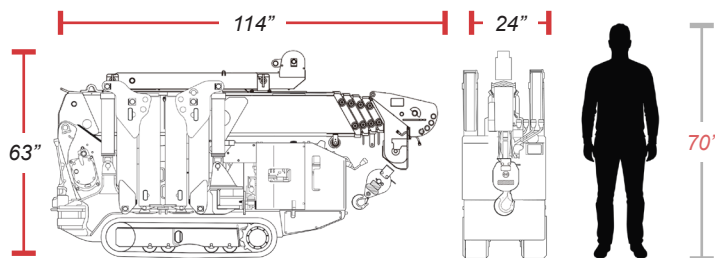
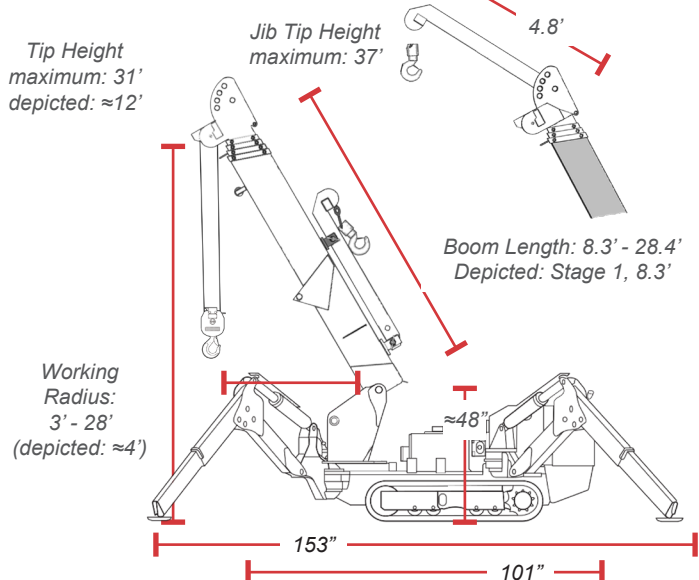
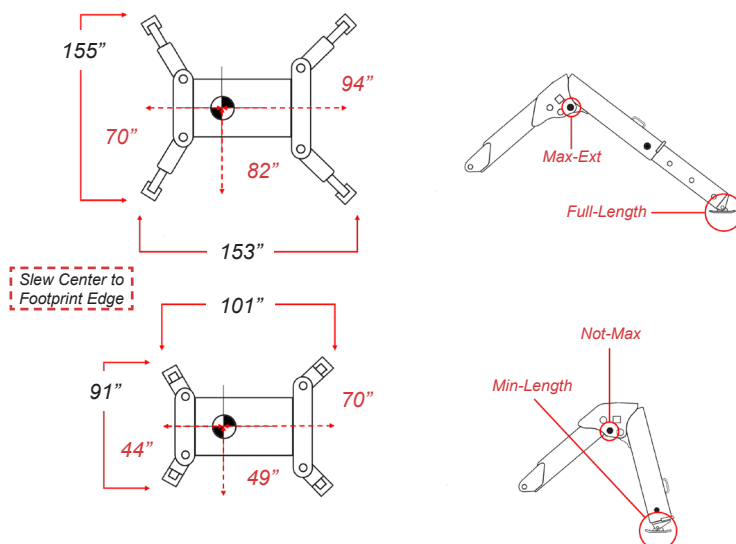


**Nominal Deployment  
MAX-EXT Outriggers  
Boom Stage 1, over-the-front, 60°**

**Boom Stage 2, 60°, Jib Tilt 40°,  
with Searcher Hook installed**



## Deployment Footprints



## SPECIFICATIONS

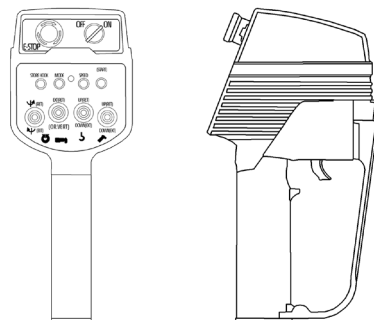
|                       |                                                     |                             |
|-----------------------|-----------------------------------------------------|-----------------------------|
| System Working Weight | 4,330 lbs (1964 kg) (gas/propane powerplant)        |                             |
| Max Rated Capacity    | 6,450 lbs (2926 kg) (4-Part)                        | 1,630 lbs (739 kg) (1-Part) |
| Boom Length           | 8.3' - 28.4' (2.53M - 8.65M)                        |                             |
| Working Radius        | 3' - 27.6' (.91M - 8.4M)                            |                             |
| Maximum Tip Height    | 31' (9.45M) / 37' (11.28M) Max. Jib Tip Height      |                             |
| Wire Rope             | 155' (54M) of 5/16\" (8mm) 6x26 (WS) IWRC           |                             |
| Winch Speed           | 33' (10M) per minute (at 4th layer w/ 2-Part)       |                             |
| Boom Type             | Five-section hexagonal, hydraulic                   |                             |
| Telescope Speed       | 20' (6.12M) in 20 seconds                           |                             |
| Angle Speed           | 0°-78° in 11 seconds                                |                             |
| Slew Speed            | 1.5 rpm, continuous rotation                        |                             |
| Max Travel Speed      | 1.43 mph (2.3km/h) (gasoline, wot)                  |                             |
| Travel Grade/Limits   | 20° fore-aft, 5° side-side, 3° side-side (off road) |                             |

## FEATURES

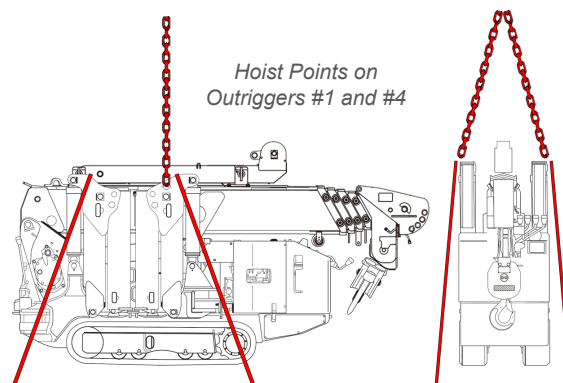
|                                            |                                                             |
|--------------------------------------------|-------------------------------------------------------------|
| Integrated computer controller             | On-board toolkit                                            |
| Load weight gauge                          | Integrated hydraulic holding valves and self-braking motors |
| Wireless remote controller                 | Real-time stability monitoring                              |
| Progressive, infinitely-variable controls  | Quick-install jib system                                    |
| Selectable-length and -geometry outriggers | Two-block and minimum-wire rope detection and prevention    |
| Multiple transport options                 | Rough terrain travel capability                             |

## Remote Controller

- 458-459 MHz
- ≈330' range)
- Designed for one-hand operation
- Powered by four AAA batteries (10 hours of use)
- Progressive-control action trigger

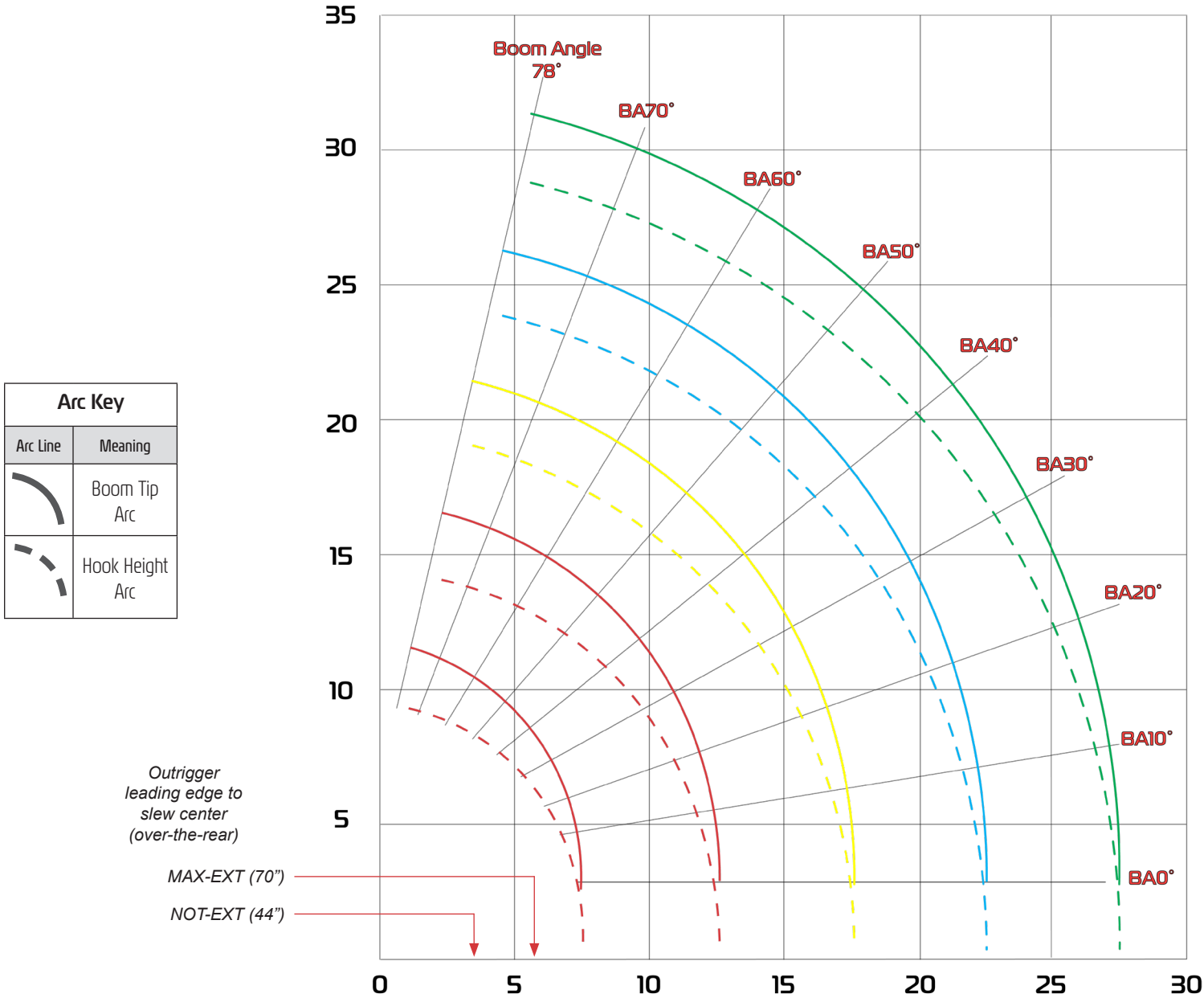


## Transport Options

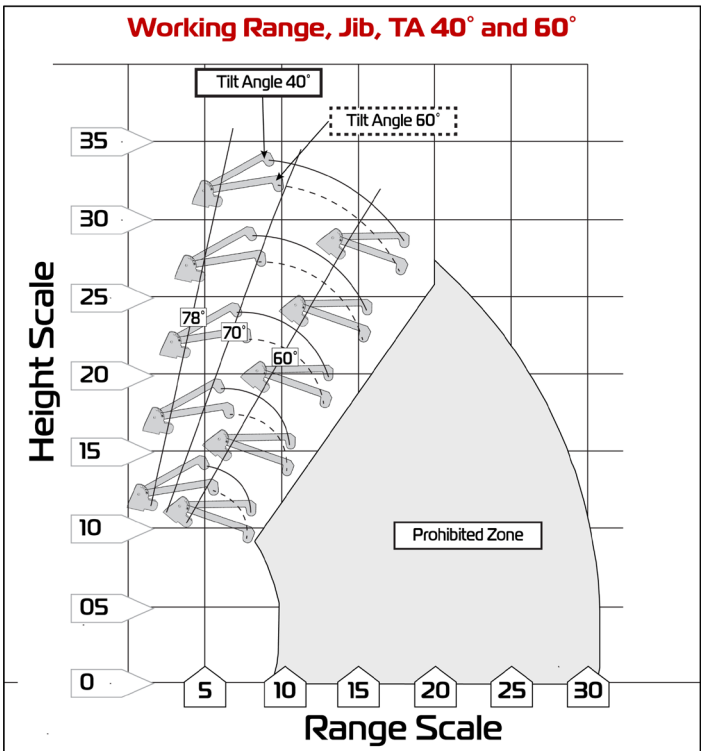
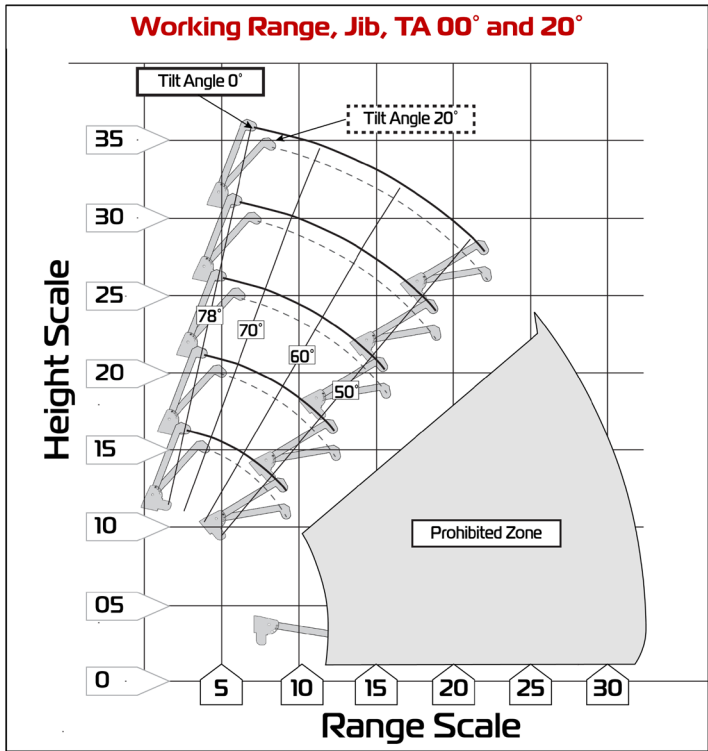


Tie-Down Points on Outriggers #1 through #4

Working Range, Boom



Working Range, Jib



Load Chart, Boom, 4-Part Hook Block

| BOOM STAGE<br>1 AND 2 | Deployment State | Working Radius (feet) |      |      |      |      |      |      |      |       |       |
|-----------------------|------------------|-----------------------|------|------|------|------|------|------|------|-------|-------|
|                       |                  | 3.0                   | 4.5  | 5.0  | 6.0  | 7.0  | 8.0  | 10.0 | 11.0 | 12.58 |       |
|                       | MAX-EXT          | 6450                  | 6450 | 5850 | 4950 | 4350 | 3800 | 2850 | 2450 | 2000  |       |
|                       | NOT-EXT          | 4450                  | 4450 | 4450 | 3150 | 2250 | 1600 | 1100 | 950  | 600   |       |
| BOOM STAGE<br>3       | Deployment State | 7.0                   | 8.0  | 9.5  | 10.0 | 11.0 | 12.0 | 14.0 | 15.0 | 17.62 |       |
|                       | MAX-EXT          | 3050                  | 3050 | 3050 | 2750 | 2450 | 2150 | 1650 | 1450 | 1000  |       |
|                       | NOT-EXT          | 1850                  | 1550 | 1250 | 1150 | 1000 | 850  | 60W0 | 550  | 300   |       |
| BOOM STAGE<br>4       | Deployment State | 11.0                  | 12.5 | 13.0 | 15.0 | 16.0 | 17.0 | 18.0 | 20.0 | 22.61 |       |
|                       | MAX-EXT          | 1950                  | 1950 | 1780 | 1350 | 1200 | 1100 | 1000 | 850  | 660   |       |
|                       | NOT-EXT          | 1000                  | 800  | 750  | 600  | 510  | 450  | 370  | 280  | 200   |       |
| BOOM STAGE<br>5       | Deployment State | 12.5                  | 13.5 | 15.0 | 16.0 | 18.0 | 19.0 | 21.0 | 23.0 | 25.0  | 27.59 |
|                       | MAX-EXT          | 1280                  | 1280 | 1050 | 920  | 750  | 700  | 590  | 500  | 440   | 350   |
|                       | NOT-EXT          | 850                   | 700  | 600  | 530  | 420  | 380  | 300  | 220  | 180   | 130   |

Load Charts, Jib

| Jib and Searcher Hook |         |                 |                |         |                 |
|-----------------------|---------|-----------------|----------------|---------|-----------------|
| Working Radius        | MAX-EXT | NOT-MAX         | Working Radius | MAX-EXT | NOT-MAX         |
| 12.5                  | 1560    | 560             | 12.5           | 1120    | 560             |
| 13.0                  | 1560    | 460             | 13.0           | 1010    | 460             |
| 15.0                  | 1060    | 330             | 15.0           | 870     | 330             |
| 16.0                  | 940     | 280             | 16.0           | 740     | 280             |
| 18.0                  | 740     | 190             | 18.0           | 670     | 190             |
| 20.0                  | 570     | 120             | 20.0           | 570     | 120             |
| 21.0                  | 520     | 110             | 21.0           | 210     | 110             |
| 23.0                  | 410     | Prohibited Zone | 23.0           | 410     | Prohibited Zone |
| 26.0                  | 310     |                 | 26.0           | 310     |                 |
| 27.5                  | 240     |                 | 30             | 220     |                 |
|                       |         |                 | 32.5           | 130     |                 |

| Jib and 1-Part Hook Block |                 |      |                 |      |              |                 |     |                 |     |  |  |  |  |  |
|---------------------------|-----------------|------|-----------------|------|--------------|-----------------|-----|-----------------|-----|--|--|--|--|--|
| Boom Stage 1-4            |                 |      |                 |      | Boom Stage 5 |                 |     |                 |     |  |  |  |  |  |
| Boom Angle                | 0°              | 20°  | 40°             | 60°  | Boom Angle   | 0°              | 20° | 40°             | 60° |  |  |  |  |  |
| 78°                       | 1580            | 1580 | 1580            | 1580 | 78°          | 920             | 920 | 920             | 920 |  |  |  |  |  |
| 75°                       | 1580            | 1580 | 1580            | 1580 | 75°          | 920             | 920 | 920             | 920 |  |  |  |  |  |
| 70°                       | 1580            | 1580 | 1580            | 1580 | 70°          | 920             | 920 | 920             | 920 |  |  |  |  |  |
| 65°                       | 1140            | 1140 | 1140            | 1140 | 65°          | 590             | 590 | 590             | 590 |  |  |  |  |  |
| 60°                       | 810             | 810  | 810             | 810  | 60°          | 480             | 480 | 480             | 480 |  |  |  |  |  |
| 55°                       | 590             | 590  | Prohibited Zone |      | 55°          | 370             | 370 | Prohibited Zone |     |  |  |  |  |  |
| 50°                       | 480             | 480  |                 |      | 50°          | 260             | 260 |                 |     |  |  |  |  |  |
| 40°                       | Prohibited Zone |      |                 |      | 40°          | Prohibited Zone |     |                 |     |  |  |  |  |  |
| 30°                       |                 |      |                 |      |              |                 |     |                 |     |  |  |  |  |  |
| 20°                       |                 |      |                 |      |              |                 |     |                 |     |  |  |  |  |  |
| 10°                       |                 |      |                 |      |              |                 |     |                 |     |  |  |  |  |  |
| 0°                        |                 |      |                 |      |              |                 |     |                 |     |  |  |  |  |  |

Selectable-Geometry Outriggers

Your SPYDERCRANE is equipped with selectable-geometry outriggers, allowing you to deploy it into limited-access/restricted-geometry environments at the cost of limiting its safe working radius.

