

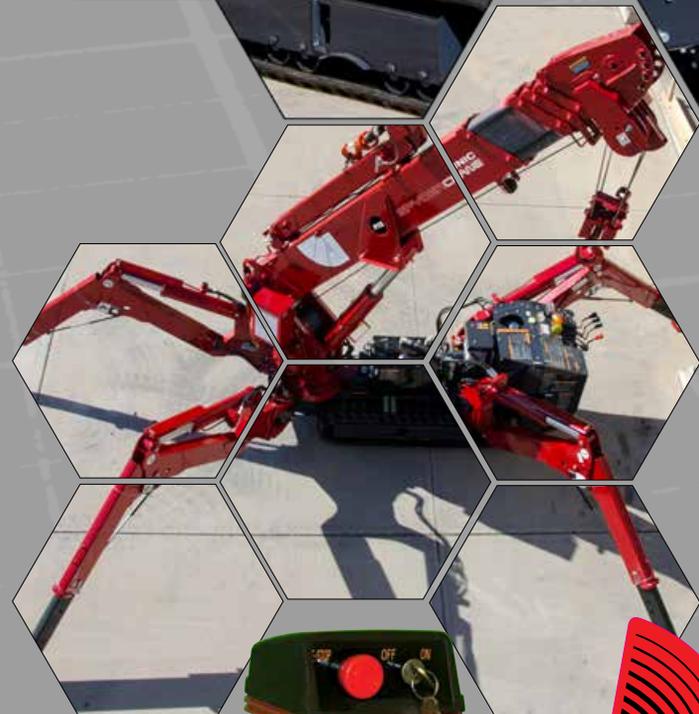
SPYDERCRANE

URW205 SERIES

MINI-CRAWLER CRANE



24"
wide
in travel mode



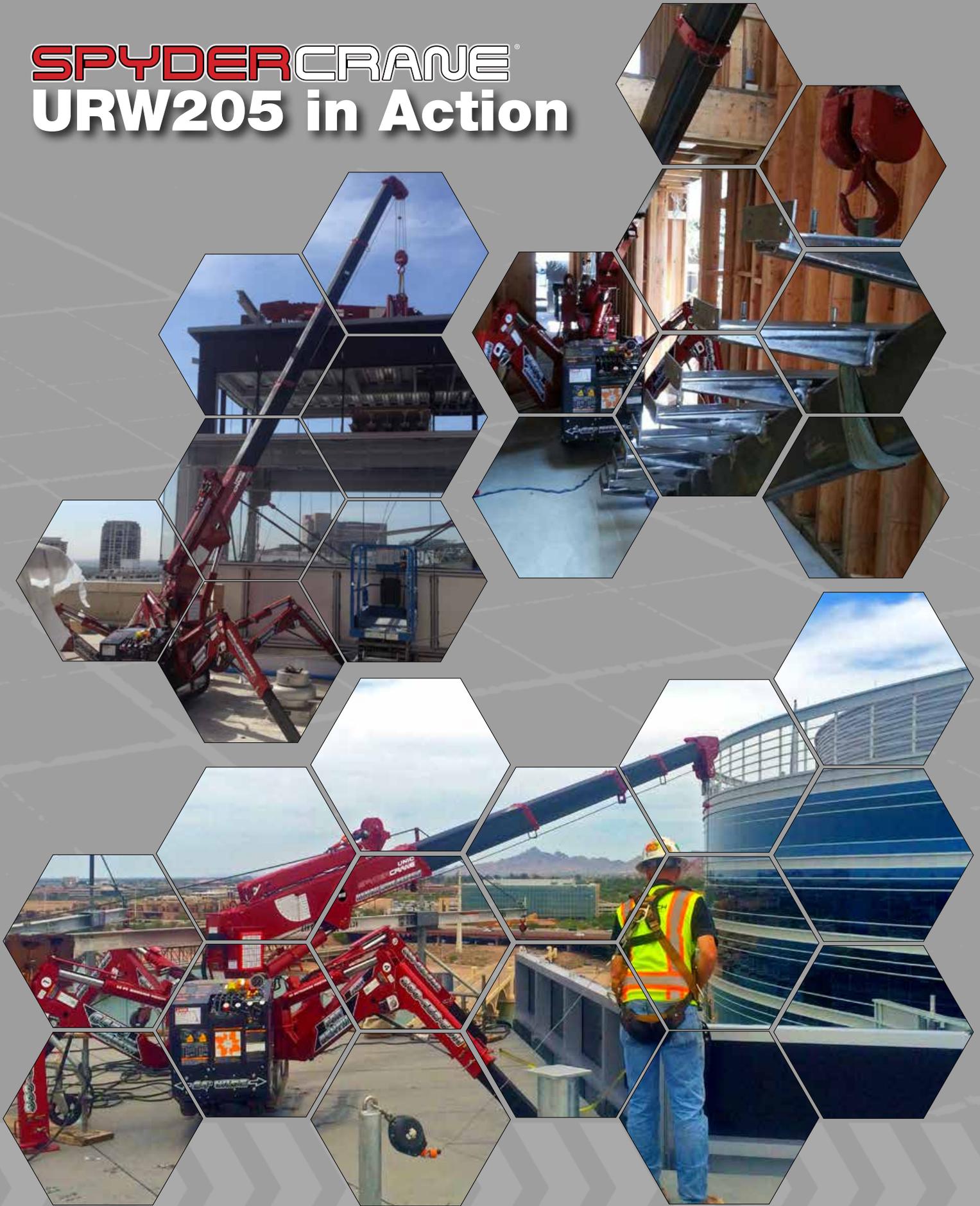
U-WAVE
**Wireless Radio
Remote Control**



31ft Tip Height
37ft with Jib

5,800
lbs Capacity

SPYDERCRANE[®] URW205 in Action



LOAD CHARTS

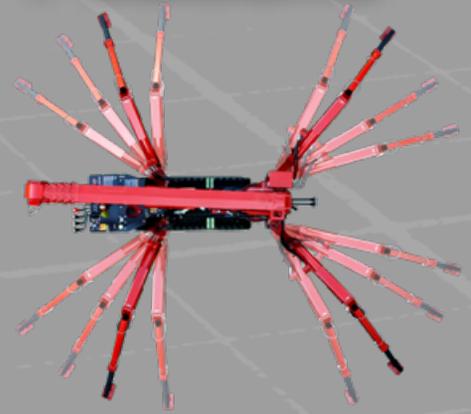
LOAD CHART

Lifting capacity varies depending on outrigger configuration and boom length and angle.

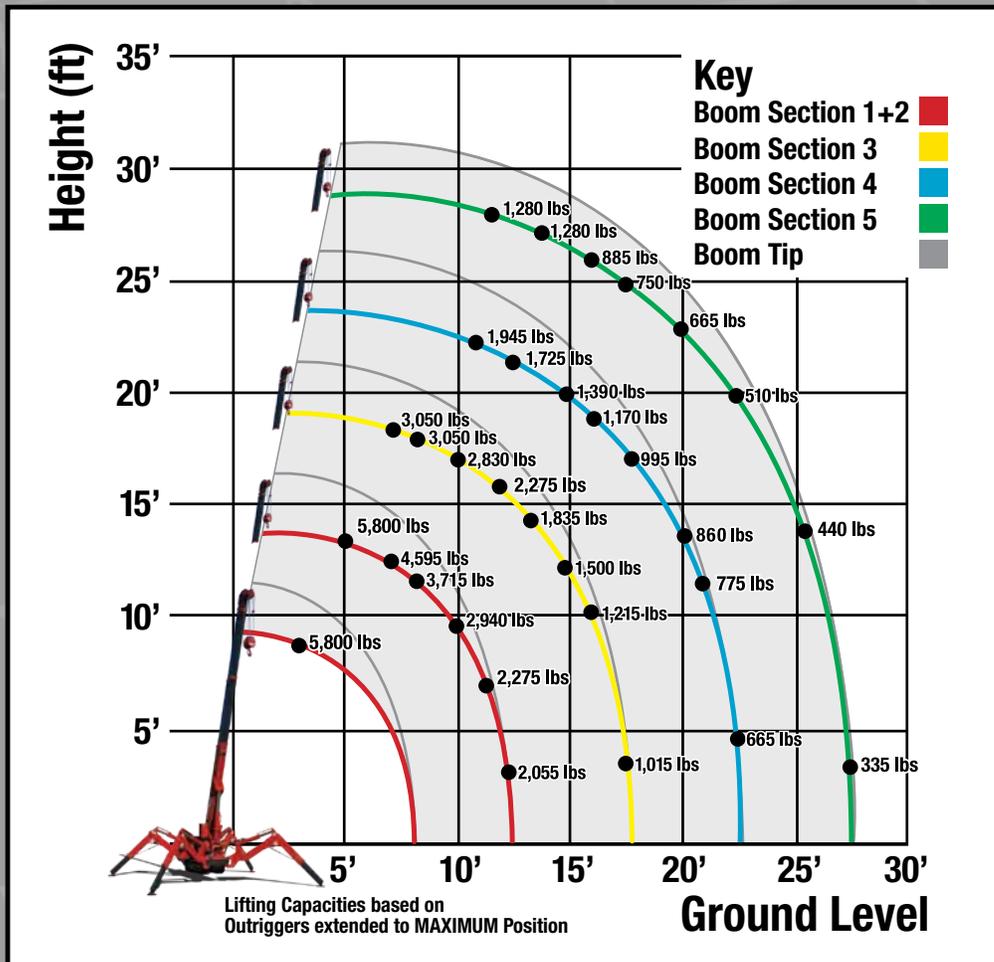
BOOM SECTION 1 EXTENDED BOOM SECTION 1 + 2 EXTENDED										
Working Radius (ft.)	3	4.5	5	6	7	8	10	11	12.56	
Outriggers Maximum (lbs.)	5,800	5,800	5,800	4,950	4,350	3,800	2,850	2,450	2,000	
Outriggers Minimum (lbs.)	4,450	4,450	4,450	3,150	2,250	1,600	1,100	950	600	
BOOM SECTION 1 + 2 + 3 EXTENDED										
Working Radius (ft.)	7	8	9.5	10	11	12	14	15	17.62	
Outriggers Maximum (lbs.)	3,050	3,050	3,050	2,750	2,450	2,150	1,650	1,450	1,000	
Outriggers Minimum (lbs.)	1,850	1,550	1,250	1,150	1,000	850	600	550	300	
BOOM SECTION 1 + 2 + 3 + 4 EXTENDED										
Working Radius (ft.)	11	12.5	13	15	16	17	18	20	22.61	
Outriggers Maximum (lbs.)	1,950	1,950	1,750	1,350	1,200	1,100	1,000	850	660	
Outriggers Minimum (lbs.)	1,000	800	750	600	510	450	370	280	200	
BOOM SECTION 1 + 2 + 3 + 4 + 5 EXTENDED										
Working Radius (ft.)	12.5	13.5	15	16	18	19	21	23	25	27.59
Outriggers Maximum (lbs.)	1,280	1,280	1,050	920	750	700	590	500	440	350
Outriggers Minimum (lbs.)	850	700	600	530	420	380	300	220	180	130

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Possible
Outrigger
Positions



WORKING RADIUS



LOAD CHARTS

Rated Load for Extension Jib in lbs.

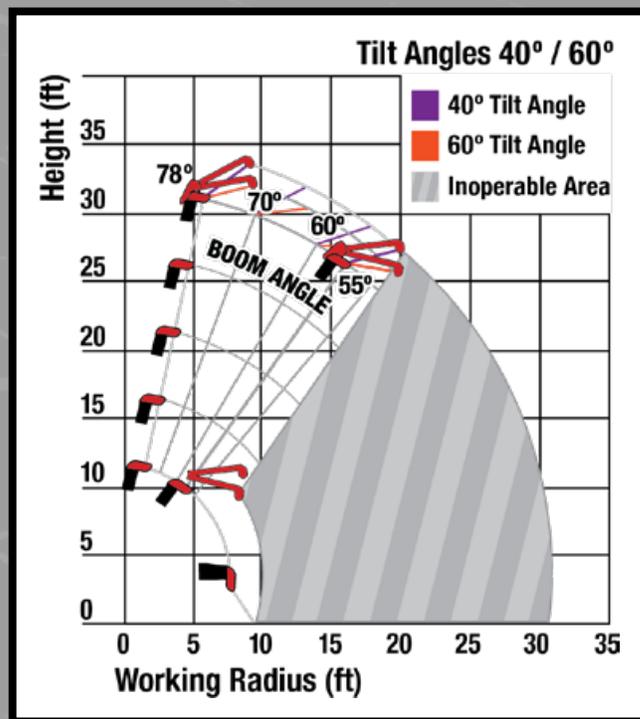
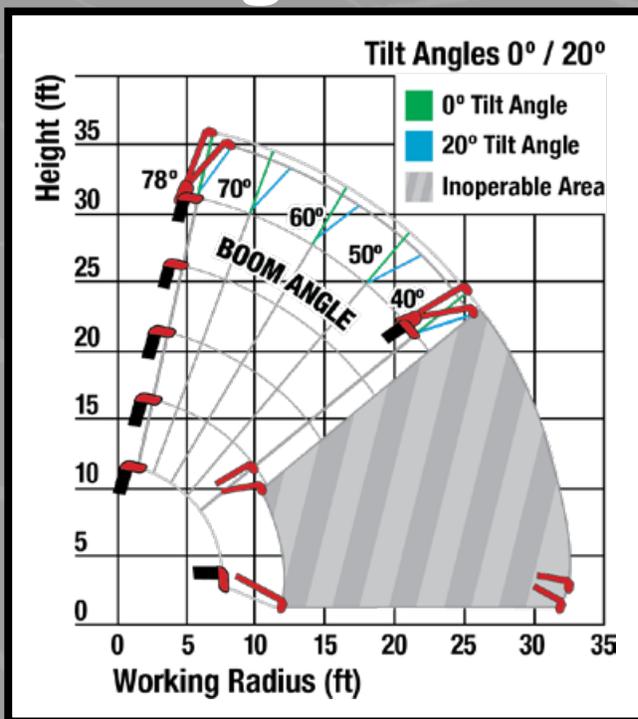
1st TO 4th BOOM SECTIONS

Boom Angle	78°	75°	70°	65°	60°	55°	50°	40°	30°	20°	10°	0°	
Tilt Angle	0°	1,580	1,580	1,580	1,140	810	590	590	PROHIBITED AREA OF CRANE OPERATIONS				
	20°	1,580	1,580	1,580	1,140	810	590	590					
	40°	1,580	1,580	1,580	1,140	810							
	60°	1,580	1,580	1,580	1,140	810							

5th BOOM SECTION ONLY

Boom Angle	78°	75°	70°	65°	60°	55°	50°	40°	30°	20°	10°	0°	
Tilt Angle	0°	920	920	920	590	480	370	260	PROHIBITED AREA OF CRANE OPERATIONS				
	20°	920	920	920	590	480	370	260					
	40°	920	920	920	590	480							
	60°	920	920	920	590	480							

Working Radius - Jib



Rated Load for Searcher Hook in lbs.

1st TO 4th BOOM SECTIONS

Working Radius (ft.)	12.5	13	15	16	18	20	21	23	26	27.5
Outriggers Maximum (lbs.)	1,560	1,560	1,060	940	740	570	520	410	310	240
Outriggers Minimum (lbs.)	560	460	330	280	190	120	110	PROHIBITED AREA OF CRANE OPERATIONS		

5th BOOM SECTION ONLY

Working Radius (ft.)	12.5	13	15	16	18	20	21	23	26	30	32.5
Outriggers Maximum (lbs.)	1,120	1,010	870	740	670	570	510	410	310	220	130
Outriggers Minimum (lbs.)	560	460	330	280	190	120	110	PROHIBITED AREA OF CRANE OPERATIONS			

1 Part line - 1,630 lbs | 2 Part line - 3,260 lbs | 3 Part line - 4,890 lbs | 4 Part line - 5,800 lbs

SPECIFICATIONS

	URW205CP1URS & URW205CP1URS/P	URW205CP1UMRS & URW205CP1UMRS/P	URW205CP1UBRS	URW205C4URS	URW205C4UMRS
Engine / Motor				DIESEL	DIESEL Electric
Engine Manufacturer:	Mitsubishi (Gas)	Mitsubishi (Gas)	DC	Kubota	Kubota (Diesel)
Maximum Output:	Gasoline - 13HP Propane - 11.7HP	Gasoline - 13HP Propane - 11.7HP Electric - 5HP/220V (Single Phase)	48V Battery 110V Electric	7.2kw (Tier 4 Compliant)	Diesel- 7.2kw (Tier 4 Compliant) Electric - 5HP/220V (Single Phase)
Tank Capacity:	1.85 gal	1.85 gal		2.7 gal	2.7 gal
Starting Method	Electric and Recoil Start as Standard		N/A	Electric Start	
Crane Capacity	5,800 lbs @5 ft				
Max Working Radius	1.4 - 28.0 ft				
Tip Height	31 ft (37 ft with Jib)				
Turning Radius	Turns within its dimensions				
Dimensions when Folded (ft.)	2.0 x 4.6 x 9.0 (W x H x L)			2.0 x 4.6 x 9.1 (W x H x L)	2.0 x 4.6 x 9.0 (W x H x L)
Weight	4,200 lbs	4,380 lbs	4,360 lbs	4,245 lbs	4,425 lbs
Outrigger Point Loading	152.2 psi on standard outrigger pads (7" x 4.5") (Specific point landing available upon request)				
Winch Speed	Capacity: 1,630 lbs. at 4th layer Single-Line				
	131 ft/min at 4th layer	131 ft/min at 4th layer Electric: 89 ft/min at 4th layer	131 ft/min at 4th layer	131 ft/min at 4th layer	131 ft/min at 4th layer Electric: 89 ft/min at 4th layer
Telescopic System	Boom Length: 8.3 ft (retracted) to 28.4 ft (extended) Boom Type: 5-Section hydraulically telescoping boom, with hexagonal box construction				
Telescoping Speed	20 ft / 20 seconds				
Boom Lift Speed	0° - 78° / 11 sec	Gas: 0° - 78° / 11 sec Electric: 0° - 78° / 15 sec	0° - 78° / 15 sec	0° - 78° / 11 sec	Diesel: 0° - 78° / 11 sec Electric: 0° - 78° / 15 sec
Traction System	Travel Speed: 0-1.43 mph				
	Gradability: 20°				
	Track Ground Pressure: 6.96 psi				
Accessories & Options	<ul style="list-style-type: none"> • SPYDERWEB 5-Axis fixed Glass Manipulator - Attaches directly to boom for rigid application • 6 ft offsettable Jib with Searcher Hook and Single-Line Swivel Ball • Custom SPYDERCRANE Trailer - Includes Track Mats, Tool Box, Outrigger Pads and Fuel Containers 		<ul style="list-style-type: none"> • Auxilliary Winch Kit - 2,000 lb Single-Line Pull, 330 ft, 5/16" Wire Rope, 90 FPM • Auxilliary Winch Kit - 3,000 lb Single-Line Pull, 400 ft, 3/8" Wire Rope • MYLAR Non-Marking Tracks • Single-Part Reeving and Two-Part Reeving capability 		

Product specifications are subject to change without notice. No specific training or license is required to operate the SPYDERCRANE in most areas, but operators are responsible for knowing and meeting all safety requirements and regulations.

ACCESSORIES

SPYDERWEB GLASS HANDLER

The SPYDERWEB Glass Handler is perfect for lifting and moving large format glass panels when combined with a SPYDERCRANE Mini-Crawler Crane.

- Lifts up to 1,323 lbs
- Mounts directly to the crane arm or at the crane hook
- Remote control activates the rotating, swiveling and tilting cylinder as well as the pneumatic functions
- Battery powered (24V)



AERIAL PLATFORM

The SPYDERCRANE Aerial Platform allows a worker to get close to the work.

- Gravity hung, self-leveling design
- Maximum capacity of 300 lbs
- Easy-on/off Pin Design
- Lifetime Structural Warranty



CUSTOM TRAILER

Transport your SPYDERCRANE and tools to the jobsite with ease.

- 8,000 lbs GVWR
- Protective Headboard
- Track Mats
- Fuel Containers
- 14 ft Length | 8 ft Width
- Storage Box for Tools/Rigging
- Outtrigger Pads



AUXILIARY WINCH

The optional Auxiliary Winch provides extra lifting capacity when attached to a SPYDERCRANE.

- 2,000 lbs Single-Line Pull
- Winch Speed: 90 feet per minute
- 330 ft Wire Rope length, 5/16" dia.
- 3,000 lbs Single-Line Pull
- 400 ft Wire Rope length, 3/8" dia.



MYLAR TRACKS

MYLAR Tracks are ideal for indoor environments where standard tracks would create unsightly marks on the floor.

- Non-Marking Tracks
- Ideal for indoor use on delicate floor surfaces

View More Accessories at
SmileyLiftingSolutions.com

WHAT IS A SPYDERCRANE® ?

A SPYDERCRANE Mini-Crawler is a mini-crane that has been designed and built for working in low access confined areas either indoors or outdoors. It is mounted on a dual track chassis with "spider-type" legs for its outriggers.

SPYDERCRANES are revolutionizing many industries by offering a flexible and versatile crane that while strong enough to lift up to 6.6 tons, can be used where a conventional truck mounted crane or carry-deck crane will not have access due to its size.



As the North American Distributor of SPYDERCRANES, Smiley Lifting Solutions has a wide range of mini-crawler cranes available. Whether your jobs are small or large, there is a SPYDERCRANE model that is the perfect fit. With a wide range of engine types and accessories available, we can provide you with a SPYDERCRANE to fit your exact needs.



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Visit us on the web at SmileyLiftingSolutions.com