



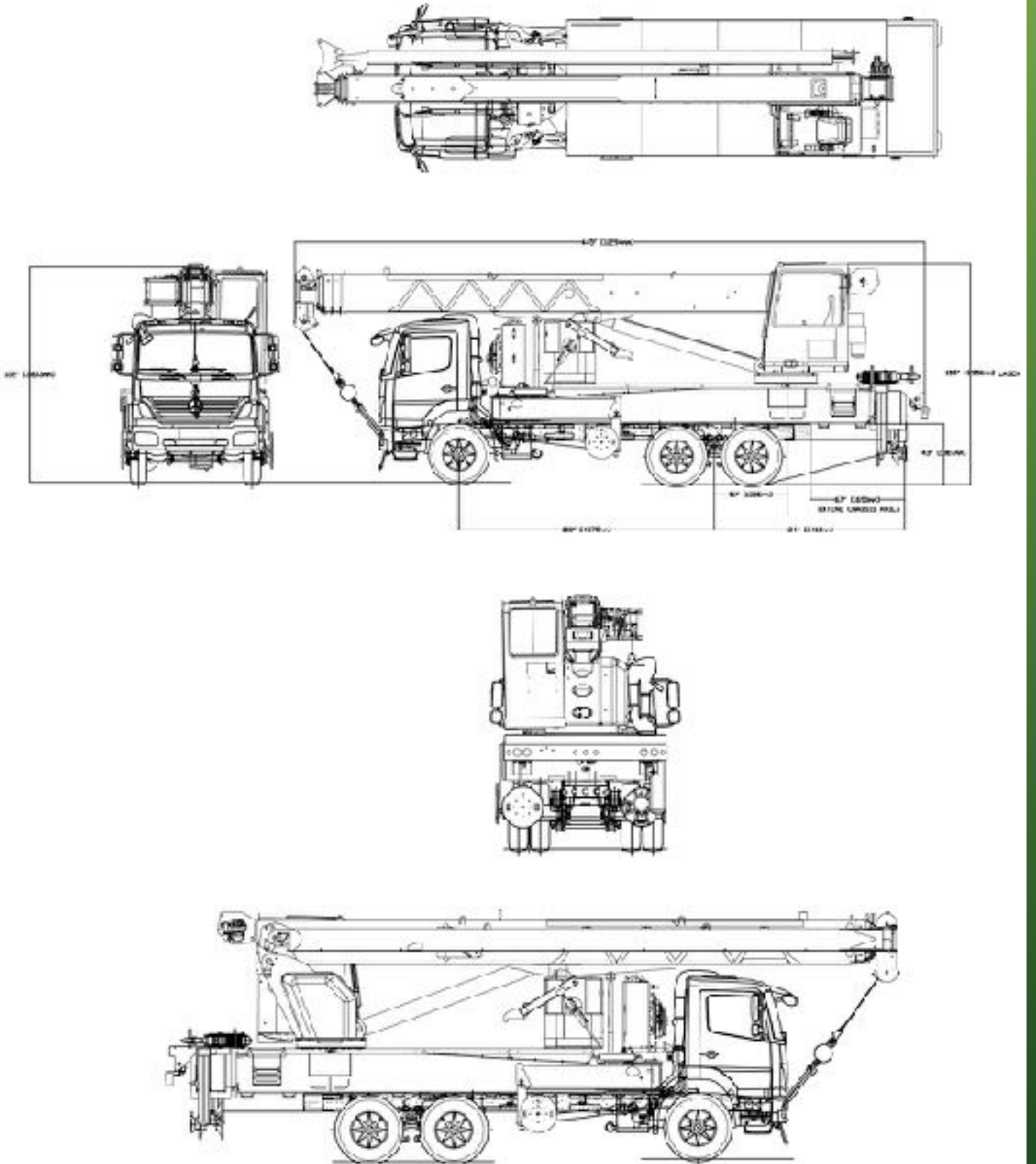
- 38 Ton (34.5 t) Maximum Lifting Capacity
- 127 ft (38.7 m) 5-Section Boom
- Altec LMAP (Load Moment & Area Protection) System



**SARAL VINÇ**

## ALTEC AC38/127S

|                                  |            |
|----------------------------------|------------|
| <i>Kaldırma kapasitesi:</i>      | 40         |
| <i>Ana bom tipi:</i>             | Teleskopik |
| <i>Ana bom uzunluğu:</i>         | 40         |
| <i>Kafes jib:</i>                | 17         |
| <i>Fly bom</i>                   | 0          |
| <i>Maks.Kalça altı yükseklik</i> | 56         |
| <i>Destek alanı:</i>             | 7,30*7,98  |
| <i>Nakil uzunluğu:</i>           | 11,294     |
| <i>Taşıma genişliği:</i>         | 2,50       |
| <i>Sürüş hızı:</i>               | 80         |
| <i>Operasyonel ağırlık:</i>      | 27         |
| <i>Toplam karşı ağırlık:</i>     | sabit      |





Altec LMAP System

## RECOMMENDED FEATURES

- Wheel Chocks
- Fall Protection System (with Platform)
- Radio Remote Control (with Platform)

## OPTIONS

- 1-Piece 31 ft (9.4 m) Jib
- 2-Man Steel Platform
- Climate-Controlled Enclosed Cab
- Load Blocks for Multiple Parts of Line
- Hydraulic Tool Circuit at Tail Shelf
- Pintle Hitch
- Hot Shift Power Take-Off
- Utility Tool Boxes
- Rotation Resistant Wire Rope
- Glide Swing
- Auxiliary Winch, 5000 lb (2250 kg) Capacity
- Winch Control at Load Hook Stow Point

## STANDARD SAFETY FEATURES

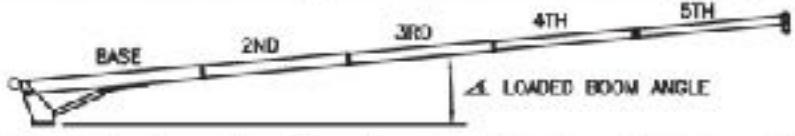
- Altec LMAP (Load Moment & Area Protection) System
  - Rated Capacity Limiter
  - Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
  - Electronic Working Area Definition
  - Operator Defined Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Back-Up Alarm
- Emergency Stop at Operator Controls
- Winch Drum Rotation Indicator
- Anti-Two Block Device
- Front Bumper Outrigger
- Altec Opti-View® Riding Seat Control Station

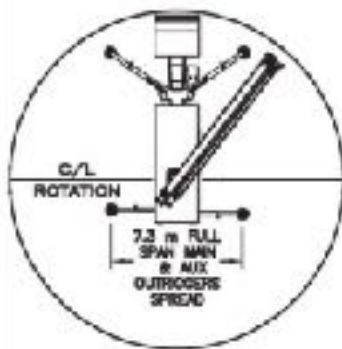
## CRANE SPECIFICATIONS

- 76,000 lb (34,475 kg) Maximum Lifting Capacity
- 127 ft (38.7 m) 5-Section Non-Insulated Boom
- 137 ft (41.8 m) Maximum Sheave Height
- Stowed Travel Height of 12.9 ft (3.9 m)
- Vehicle Travel Length of 38 ft (11.6 m)
- Sequential Out-and-Down Outriggers
  - Full Span 24 ft (7.3 m)
  - Mid Span 15.75 ft (4.8 m)
  - Short Span 8.17 ft (2.5 m)
- Hydraulic Pilot-Operated Control System
- Continuous Rotation
- Hydraulic Oil Cooling System
- Life Cycle Tested for Reliability

## CHASSIS REQUIREMENTS

|                              | Option 1 Rear<br>Tandem with Pusher |             | Option 2<br>Rear Tri-Drive |           |
|------------------------------|-------------------------------------|-------------|----------------------------|-----------|
| Gross Vehicle Weight Rating  | 70,000 lb                           | 31,750 kg   | 70,000 lb                  | 31,750 kg |
| Front Axle Weight Rating     | 20,000 lb                           | 9070 kg     | 20,000 lb                  | 9070 kg   |
| Rear Axle Combination Rating | 40,000                              | + 17,500 lb | 60,000 lb                  | 27,220 kg |
|                              | 18,140                              | + 7940 kg   |                            |           |
| Cab-to-Axle                  | 192 in                              | 4877 mm     | 200 in                     | 5080 mm   |
| Wheel Base                   | 262 in                              | 6655 mm     | 264 in                     | 6706 mm   |

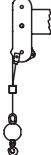
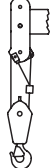
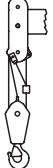
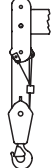
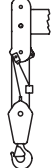
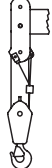
| BOOM LOAD CAPACITIES IN kg WITH FULL SPAN OUTRIGGERS (7.3 m)                       |            |       |           |       |           |       |           |      |           |      |            |      |
|------------------------------------------------------------------------------------|------------|-------|-----------|-------|-----------|-------|-----------|------|-----------|------|------------|------|
|  |            |       |           |       |           |       |           |      |           |      |            |      |
| LOAD RADIUS (m)                                                                    | 9.4 m BOOM |       | 15 m BOOM |       | 21 m BOOM |       | 27 m BOOM |      | 32 m BOOM |      | 38 m BOOM  |      |
|                                                                                    | Δ          | kg    | Δ         | kg    | Δ         | kg    | Δ         | kg   | Δ         | kg   | Δ          | kg   |
| 1.8                                                                                | 73         | 36280 |           |       |           |       |           |      |           |      |            |      |
| 2.3                                                                                | 69         | 28350 |           |       |           |       |           |      |           |      |            |      |
| 3.0                                                                                | 65         | 24450 | 76        | 15850 |           |       |           |      |           |      |            |      |
| 3.5                                                                                | 60         | 21500 | 74        | 14950 |           |       |           |      |           |      |            |      |
| 4.5                                                                                | 56         | 17900 | 70        | 14250 | 76        | 13600 |           |      |           |      |            |      |
| 6.0                                                                                | 45         | 12700 | 64        | 11950 | 72        | 10400 | 77        | 7700 |           |      |            |      |
| 7.5                                                                                | 28         | 9500  | 57        | 9500  | 68        | 9250  | 73        | 7450 | 77        | 6350 |            |      |
| 9.0                                                                                |            |       | 50        | 7800  | 63        | 7050  | 70        | 6500 | 76        | 5450 | 77         | 3800 |
| 10.5                                                                               |            |       | 42        | 6250  | 58        | 6200  | 68        | 5350 | 72        | 4750 | 75         | 3550 |
| 12.0                                                                               |            |       | 33        | 5150  | 53        | 4950  | 62        | 4400 | 69        | 4150 | 73         | 3400 |
| 13.5                                                                               |            |       | 20        | 4150  | 47        | 4500  | 59        | 3850 | 66        | 3450 | 71         | 3300 |
| 15.0                                                                               |            |       |           |       | 41        | 3650  | 55        | 3250 | 63        | 2950 | 69         | 2900 |
| 16.5                                                                               |            |       |           |       | 34        | 3000  | 51        | 3000 | 60        | 2450 | 66         | 2500 |
| 18.0                                                                               |            |       |           |       | 26        | 2450  | 47        | 2550 | 56        | 2250 | 63         | 2200 |
| 19.5                                                                               |            |       |           |       | 14        | 1950  | 43        | 2150 | 53        | 2100 | 60         | 1900 |
| 21.0                                                                               |            |       |           |       |           |       | 37        | 1700 | 48        | 1700 | 58         | 1600 |
| 22.5                                                                               |            |       |           |       |           |       | 30        | 1350 | 46        | 1450 | 55         | 1400 |
| 24.0                                                                               |            |       |           |       |           |       | 23        | 1100 | 41        | 1150 | 52         | 1200 |
| 25.5                                                                               |            |       |           |       |           |       | 9         | 850  | 37        | 900  | 49         | 950  |
| 27.0                                                                               |            |       |           |       |           |       |           |      | 32        | 700  | 46         | 800  |
| 28.8                                                                               |            |       |           |       |           |       |           |      | 26        | 600  | 42         | 650  |
| 30.0                                                                               |            |       |           |       |           |       |           |      | 22        | 350  | 37         | 400  |
| 32.0                                                                               |            |       |           |       |           |       |           |      |           |      | 34         | 350  |
| 33.5                                                                               |            |       |           |       |           |       |           |      |           |      | 30         | 250  |
|                                                                                    | 0          | 7000  | 0         | 2900  | 0         | 1300  | 0         | 650  | 0         | 300  | SEE NOTE 9 |      |
|                                                                                    |            | 230   |           | 160   |           | 115   |           | 95   |           | 70   |            | 70   |
|                                                                                    |            | 230   |           | 160   |           | 115   |           | 95   |           | 70   |            | 70   |

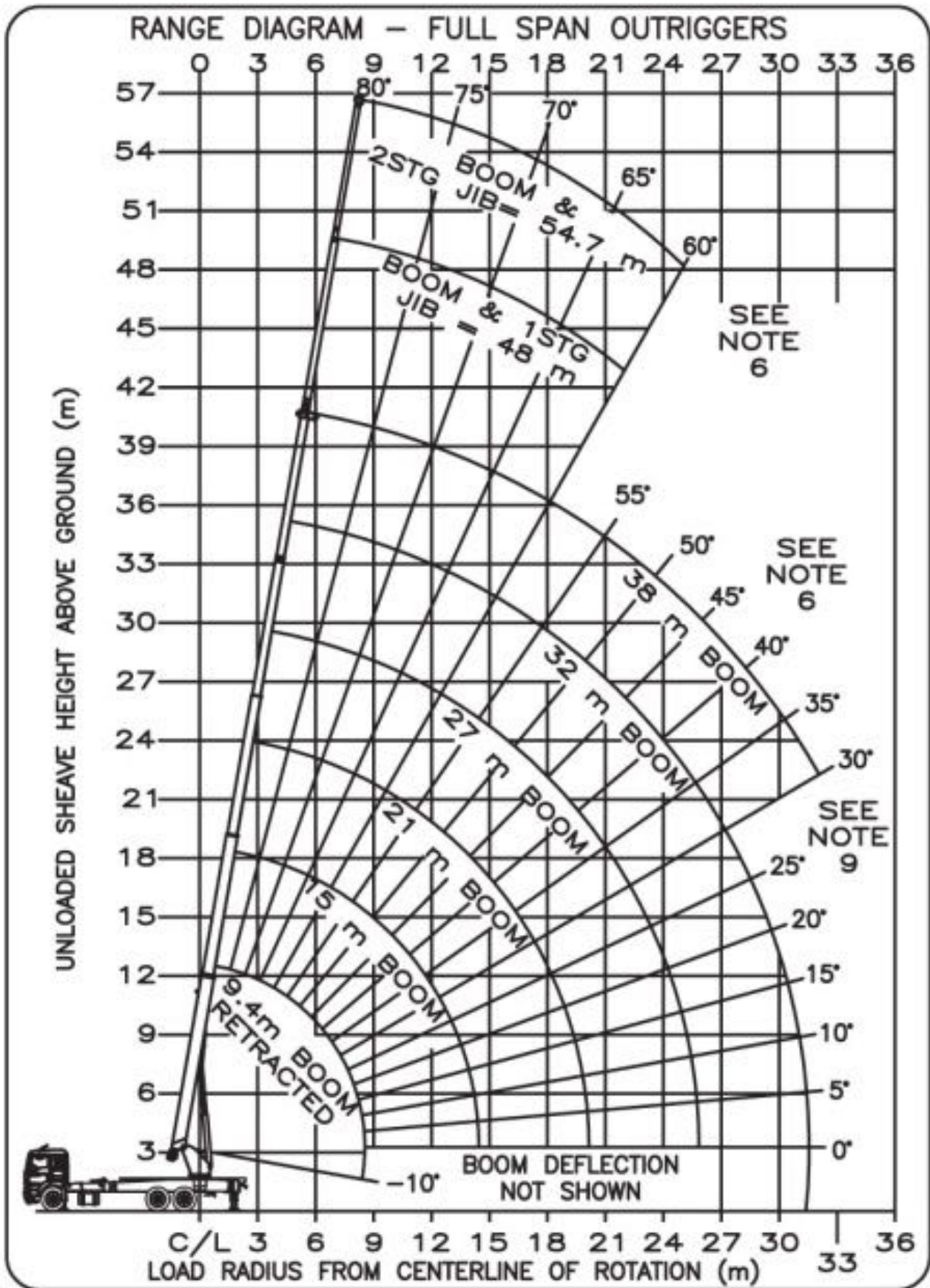
| AREA OF OPERATION                                                                   |  |
|-------------------------------------------------------------------------------------|--|
| 360° CAPACITY WORKING AREA                                                          |  |
|  |  |
| DEDUCTIONS FROM RATED LOADS FOR HANDLING DEVICES                                    |  |
| OVERHAUL BALL: 106 kg                                                               |  |
| 1-SHEAVE LOADBLOCK: 164 kg                                                          |  |
| 2-SHEAVE LOADBLOCK: 227 kg                                                          |  |
| 3-SHEAVE LOADBLOCK: 273 kg                                                          |  |
| 30' BOOM CAPACITIES                                                                 |  |
| STOWED JIB DEDUCTIONS                                                               |  |
| 31FT JIB DEDUCTIONS                                                                 |  |
| TELESCOPIC JIB DEDUCTIONS                                                           |  |

| JIB LOAD CAPACITIES (KG) FOR ALL BOOM LENGTHS. JIB CAPACITIES ARE FOR FULL SPAN OUTRIGGERS (7.3 m) |                     |      |      |      |      |      |
|----------------------------------------------------------------------------------------------------|---------------------|------|------|------|------|------|
| LOADED BOOM ANGLE                                                                                  |                     | 60°* | 65°  | 70°  | 75°  | 80°  |
| FIXED 9.5 m JIB                                                                                    |                     | 861  | 1180 | 1408 | 1542 | 1770 |
| TELESCOPIC JIB                                                                                     | RETRACTED 9.5 m JIB | 499  | 1043 | 1408 | 1542 | 1770 |
|                                                                                                    | EXTENDED 16.7 m JIB | 317  | 680  | 907  | 998  | 1134 |

\* DO NOT OPERATE JIBS BELOW THIS ANGLE UNLESS BOOM IS FULLY RETRACTED. SEE NOTE 6.

| JIB LOAD CAPACITIES (KG) FOR ALL BOOM LENGTHS. JIB CAPACITIES ARE FOR FULL SPAN OUTRIGGERS (7.3 m) |                     |       |      |      |      |      |
|----------------------------------------------------------------------------------------------------|---------------------|-------|------|------|------|------|
| LOADED BOOM ANGLE                                                                                  |                     | 60° * | 65°  | 70°  | 75°  | 80°  |
| FIXED 9.5 m JIB                                                                                    |                     | 861   | 1180 | 1406 | 1542 | 1770 |
| TELESCOPING JIB                                                                                    | RETRACTED 9.5 m JIB | 499   | 1043 | 1406 | 1542 | 1770 |
|                                                                                                    | EXTENDED 16.7 m JIB | 317   | 680  | 907  | 998  | 1134 |
| * DO NOT OPERATE JIBS BELOW THIS ANGLE UNLESS BOOM IS FULLY RETRACTED. SEE NOTE 6.                 |                     |       |      |      |      |      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|
| <p>OPERATOR AIDS MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNERS MANUAL.</p> <p>KEEP AT LEAST 3 WRAPS OF LOADLINE ON DRUM AT ALL TIMES.</p> <p>USE ONLY 5/8" DIAMETER IWRC OR ROTATION RESISTANT WIRE ROPE WITH 45,400 LBS. MIN. BREAKING STRENGTH ON THIS MACHINE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | 1 PART<br>LOAD LINE                                                                 | 2 PART<br>LOAD LINE                                                                 | 3 PART<br>LOAD LINE                                                                 | 4 PART<br>LOAD LINE                                                                  | 5 PART<br>LOAD LINE                                                                   | 6 PART<br>LOAD LINE                                                                   |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |  |  |  |  |  |  |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           | LOADS<br>UP TO                                                                      | LOADS<br>UP TO                                                                      | LOADS<br>UP TO                                                                      | LOADS<br>UP TO                                                                       | LOADS<br>UP TO                                                                        | LOADS<br>UP TO                                                                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           | IWRC XXIP WIRE ROPE                                                                 | 12,971 LBS.                                                                         | 25,942 LBS.                                                                         | 38,913 LBS.                                                                          | 51,884 LBS.                                                                           | 64,855 LBS.                                                                           | 76,000 LBS.   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           | ROTATION RESISTANT WIRE ROPE                                                        | 9,080 LBS.                                                                          | 18,160 LBS.                                                                         | 27,240 LBS.                                                                          | 36,320 LBS.                                                                           | 45,400 LBS.                                                                           | 54,480 LBS.   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           | MAXIMUM BOOM LENGTH AT MAXIMUM ELEVATION WITH RIGGING SHOWN TO REACH THE GROUND     | 127 FT<br>BOOM                                                                      | 119 FT<br>BOOM                                                                      | 87 FT<br>BOOM                                                                        | 68 FT<br>BOOM                                                                         | 55 FT<br>BOOM                                                                         | 46 FT<br>BOOM |
| WINCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                                                                     | LIFTS AND SPEEDS                                                                    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |               |
| 5/8"<br>DIAMETER<br>IWRC XXIP<br>CABLE<br>SUPPLIED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STANDARD PLANETARY<br>WINCH<br>HIGH SPEED | 6170 LBS.<br>298 FT/MIN                                                             | 12,340 LBS.<br>149 FT/MIN                                                           | 18,510 LBS.<br>99 FT/MIN                                                            | 24,680 LBS.<br>74 FT/MIN                                                             | 30,850 LBS.<br>59 FT/MIN                                                              | 37,020 LBS.<br>49 FT/MIN                                                              |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | STANDARD PLANETARY<br>WINCH<br>LOW SPEED  | 12340 LBS.<br>149 FT/MIN                                                            | 24,680 LBS.<br>74 FT/MIN                                                            | 37,020 LBS.<br>49 FT/MIN                                                            | 49,360 LBS.<br>37 FT/MIN                                                             | 61,700 LBS.<br>29 FT/MIN                                                              | 74,040 LBS.<br>24 FT/MIN                                                              |               |
| ALL WINCH PULLS AND SPEEDS IN THIS CHART ARE SHOWN ON THE 3RD LAYER. WINCH LINE PULLS WOULD INCREASE ON THE FIRST AND SECOND LAYERS. WINCH LINE SPEED WOULD DECREASE ON THE FIRST AND SECOND LAYERS. WINCH LINE PULLS MAY BE LIMITED BY THE WINCH CAPACITY OF 10,439 LBS FULL DRUM OR ANSI CABLE SAFETY LIMITS SHOWN IN CHART FOR IWRC XXIP AND ROTATION RESISTANT WIRE ROPES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |               |
| CAUTION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |               |
| <div><div><div>1. Load ratings shown are maximum allowable loads with the crane mounted on an Altec-approved chassis.</div><div>2. Loaded boom angles at specified boom lengths give only an approximation of the operating radius. The boom angle before loading should be greater to account for deflections. Do not exceed the operating radius for rated loads.</div><div>3. When between listed boom lengths for radii, always use the smallest of values shown. Capacities for the 31 ft boom length must only be lifted with boom fully retracted.</div></div><div><div>4. Load ratings are based on freely suspended loads with the crane properly set-up on outriggers, with the machine leveled and standing on firm uniform supporting surface.</div><div>5. Actual working capacities depend on supporting surfaces, wind and other factors affecting stability such as hazardous surroundings, experience of personnel, and proper handling.</div><div>6. Weights of load block, stowed jib, or other accessories must be deducted from the rated capacities shown.</div></div></div> |                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |               |





*Vehicle Travel Height of 12.9 ft (3.9 m)*

---



*Optional 2-Man Platform*

---



# SARAL VİNC

PLATFORM, VİNC, NAKLİYE,  
İSTİF MAKİNELERİ

