 (i) | 1,760 (i) | | 1,760 (i) |

1,450 (i)

1,450 (i)

A6-#29-007609A

Max Boo (a) (b) (c) (d)

80

 Cap.
 Defi Cap.

4. Axi fund łock

5, AII low 6. For and

max 7. On :

8. Cree 9: Cap

16.0

Courtesy of Crane.Market

RT635

35 TON CAPACITY 33 ft. - 80 ft. BOOM

(FULL POWER) PCSA CLASS 10-99 85% OF TIPPING - ON OUTRIGGERS 75% OF TIPPING - ON RUBBER

G CAPACITIES IN POUNDS

80

0,000

73.5) 7,700

69.5) 4,950

35.5) 2,540

31.5) 9,900

57.5) 8,100

6,700

48) 5,600

4,700 37.5)3,950

3,230

2,760

43)

ON OUTRIGGERS FULLY EXTENDED - OVER FRONT

| Radius in | | | Main Bo | om Leng | th in Fee | t | | | |
|------------------|----------------|------------|-------------|------------|-----------|--------|--------|--------|--------|
| Feet | 33 | 38 | 44 | 50 | 56 | 62 | 68 | 74 | 80 |
| 10 | 70,000 | 52,000 | 51,000 | | 1 | | | | |
| | (64.5) | (68) | (71) | | | | | | |
| 12 | 52,500 | 52,000 | 51,000 | 44,900 | 40,500 | | | | |
| | (60.5) | (64.5) | (68.5) | (71.5) | (73.5) | | | | |
| 15 | 42,000 | 42,000 | 42,000 | 40,200 | 36,000 | 31,000 | 26,000 | | |
| | (54) | (59.5) | (64) | (67.5) | (70.5) | (72.5) | (74.5) | | |
| 20 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 24,500 | 23,000 | 21,500 | 20,00 |
| | (42.5) | (50) | (56.5) | (61) | (64.5)_ | (67.5) | (70) | (72) | (73.5) |
| 25 | 22,700 | 22,700 | 22,700 | 22,700 | 22,700 | 20,800 | 19,750 | 18,200 | 17,70 |
| | (26.5) | (39) | (48) | (54.5) | (59) | (62.5) | (65.5) | (67.5) | (69.5) |
| 30 | | 17,800 | 17,800 | 17,800 | 17,800 | 17,400 | 16,650 | 15,800 | 14,95 |
| | | (24.5) | (38.5) | (47) | (52.5) | (57) | (60.5) | (63.5) | (65.5) |
| 35 | See Warning | | 14,900 | 14,900 | 14,900 | 14,900 | 14,200 | 13,700 | 12,90 |
| | Note 16 | | (26) | (38) | (46) | (51) | (55.5) | (59) | (61.5) |
| 40 | | | | 12,600 | 12,600 | 12,600 | 12,600 | 12,000 | 11,40 |
| | | | | (27.5) | (38) | (45) | (50) | (54) | (57.5) |
| 45 | | | | | 10,500 | 10,500 | 10,500 | 10,500 | 10,10 |
| | | | | | (28.5) | (37.5) | (44) | (49) | (53) |
| 50 | | | | | 9,320 | 9,320 | 9,320 | 9,320 | 9,05 |
| | | | | | (13) | (29) | (37.5) | (43.5) | (48) |
| 55 | | | | | | 8,120 | 8,120 | 8,120 | 8,12 |
| | | | | | | (16.5) | (29.5) | (37.5) | (43) |
| 60 | | | | | | | 7,120 | 7,120 | 7,120 |
| | | L | | | ļ | | (19) | (30.5) | (37.5) |
| 65 | | | | | | | | 6,260 | 6,260 |
| | | | | | | | | (21) | (30.5) |
| 70 | | | | | | | | | 5,530 |
| | | | | | | | | | (22.5) |
| 74 | | | | | | | | | 4,800 |
| | L | | | | | | | | (11) |
| Ainimu Aaximu | | angle (deg | j.) for inc | ficated le | ngth (no | load) | | | 0 |

NOTE: Boom angles are in degrees.

A6-829-007573 & -007587

NOTES FOR ON RUBBER CAPACITIES

| Maximum Permissible Boom Length: | · · · · · · · · · · · · · · · · · · · | | Main Boom 80 ft. |
|-------------------------------------|---------------------------------------|---------------------------------------------|------------------------|
| (a) 32 ft. (e) 56 ft. | Front | Min. boom angle (deg.) for indicated length | 0 |
| (b) 38 ft. (f) 62 ft. | (No Load) | Max. boom length (ft.) at 0 deg. boom angle | 80 |
| (c) 44 ft. (g) 68 ft. | 360° | Min. boom angle (deg.) for indicated length | 49 |
| (d) 50 ft. (h) 74 ft. | (No Load) | Max. boom length (ft.) at 0 deg. boom angle | 48.5 |

- 1. Capacities do not exceed 75% of tipping loads as determined by test in accordance with SAE J-765.
- 2. Defined Arc Over front includes ±6° on either side of longitudinal centerline of machine.
- 3. Capacities are applicable only with machine on firm level surface. 4. Axle lockouts must be functioning before lifting on rubber. (Check automatic lockout system for proper functioning: refer to "Operation and Maintenance Manual" for description of a proper functioning axle lockout system).
- 5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
- 6. For pick & 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. On rubber lifting with boom extension or jib is not permitted.
 8. Creep not over 200 ft. (61 m) of movement in any 30 minute period and not exceed 1 mph (1.6 kph).
 9. Capacities are applicable to machines equipped with the following tires:

| Size | Static & Creep Cold Inflation Pressure | : |
|-------------------------------------|-------------------------------------------|---|
| 16.00×25 (28 PR) | 100 PSI | |
| 18,00×25 (24 PR) 23 5×25 (24 PR) | 100 PSI 75 PSI | |
| Michelin 23 5x25XRA* | 75 PSI | |



FULL HYDRAULIC SEEF-PROPELED GRAVE

NOTES FOR LIFTING CAPACITIES

GENERAL:

- 1. Rated loads as shown on capacity chart pertain to this crane as originally manufactured and equipped. Modifications to the crane or use of optional equipment other than that specified can result in a reduction of capacity. Use only the jib or boom extension supplied with this crane, do not substitute jibs or boom extensions without the written approval of Grove Mfg. Co.
- Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance shall be in compliance with the information in the Operator's and Safety Handbooks, Service and Parts Manuals supplied with this crane. If these manuals are missing, order replacements from the manufacturer.
- 3. The operator and other personnel associated with this crane shall fully acquaint themselves with the latest applicable American National Standards Institute (ANSI) Safety Standards for cranes.

SETUP:

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports of sufficient strength under the outrigger floats or tires to spread the load to a larger bearing surface.

2. For outrigger operation, outriggers shall be fully extended with tires raised free of

crane weight before operating the boom or lifting loads.

3. When equipped with front jack cylinder, the front jack cylinder shall be set in accordance with the written procedure. 4. When equipped with extendable counterweight, the counterweight shall be fully

extended before operation. 5. Tires shall be inflated to the recommended pressure before lifting on rubber.

- 6. With certain boom and hoist tackle combinations, maximum capacities may not be obtainable with standard cable lengths.
- 7. Rotation resistant wire rope is best suited for single line lifting operations. Consult the wire rope manufacturer for specific recommendations concerning multiple part reeving.
- Do not transport crane with boom extension or jib erected.

OPERATION:

- 1. Rated loads at rated radius shall not be exceeded. Do not tip the machine to determine allowable loads. For clamshell operation, weight of load must not exceed 80% of rated lifting capacities.
- 2. All rated loads have been tested to and meet minimum requirements of SAE J1063 OCT80 - Cantilevered Boom Crane Structures - Method of Test, and do 85% not exceed of the tipping load as determined by SAE J765 OCT80 Crane Stability Test Code.
 - Rated loads include the weight of hook block, slings and auxiliary lifting devices and their combined weights shall be subtracted from the listed ratings to obtain
- the net load which may be lifted. 4. Load ratings are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.
- 5. Rated loads do not account for wind on lifted load or boom. It is recommended when wind velocity is above 20 MPH (32 km/h), rated loads and boom lengths be appropriately reduced.

Rated loads are for lift crane service only.

- 7. Do not operate at a radius or boom length where capacities are not listed. At these positions, the crane may overturn without any load on the hook.
- 8. The maximum load which can be telescoped is not definable because of variations in loadings and crane maintenance, but it is safe to attempt retraction and extension within the limits of the capacity chart.
- 9. 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.
- 10. For safe operation, the user shall make due allowances for his particular 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 extremely dangerous.

11. Power telescoping boom sections must be extended equally at all times.

- 12. Handling of personnel from the boom is not authorized except with equipment furnished and installed by Grove Manufacturing Company.
- 13. Keep load handling devices a minimum of 18 inches (45.7 cm) below boom head at all times.
- 14. The boom angle before loading should be greater than the loaded boom angle to account for deflection.
- 15. Capacities appearing above the bold line are based on structural strength and tipping should not be relied upon as a capacity limitation.
- 16. Capacities for the 33 ft. (10.1 m) boom length shall be lifted with boom fully retracted. If boom is not fully retracted, capacities shall not exceed those shown for the 38 ft. (11.6 m) boom length.

- DEFINITIONS: 1. Operating Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface before loading to the center of the vertical hoist line or
 - tackle with load applied. 2. Loaded Boom Angle (Shown in parenthesis on main boom capacity chart): is the angle between the boom base section and the horizontal, after lifting the rated load at the rated radius with the rated boom length.

3. Working Area: Areas measured in a circular arc about the center line of rotation as shown on the working area diagram.

4. Freely Suspended Load: Load hanging free with no direct external force applied except by the lift cable.

5. Side Load: Horizontal force applied to the lifted load either on the ground or in

Courtesy of Crane.Market the air.

RT635

35 TON CAPACITY 33 ft. - 80 ft. BOOM

(FULL POWER)
PCSA CLASS 10-99
85% OF TIPPING - ON OUTRIGGERS
75% OF TIPPING - ON RUBBER

EXT. CAPACITIES IN POUNDS 30' FIXED EXTENSION ON OUTRIGGERS - 360°

| Main | 0° O | FFSET | 15° O | FFSET | 30° OFFSET | | |
|---------------|-----------------|--------------|------------------|-------|------------------|-------|--|
| Boom Angle | Rad. Ref.ft, | Cap. Ibs. | Rad. Ref. ft. | Cap. | Rad. Ref. ft. | Cap. | |
| 75° | 26.7 | 10,350 | 32.8 | 7,660 | 38.8 | 5,310 | |
| 70 | 35.7 | 8,790 | 41.6 | 6,530 | 47.2 | 4,850 | |
| 65 | 44.4 | 7,080 | 49.9 | 5,550 | 55.2 | 4,470 | |
| 60 | 52.7 | 5,890 | 57.8 | 4,810 | 62.7 | 4,170 | |
| 55 | 60.7 | 4,930 | 65.3 | 4,230 | 69.7 | 3,810 | |
| 50 | 68.1 | 4,070 | 72.2 | 3,470 | 76.1 | 3,000 | |
| 45 | 75.0 | 3,150 | 78.6 | 2,730 | 81.9 | 2,380 | |
| 40 | 81.2 | 2,470 | 84.3 | 2,170 | 87.1 | 1,920 | |
| 35 | 86.9 | 1,950 | 89.3 | 1,740 | 91.6 | 1,560 | |

A6-829-007597B

NOTES FOR 30' FIXED EXTENSION

- 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-765a.
- 2. 30 ft. (9.3 m) fixed length boom extension length may be used for double or single line lifting service.
- 3. Rated load is based on loaded main boom angle with reference to horizontal, regardless of main boom length. (Ref. radius is for fully extended boom length only.) 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.
- 4. Capacities listed are with fully extended outriggers only.
 5. Warning for 30 ft. (9.3 m) Boom Extension: For main boom length greater than 74 ft. (22.6 m) with 30 ft. (9.3 m) fixed length boom extension in working position, the boom angle must not be less than 20° 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 74 ft. (22.6 m). This warning applies for boom extension erection purposes also.

30 ft. - 54 ft. TELE. BOOM EXTENSION

| | | | 30 | ft. LE | ENGTH | l | | | 42 ft. LENGTH | | | | | 54 ft. LENGTH | | | | | |
|-----|---------------|------------------|--------|------------------|-------|------------------|-------|------------------|---------------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| Į į | Main | 0° OF | FSET | 15° O | FFSET | 30° O | FFSET | 0° OF | FSET | 15° O | FFSET | 30° O | FFSET | 0° OF | FSET | 15° OF | FSET | 30° O | FFSET |
| 83 | Boom Angle | Rad. Ref. ft. | Cap. | Rad. Ref. ft. | Cap. | Rad. Ref. ft. | Cap. | Rad. Ref. ft. | Cap. | Rad. Ref. ft. | Cap. | Rad, Ref. ft. | Cap. | Rad, Ref. ft. | Cap. | Rad, Ref. ft, | Cap. | Rad. Ref. ft. | Cap. |
| Е | 75° | 26.7 | 10,000 | 32.8 | 7,300 | 38.8 | 4,950 | 30.9 | 7,700 | 39.3 | 5,090 | 48.2 | 3,750 | 35.1 | 6,150 | 46.0 | 3,750 | 57.2 | 2,690 |
| | 70 | 35.7 | 8,430 | 41.6 | 6,170 | 47.2 | 4,490 | 40.8 | 6,950 | 48.8 | 4,610 | 57.1 | 3,460 | 46.0 | 5,340 | 56.4 | 3,300 | 66.7 | 2,480 |
| | 65 | 44.4 | 6,720 | 49.9 | 5,190 | 55.2 | 4,110 | 50.3 | 5,280 | 58.1 | 3,900 | 65.6 | 3,230 | 56.5 | 4,380 | 66.3 | 2,970 | 75.6 | 2,320 |
| | 60 | 52.7 | 5,530 | 57.8 | 4,450 | 62.7 | 3,810 | 59.5 | 4,350 | 66.7 | 3,360 | 73.6 | 2,890 | 66.5 | 3,470 | 75.7 | 2,620 | 83.9 | 2,190 |
| | 55 | 60.7 | 4,570 | 65.3 | 3,870 | 69.7 | 3,320 | 68.3 | 3,660 | 74.9 | | 80.9 | 2,510 | 76.1 | 2,920 | 84.6 | 2,290 | 91.6 | 1,870 |
| L | 50 | 68.1 | 3,550 | 72.2 | 2,970 | 76.1 | 2,500 | 76.4 | 3,030 | 82.5 | 2,350 | 87.7 | 1,840 | 85.0 | 2,430 | | | 98.6 | 1,370 |
| | 45 | 75.0 | 2,630 | 78.6 | 2,220 | 81.9 | 1,880 | 84.0 | 2,190 | 89.4 | 1,690 | 93.7 | 1,340 | 93.3 | 1,740 | 100.2 | 1,270 | | |
| | 40 | 81.2 | 1,950 | 84.3 | 1,650 | 87.1 | 1,410 | 90.9 | 1,560 | 95.7 | 1,190 | | | | | | | | |
| | 35 | 86.9 | 1,420 | 89.3 | 1,220 | 91.6 | 1,050 | | | | | | | | | | | | |

A6-829-007589C

NOTES WITH TELESCOPIC BOOM EXTENSION

- 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-765a.
- 2. 30 ft. (9.3 m), 42 ft. (12.8 m) & 54 ft. (16.4 m) boom extension lengths may be used for double or
- single line lifting service.

 3. Rated load is based on loaded main boom angle with reference to horizontal, regardless of main boom length. (Ref. radius is for fully extended boom length only.)

 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.

- 4. Capacities listed are with fully extended outriggers only.
 5. *Warning for 30 ft. (9.3 m) Boom Extension: For main boom length greater than 68 ft. (20.7 m) with 30 ft. (9.3 m) tele, boom extension in working position, the boom angle must not be less than 33° 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 68 ft. (20.7 m).
 - *Warning for 42 ft. (I2.8 m) Boom Extension: For main boom length greater than 62 ft. (I8.9 m) with 42 ft. (I2.8 m) tele. boom extension in working position, the boom angle must not be less than 38° 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 62 ft. (I8.9 m)
 - for main boom length equal to or less than 62 ft. (18.9 m).

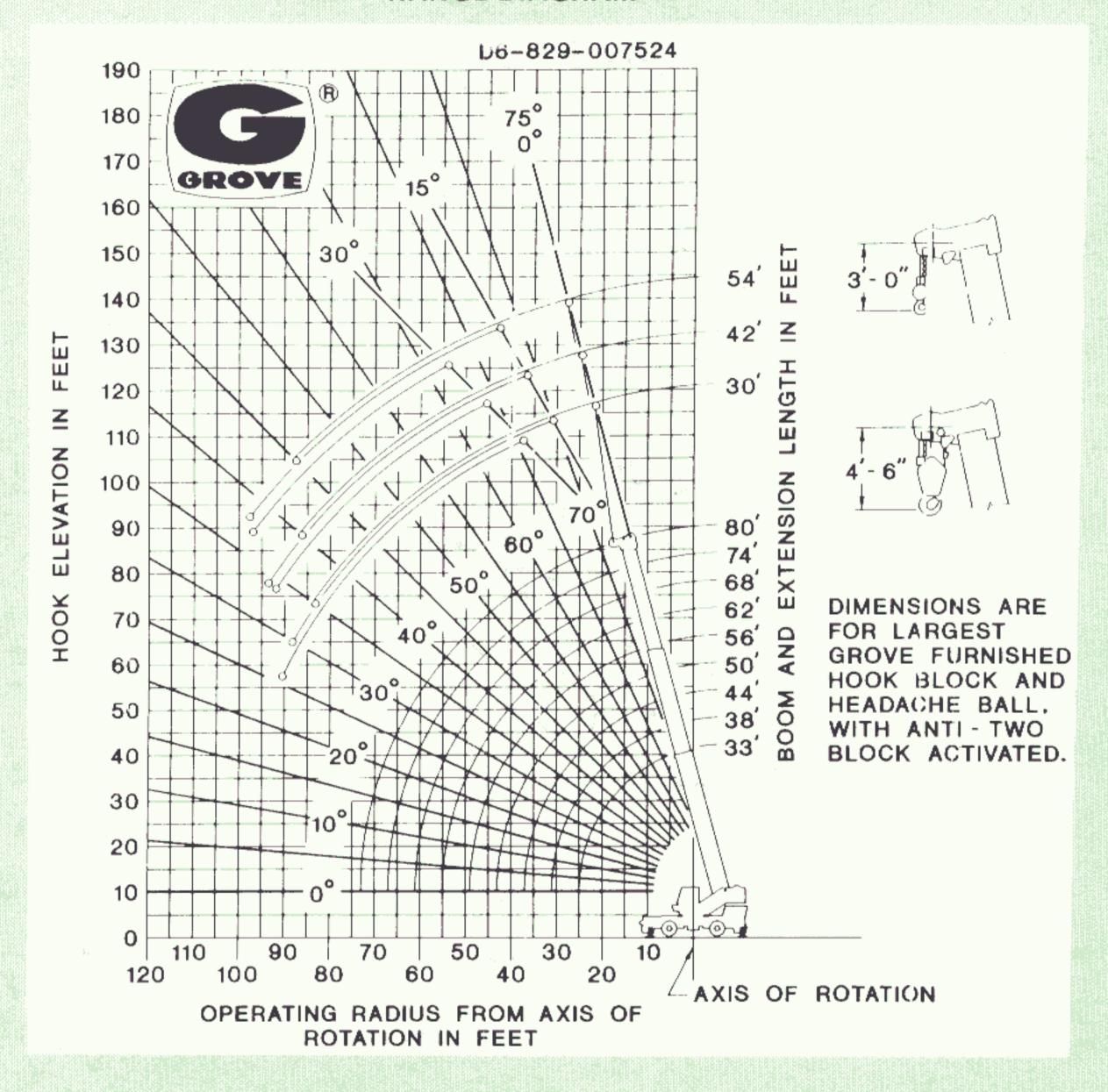
 *Warning for 54 ft. (16.4 m) Boom Extension: For main boom length greater than 56 ft. (17.1 m) with 54 ft. (16.4 m) tele. boom extension in working position, the boom angle must not be less than 43° since loss of stability will occur causing a tipping condition. The boom angle is not restricted

for main boom length equal to or less than 56 ft. (17.1 m).
*This warning applies for boom extension erection purposes also.

GROYE

RT635

RANGE DIAGRAM



WEIGHT REDUCTION FOR LOAD HANDLING DEVICES

| | 30 ft. BOOM EX | TE | NSION |
|---|---------------------------------------|----|------------|
| | †Stowed | - | 573 lbs. |
| ļ | †Erected | - | 3,243 lbs. |
| | 30 ft 54 ft. Tele. B with 33 ft 80 | | |
| | †Stowed | - | 834 lbs. |
| | †Erected (retracted) | - | 4,973 lbs. |
| | †Erected (extended) | - | 6,650 lbs. |

| HOOKBLOCK: |
|---------------------------------|
| 35 Ton, 4 Sheave 600 lbs. |
| 12 Ton, 1 Sheave 360 lbs. |
| Auxiliary Boom Head 110 lbs. |
| 5 Ton Headache Ball 172 lbs. |
| 7 1/2 Ton Headache Ball338 lbs. |
| |

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.