

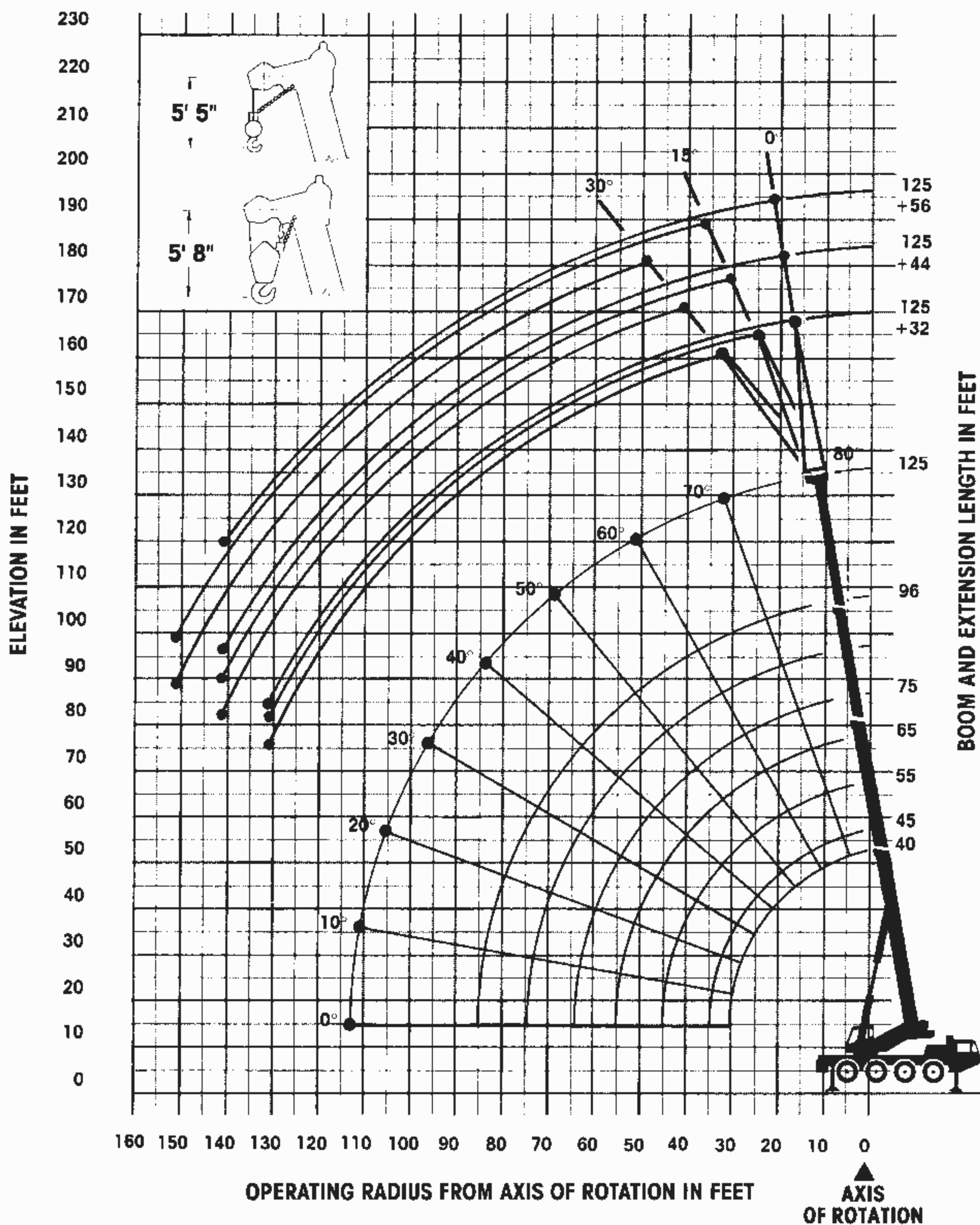


**GROVE**  
worldwide

# AT880

85% Domestic/40ft-125ft boom

RANGE DIAGRAM (UNLADEN BOOM)



**RATED LIFTING CAPACITIES (POUNDS)**  
**14,330 LBS COUNTERWEIGHT**

**40 FT - 125 FT 4-SECTION BOOM ON OUTRIGGERS FULLY EXTENDED - 360°**

| Radius<br>in<br>feet | Main boom length in feet (fourth section fully retracted) |       |       |       |       |       |       | Fourth section<br>fully extended |
|----------------------|-----------------------------------------------------------|-------|-------|-------|-------|-------|-------|----------------------------------|
|                      | 40                                                        | 45    | 55    | 65    | 75    | 85    | 96    | 125                              |
| 10                   | 155000                                                    | 89000 | 88400 | 84300 |       |       |       |                                  |
| 12                   | 115500                                                    | 89000 | 88400 | 78800 | 70600 |       |       |                                  |
| 15                   | 94000                                                     | 89000 | 81000 | 72300 | 62900 | 57600 | 36300 |                                  |
| 20                   | 71800                                                     | 71800 | 69500 | 60200 | 53900 | 48400 | 36300 | 30800                            |
| 25                   | 55000                                                     | 54900 | 54800 | 53800 | 46700 | 41000 | 36300 | 30800                            |
| 30                   |                                                           | 43500 | 43400 | 43400 | 41100 | 36300 | 33100 | 27600                            |
| 35                   |                                                           | 33200 | 33100 | 33000 | 33000 | 31600 | 28900 | 24800                            |
| 40                   |                                                           |       | 26000 | 25900 | 25900 | 25900 | 25800 | 22400                            |
| 50                   |                                                           |       |       | 16900 | 16900 | 16800 | 16800 | 17400                            |
| 60                   |                                                           |       |       |       | 11300 | 11200 | 11200 | 13400                            |
| 70                   |                                                           |       |       |       |       | 7500  | 7400  | 9500                             |
| 80                   |                                                           |       |       |       |       |       | 4800  | 6800                             |
| 90                   |                                                           |       |       |       |       |       |       | 4800                             |
| 100                  |                                                           |       |       |       |       |       |       | 3200                             |
| 110                  |                                                           |       |       |       |       |       |       | 2000                             |

**40 FT - 55 FT MAIN BOOM  
ON RUBBER CAPACITIES  
OVER REAR ONLY**

| Radius in feet | Up to 1 mph | Up to 3 mph |
|----------------|-------------|-------------|
| 10             | 37400       | 29100       |
| 12             | 29300       | 25500       |
| 15             | 21400       | 21200       |
| 20             | 13700       | 13700       |
| 25             | 9200        | 9200        |
| 30             | 6200        | 6200        |
| 35             | 4100        | 4100        |
| 40             | 2600        | 2600        |

**32 FT FIXED LENGTH BOOM EXTENSION  
ON OUTRIGGERS - 360°**

| Radius<br>in<br>feet | 32ft Swingaway |            |            |
|----------------------|----------------|------------|------------|
|                      | 0° Offset      | 15° Offset | 30° Offset |
| 25                   | 18900          |            |            |
| 30                   | 18700          | 16200      |            |
| 35                   | 18500          | 15400      |            |
| 40                   | 18200          | 14700      | 11700      |
| 45                   | 17900          | 14000      | 11300      |
| 50                   | 16900          | 13400      | 11000      |
| 55                   | 15700          | 12900      | 10600      |
| 60                   | 14000          | 12400      | 10300      |
| 65                   | 11800          | 11900      | 10100      |
| 70                   | 10000          | 10900      | 9800       |
| 80                   | 7200           | 7900       | 8500       |
| 90                   | 5100           | 5700       | 6100       |
| 100                  | 3500           | 3900       | 4300       |
| 110                  | 2200           | 2600       | 2800       |
| 120                  |                | 1400       | 1600       |

**32 FT - 56 FT TELE BOOM EXTENSION ON OUTRIGGERS - 360°**

| Radius<br>in<br>feet | 32ft Swingaway |            |            | 44ft Swingaway |            |            | 56ft Swingaway |            |            |
|----------------------|----------------|------------|------------|----------------|------------|------------|----------------|------------|------------|
|                      | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset |
| 25                   | 18300          |            |            |                |            |            |                |            |            |
| 30                   | 18100          | 15600      |            | 14800          |            |            |                |            |            |
| 35                   | 17900          | 14800      |            | 13400          |            |            | 10800          |            |            |
| 40                   | 17600          | 14100      | 11100      | 12300          | 10500      | 7900 @     | 10700          |            |            |
| 45                   | 17300          | 13400      | 10700      | 11600          | 10000      | 47'0"      | 10400          | 8100       |            |
| 50                   | 16400          | 12800      | 10400      | 11100          | 9500       | 7700       | 9800           | 7700       |            |
| 55                   | 15000          | 12300      | 10000      | 10700          | 9100       | 7400       | 9300           | 7300       | 6000       |
| 60                   | 13500          | 11800      | 9700       | 10300          | 8700       | 7200       | 8800           | 7000       | 5600       |
| 65                   | 11300          | 11300      | 9500       | 10000          | 8400       | 6900       | 8300           | 6700       | 5500       |
| 70                   | 9500           | 10400      | 9200       | 9700           | 8000       | 6800       | 7900           | 6500       | 5300       |
| 80                   | 6400           | 7400       | 8000       | 7700           | 7500       | 6400       | 7200           | 6000       | 5100       |
| 90                   | 4300           | 4900       | 5600       | 5600           | 6500       | 6100       | 6200           | 5600       | 4800       |
| 100                  | 2700           | 3200       | 3500       | 3600           | 4100       | 5300       | 4600           | 5200       | 4600       |
| 110                  |                | 1700       | 2000       | 2300           | 2650       | 3600       | 3000           | 3860       | 4400       |
| 120                  |                |            |            | 1200           | 1480       | 2100       | 1900           | 2500       | 3190       |
| 130                  |                |            |            |                |            |            |                |            | 1900       |

**FOR NOTES ON LIFTING CAPACITIES, SEE REVERSE**

# RATED LIFTING CAPACITIES (POUNDS)

## 23,800 LBS COUNTERWEIGHT

### 40 FT - 125 FT 4-SECTION BOOM ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in feet | Main boom length in feet (fourth section retracted) |       |       |       |       |       |       | Fourth section fully extended |
|----------------|-----------------------------------------------------|-------|-------|-------|-------|-------|-------|-------------------------------|
|                | 40                                                  | 45    | 55    | 65    | 75    | 85    | 96    |                               |
| 10             | 160000                                              | 89000 | 88400 | 84300 |       |       |       |                               |
| 12             | 115500                                              | 89000 | 88400 | 78800 | 70600 |       |       |                               |
| 15             | 97600                                               | 89000 | 81000 | 72300 | 62900 | 57600 | 36300 |                               |
| 20             | 75900                                               | 75900 | 69500 | 60200 | 53900 | 48400 | 36300 | 30800                         |
| 25             | 59700                                               | 59700 | 59100 | 53800 | 46700 | 41000 | 36300 | 30800                         |
| 30             |                                                     | 47500 | 47500 | 46400 | 41100 | 36300 | 33100 | 27600                         |
| 35             |                                                     | 38700 | 38700 | 38700 | 35600 | 31600 | 28900 | 24800                         |
| 40             |                                                     |       | 31400 | 31400 | 31400 | 28200 | 25900 | 22400                         |
| 50             |                                                     |       |       | 21000 | 21000 | 21000 | 20500 | 17400                         |
| 60             |                                                     |       |       |       | 14800 | 14800 | 14800 | 13800                         |
| 70             |                                                     |       |       |       |       | 10500 | 10500 | 11300                         |
| 80             |                                                     |       |       |       |       |       | 7400  | 8500                          |
| 90             |                                                     |       |       |       |       |       |       | 7100                          |
| 100            |                                                     |       |       |       |       |       |       | 5300                          |
| 110            |                                                     |       |       |       |       |       |       | 3800                          |

### 40 FT - 65 FT MAIN BOOM ON RUBBER CAPACITIES OVER REAR ONLY

| Radius in feet | Up to 1 mph | Up to 3 mph |
|----------------|-------------|-------------|
| 10             | 45400       | 29100       |
| 12             | 35500       | 25500       |
| 15             | 26150       | 21200       |
| 20             | 16900       | 15800       |
| 25             | 11800       | 11800       |
| 30             | 8500        | 8500        |
| 35             | 6000        | 6000        |
| 40             | 4300        | 4300        |
| 45             | 2800        | 2800        |

### 32 FT FIXED LENGTH BOOM EXTENSION ON OUTRIGGERS - 360°

| Radius in feet | 32ft Swingaway |            |            |
|----------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 20600          |            |            |
| 30             | 19900          | 16200      |            |
| 35             | 19700          | 15400      |            |
| 40             | 19100          | 14700      | 11700      |
| 45             | 18000          | 14000      | 11300      |
| 50             | 16900          | 13400      | 11000      |
| 55             | 15700          | 12900      | 10600      |
| 60             | 14300          | 12400      | 10300      |
| 65             | 13000          | 11900      | 10100      |
| 70             | 12000          | 11400      | 9800       |
| 80             | 9800           | 10400      | 9300       |
| 90             | 7100           | 8000       | 8600       |
| 100            | 5200           | 5900       | 6200       |
| 110            | 3700           | 4100       | 4300       |
| 120            | 2500           | 2900       | 3000       |
| 130            | 1500           | 1700       | 1800       |

### 32 FT - 56 FT TELE BOOM EXTENSION ON OUTRIGGERS - 360°

| Radius in feet | 32ft Swingaway |            |            | 44ft Swingaway |            |            | 56ft Swingaway |            |            |
|----------------|----------------|------------|------------|----------------|------------|------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 20000          |            |            |                |            |            |                |            |            |
| 30             | 19300          | 15600      |            | 14800          |            |            |                |            |            |
| 35             | 19100          | 14800      |            | 13400          |            |            | 10800          |            |            |
| 40             | 18500          | 14100      | 11100      | 12300          | 10500      | 7900 @     | 10700          |            |            |
| 45             | 17400          | 13400      | 10700      | 11600          | 10000      | 47'0"      | 10400          | 8100       |            |
| 50             | 16300          | 12800      | 10400      | 11100          | 9500       | 7700       | 9800           | 7700       |            |
| 55             | 15100          | 12300      | 10000      | 10700          | 9100       | 7400       | 9300           | 7300       | 6000       |
| 60             | 13700          | 11800      | 9700       | 10300          | 8700       | 7200       | 8800           | 7000       | 5600       |
| 65             | 12400          | 11300      | 9500       | 10000          | 8400       | 6900       | 8300           | 6700       | 5500       |
| 70             | 11400          | 10800      | 9200       | 9700           | 8000       | 6800       | 7900           | 6500       | 5300       |
| 80             | 9100           | 9800       | 8700       | 8900           | 7500       | 6400       | 7200           | 6000       | 5100       |
| 90             | 6400           | 7300       | 7800       | 7700           | 7000       | 6100       | 6600           | 5600       | 4800       |
| 100            | 4600           | 5000       | 5600       | 5630           | 5800       | 5900       | 6100           | 5200       | 4600       |
| 110            | 3100           | 3300       | 3700       | 3780           | 4300       | 5110       | 4900           | 4650       | 4400       |
| 120            | 1900           | 2100       | 2300       | 2360           | 2920       | 3850       | 3360           | 3880       | 3950       |
| 130            |                |            |            | 1190           | 1750       | 2200       | 2100           | 2940       | 3250       |
| 140            |                |            |            |                |            |            | 1290           | 1780       | 2050       |

# RATED LIFTING CAPACITIES (POUNDS)

## 26,900 LBS COUNTERWEIGHT

### 40 FT - 125 FT 4-SECTION BOOM ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in feet | Main boom length in feet (fourth section retracted) |       |       |       |       |       |       | Fourth section fully extended |
|----------------|-----------------------------------------------------|-------|-------|-------|-------|-------|-------|-------------------------------|
|                | 40                                                  | 45    | 55    | 65    | 75    | 85    | 96    |                               |
| 10             | 160000                                              | 89000 | 88400 | 84300 |       |       |       |                               |
| 12             | 115500                                              | 89000 | 88400 | 78800 | 70600 |       |       |                               |
| 15             | 98400                                               | 89000 | 81000 | 72300 | 62900 | 57600 | 36300 |                               |
| 20             | 76600                                               | 76600 | 69500 | 60200 | 53900 | 48400 | 36300 | 30800                         |
| 25             | 61000                                               | 61000 | 59100 | 53800 | 46700 | 41000 | 36300 | 30800                         |
| 30             |                                                     | 48600 | 48600 | 46400 | 41100 | 36300 | 33100 | 27600                         |
| 35             |                                                     | 39400 | 39400 | 39400 | 35600 | 31600 | 28900 | 24800                         |
| 40             |                                                     |       | 32900 | 32900 | 32000 | 28200 | 25900 | 22400                         |
| 50             |                                                     |       |       | 22200 | 22300 | 22300 | 20500 | 17400                         |
| 60             |                                                     |       |       |       | 15700 | 15700 | 15700 | 13800                         |
| 70             |                                                     |       |       |       |       | 11300 | 11400 | 11300                         |
| 80             |                                                     |       |       |       |       |       | 8200  | 8500                          |
| 90             |                                                     |       |       |       |       |       |       | 7400                          |
| 100            |                                                     |       |       |       |       |       |       | 5900                          |
| 110            |                                                     |       |       |       |       |       |       | 4300                          |

### 40 FT - 65 FT MAIN BOOM ON RUBBER CAPACITIES OVER REAR ONLY

| Radius in feet | Up to 1 mph | Up to 3 mph |
|----------------|-------------|-------------|
| 10             | 46700       | 29100       |
| 12             | 37000       | 25500       |
| 15             | 27500       | 21200       |
| 20             | 18200       | 15800       |
| 25             | 12700       | 11800       |
| 30             | 9200        | 8800        |
| 35             | 6600        | 6400        |
| 40             | 4800        | 4500        |
| 50             | 2200        |             |

### 32 FT FIXED LENGTH BOOM EXTENSION ON OUTRIGGERS - 360°

| Radius in feet | 32ft Swingaway |            |            |
|----------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 20600          |            |            |
| 30             | 19900          | 16200      |            |
| 35             | 19700          | 15400      |            |
| 40             | 19100          | 14700      | 11700      |
| 45             | 18000          | 14000      | 11300      |
| 50             | 16900          | 13400      | 11000      |
| 55             | 15700          | 12900      | 10600      |
| 60             | 14300          | 12400      | 10300      |
| 65             | 13000          | 11900      | 10100      |
| 70             | 12000          | 11400      | 9800       |
| 80             | 10500          | 10400      | 9300       |
| 90             | 8100           | 8600       | 8600       |
| 100            | 6000           | 6500       | 6900       |
| 110            | 4300           | 4700       | 5000       |
| 120            | 3100           | 3400       | 3500       |
| 130            | 2000           | 2200       | 2300       |

### 32 FT - 56 FT TELE BOOM EXTENSION ON OUTRIGGERS - 360°

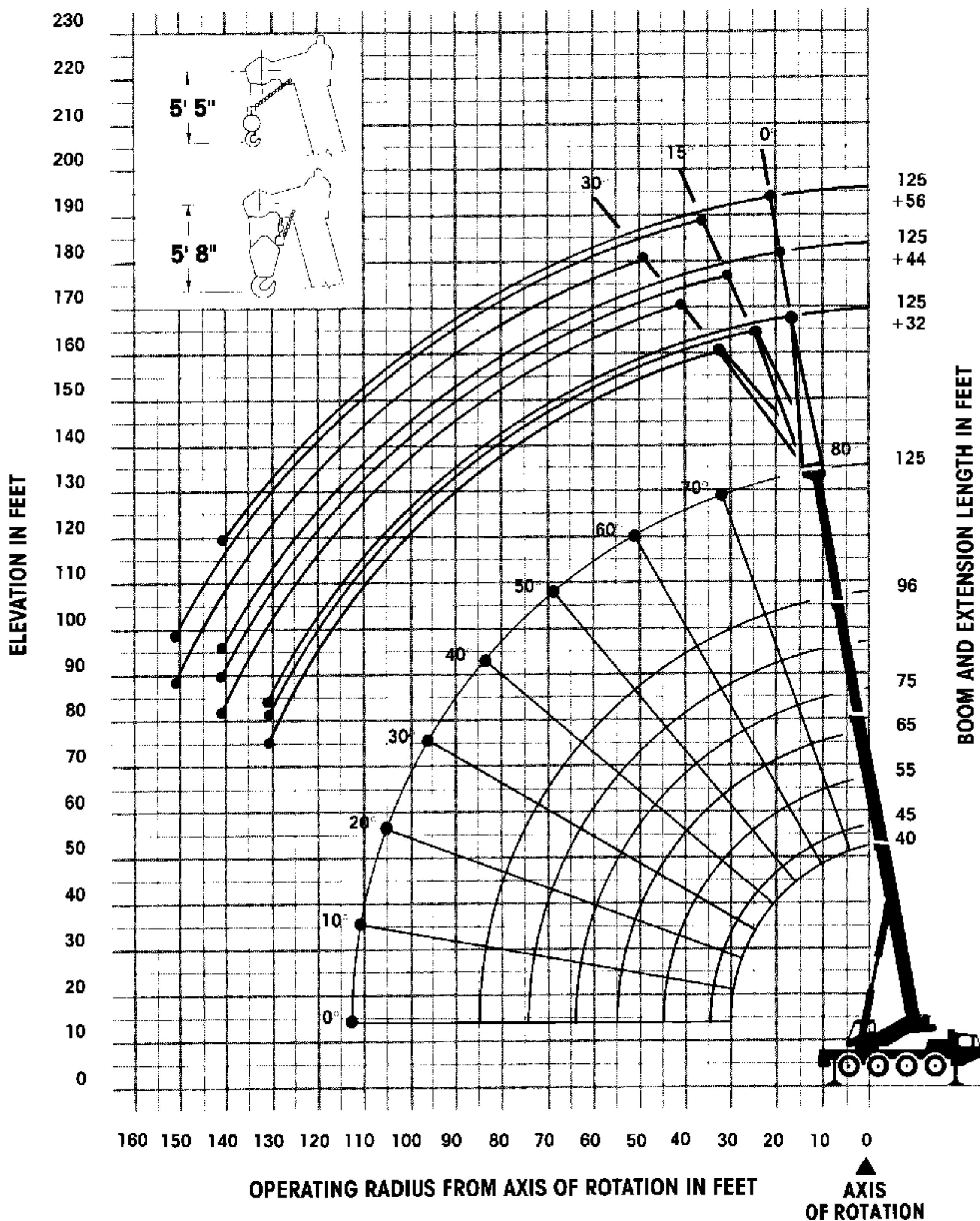
| Radius in feet | 32ft Swingaway |            |            | 44ft Swingaway |            |            | 56ft Swingaway |            |            |
|----------------|----------------|------------|------------|----------------|------------|------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 20000          |            |            |                |            |            |                |            |            |
| 30             | 19300          | 15600      |            | 14800          |            |            |                |            |            |
| 35             | 19100          | 14800      |            | 13400          |            |            | 10800          |            |            |
| 40             | 18500          | 14100      | 11100      | 12300          | 10500      | 7900 @     | 10700          |            |            |
| 45             | 17400          | 13400      | 10700      | 11600          | 10000      | 47'0"      | 10400          | 8100       |            |
| 50             | 16300          | 12800      | 10400      | 11100          | 9500       | 7700       | 9800           | 7700       |            |
| 55             | 15100          | 12300      | 10000      | 10700          | 9100       | 7400       | 9300           | 7300       | 6000       |
| 60             | 13700          | 11800      | 9700       | 10300          | 8700       | 7200       | 8800           | 7000       | 5600       |
| 65             | 12400          | 11300      | 9500       | 10000          | 8400       | 6900       | 8300           | 6700       | 5500       |
| 70             | 11400          | 10800      | 9200       | 9700           | 8000       | 6800       | 7900           | 6500       | 5300       |
| 80             | 9600           | 9800       | 8700       | 8900           | 7500       | 6400       | 7200           | 6000       | 5100       |
| 90             | 7000           | 7500       | 8000       | 8100           | 7000       | 6100       | 6600           | 5600       | 4800       |
| 100            | 5100           | 5700       | 5900       | 6500           | 6500       | 5900       | 6100           | 5200       | 4600       |
| 110            | 3600           | 3900       | 4200       | 4800           | 5300       | 5600       | 5600           | 5000       | 4400       |
| 120            | 2400           | 2500       | 2700       | 3600           | 4000       | 4300       | 3900           | 4700       | 4200       |
| 130            | 1400           | 1400       | 1500       | 2500           | 2600       | 2700       | 2800           | 3400       | 4000       |
| 140            |                |            |            | 1600           | 1600       | 1600       | 1800           | 2600       | 2700       |
| 150            |                |            |            |                |            |            |                | 1700       | 1700       |



**GROVE**<sup>®</sup>  
worldwide

**AT880**  
85% DOMESTIC/40FT-125FT BOOM

RANGE DIAGRAM (UNLADEN BOOM)



# RATED LIFTING CAPACITIES (POUNDS) ZERO COUNTERWEIGHT

## 40 FT - 125 FT 4-SECTION BOOM ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in feet | Main boom length in feet (fourth section fully retracted) |       |       |       |       |       |       | Fourth section fully extended |
|----------------|-----------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------------------------------|
|                | 40                                                        | 45    | 55    | 65    | 75    | 85    | 96    |                               |
| 10             | 145000                                                    | 89000 | 88400 | 84300 |       |       |       |                               |
| 12             | 115500                                                    | 89000 | 88400 | 78800 | 70600 |       |       |                               |
| 15             | 91400                                                     | 89000 | 81000 | 72300 | 62900 | 57600 | 36300 |                               |
| 20             | 65300                                                     | 65300 | 65300 | 60200 | 53900 | 48400 | 36300 | 30800                         |
| 25             | 47000                                                     | 47200 | 47200 | 47300 | 46700 | 41000 | 36300 | 30800                         |
| 30             |                                                           | 33300 | 33400 | 33400 | 33400 | 33500 | 33100 | 27600                         |
| 35             |                                                           | 24000 | 24300 | 24400 | 24400 | 24500 | 24500 | 24800                         |
| 40             |                                                           |       | 18200 | 18200 | 18300 | 18300 | 18300 | 20900                         |
| 50             |                                                           |       |       | 10700 | 10700 | 10800 | 10800 | 13100                         |
| 60             |                                                           |       |       |       | 6300  | 6300  | 6300  | 8500                          |
| 70             |                                                           |       |       |       |       | 3400  | 3400  | 5500                          |
| 80             |                                                           |       |       |       |       |       | 1300  | 3400                          |
| 90             |                                                           |       |       |       |       |       |       | 1700                          |

## 40 FT - 45 FT MAIN BOOM ON RUBBER CAPACITIES OVER REAR ONLY

| Radius in feet | Up to 1 mph | Up to 3 mph |
|----------------|-------------|-------------|
| 10             | 26700       | 26700       |
| 12             | 20500       | 20500       |
| 15             | 14500       | 14500       |
| 20             | 8600        | 8600        |
| 25             | 5100        | 5100        |
| 30             | 2800        | 2800        |

## 32 FT FIXED LENGTH BOOM EXTENSION ON OUTRIGGERS - 360°

| Radius in feet | 32ft Swingaway |            |            |
|----------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 18400          |            |            |
| 30             | 17700          | 16200      |            |
| 35             | 17400          | 15400      |            |
| 40             | 17000          | 14700      | 11700      |
| 45             | 15800          | 14000      | 11300      |
| 50             | 13400          | 13400      | 11000      |
| 55             | 10800          | 12100      | 10600      |
| 60             | 8800           | 9800       | 10300      |
| 65             | 7100           | 8000       | 8900       |
| 70             | 5700           | 6600       | 7300       |
| 80             | 3500           | 4200       | 4800       |
| 90             | 1900           | 2500       | 2900       |
| 100            |                | 1100       | 1400       |

## WEIGHT REDUCTIONS FOR LOAD HANDLING DEVICES

| Hookblocks                       |          |
|----------------------------------|----------|
| 80 Tons, 7 sheave                | 2535 lbs |
| 35 Tons, 4 sheave                | 1036 lbs |
| 20 Tons, 1 sheave                | 529 lbs  |
| 5 Tons, Headache ball            | 220 lbs  |
| 32ft Swingaway                   |          |
| Stowed                           | 772 lbs  |
| Erected                          | 3968 lbs |
| 32ft - 56ft Telescopic Swingaway |          |
| Stowed                           | 1323 lbs |
| Erected (retracted)              | 5952 lbs |
| Erected (extended)               | 7385 lbs |
| Auxiliary boom nose              | 220 lbs  |

## 32 FT - 56 FT TELE BOOM EXTENSION ON OUTRIGGERS - 360°

| Radius in feet | 32ft Swingaway |            |            | 44ft Swingaway |            |            | 56ft Swingaway |            |            |
|----------------|----------------|------------|------------|----------------|------------|------------|----------------|------------|------------|
|                | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset | 0° Offset      | 15° Offset | 30° Offset |
| 25             | 17800          |            |            |                |            |            |                |            |            |
| 30             | 17100          | 15600      |            | 14800          |            |            |                |            |            |
| 35             | 16800          | 14800      |            | 13400          |            |            | 10800          |            |            |
| 40             | 16400          | 14100      | 11100      | 12300          | 10500      | 7900 @     | 10700          |            |            |
| 45             | 15200          | 13400      | 10700      | 11600          | 10000      | 47'0"      | 10400          | 8100       |            |
| 50             | 12900          | 12800      | 10400      | 11100          | 9500       | 7700       | 9800           | 7700       |            |
| 55             | 10300          | 11600      | 10000      | 10700          | 9100       | 7400       | 9300           | 7300       | 6000       |
| 60             | 8300           | 9400       | 9700       | 9300           | 8700       | 7200       | 8800           | 7000       | 5600       |
| 65             | 6600           | 7600       | 8400       | 7600           | 8400       | 6900       | 8300           | 6700       | 5500       |
| 70             | 5200           | 6100       | 6800       | 6200           | 7500       | 6800       | 6900           | 6500       | 5300       |
| 80             | 2800           | 3500       | 4100       | 4000           | 5100       | 5800       | 4500           | 6000       | 5100       |
| 90             | 1200           | 1700       | 2200       | 2300           | 3200       | 3600       | 2800           | 4100       | 4800       |
| 100            |                |            |            |                | 1800       | 2200       | 1500           | 2500       | 3300       |
| 110            |                |            |            |                |            |            |                | 1300       | 2000       |

# 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 OCT80 - Cantilevered Boom Crane Structures - Method of Test, and do not exceed 85% of the tipping load on outriggers (75% on rubber) as determined by SAE J765 OCT80 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: Capacities appearing above the bold line are based on structural strength, and tipping should not be relied upon as a capacity limitation.
4. 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.
5. 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.
6. For outrigger operation, **ALL** outriggers shall be fully extended with tires raised free of the ground before raising the boom or lifting loads.



**GROVE**<sup>®</sup>  
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Constant improvement and engineering progress make it necessary that the company reserves 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. Optional equipment is designated by (\*) in specifications folder.