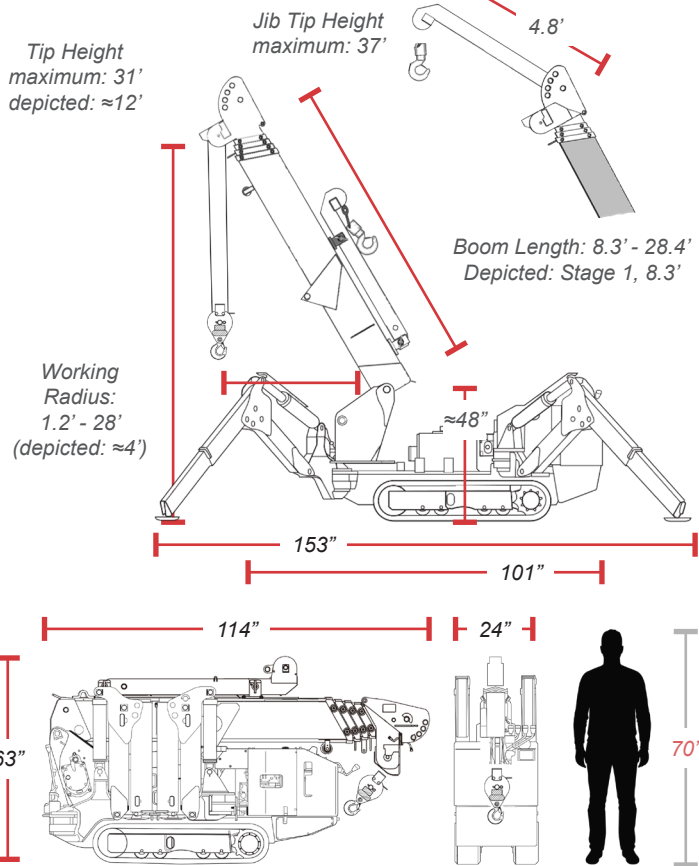
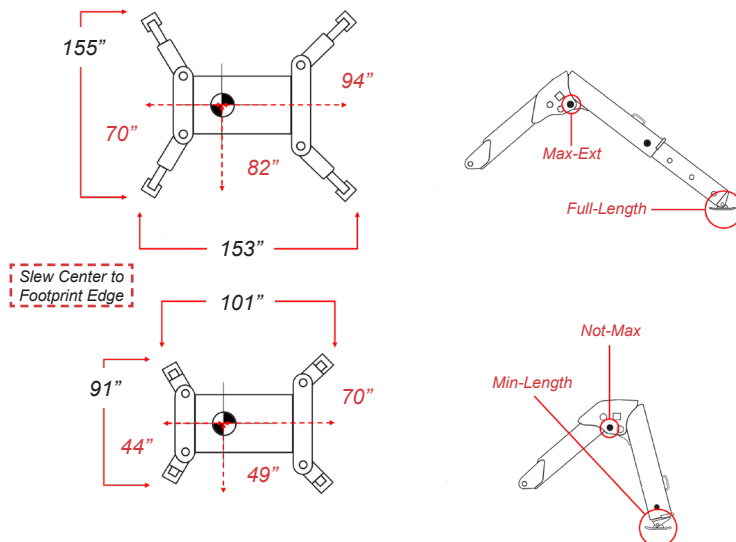


Nominal Deployment
MAX-EXT Outriggers
Boom Stage 1, over-the-front, 60°

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



Deployment Footprints



SPECIFICATIONS

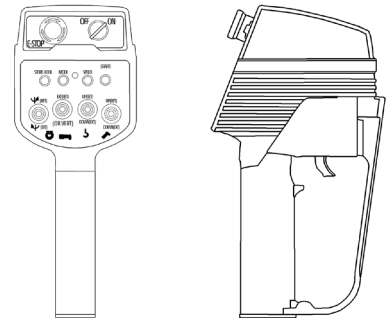
System Working Weight	4,330 lbs (1964 kg) (gas/propane powerplant)	
Max Rated Capacity	1,990 lbs (903 kg) (2-Part)	1,630 lbs (739 kg) (1-Part)
Boom Length	8.3' - 28.4' (2.53M - 8.65M)	
Working Radius	3' - 27.6' (.91M - 8.4M)	
Maximum Tip Height	31' (9.45M) / 37' (11.28M) Max. Jib Tip Height	
Wire Rope	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

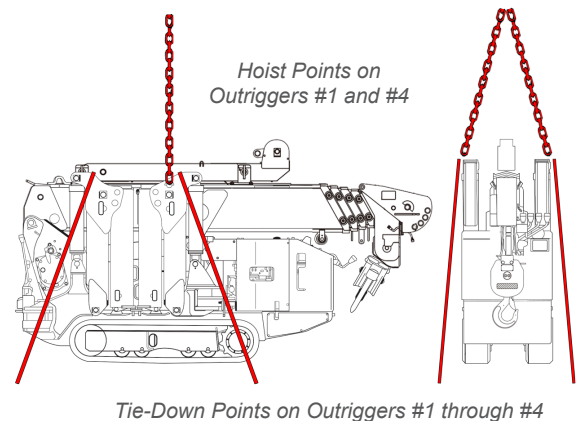
Integrated computer controller	On-board toolkit
Load weight gauge	Integrated hydraulic holding valves and self-braking motors
Wireless remote controller	Real-time stability monitoring
Progressive, infinitely-variable controls	Quick-install jib system
Selectable-length and -geometry outriggers	Two-block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

Remote Controller

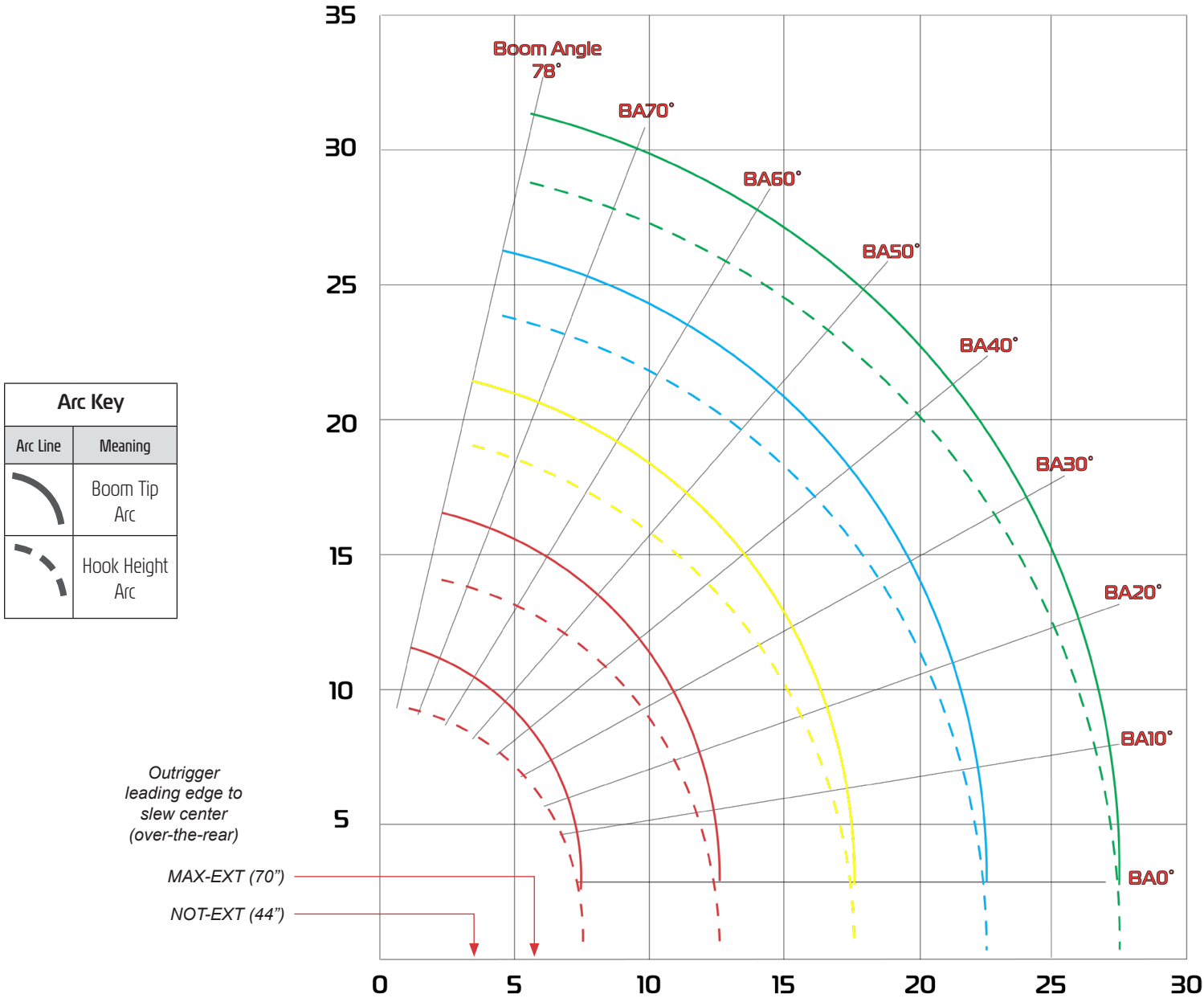
- 458-459 MHz
- ≈330' range)
- Designed for one-hand operation
- Powered by four AAA batteries (10 hours of use)
- Progressive-control action trigger



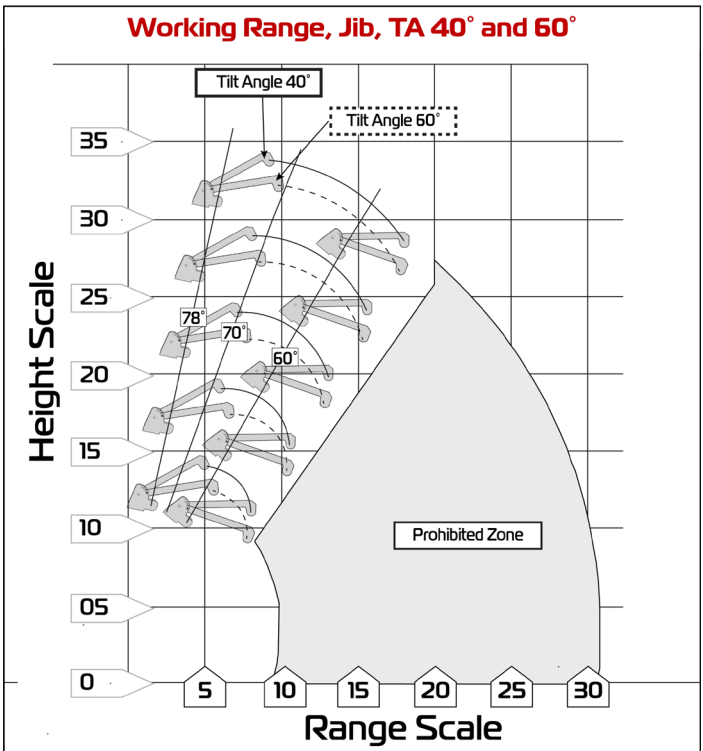
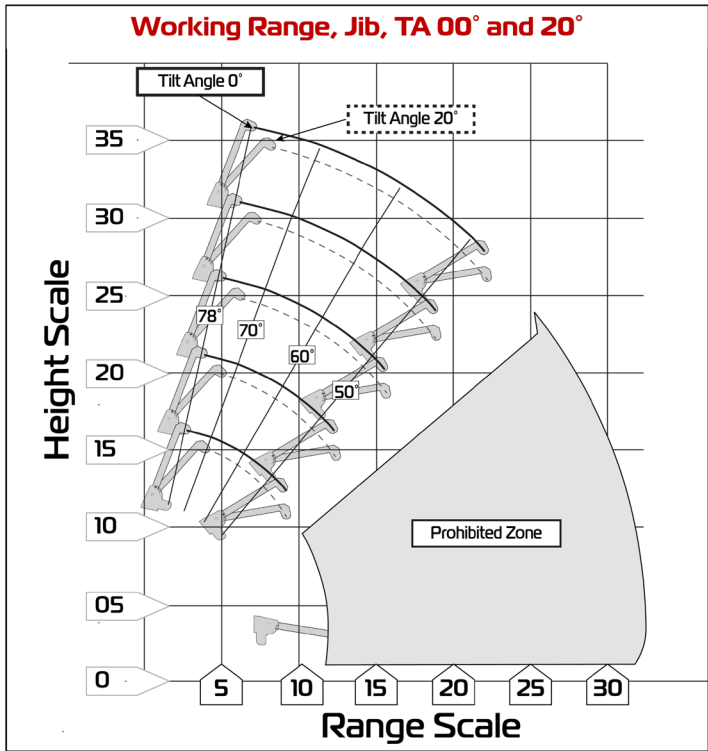
Transport Options



Working Range, Boom



Working Range, Jib



Load Chart, Boom, 2-Part Hook Block

BOOM STAGE 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	1990	1990	1990	1990	1990	1990	1990	1990	1990	
	NOT-EXT	1990	1990	1990	1990	1990	1600	1100	950	600	
BOOM STAGE 3	Deployment State	7.0	8.0	9.5	10.0	11.0	12.0	14.0	15.0	17.62	
	MAX-EXT	1990	1990	1990	1990	1990	1990	1650	1450	1000	
	NOT-EXT	1850	1550	1250	1150	1000	850	60W0	550	300	
BOOM STAGE 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 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.

