

# URW-706-2

(6.0t x 3.0m)

- Total width 1.67m
- Max working radius 18.6m
- Diesel powered and optional mains electric
- Zero length increase with electric option
- Radio remote control as standard
- Working area limitation (optional)
- Stowable fly (extension) jib
- Searcher hook
- Intelligent throttle activation for economy and ecology



Safe load indicator



Optional Variable Footprint safe load indicator

Standard radio remote control



Optional radio remote control with digital feedback



Capacity 6.0t x 3.0m

Max. Boom Length 19.2m

Max. Lifting Height 19.5m  
(25.9m with hydraulic jib)

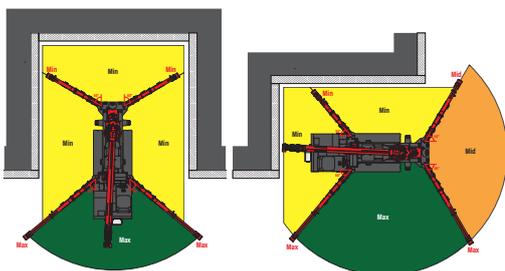
Jib capacity	800kg (max)
Jib length	3770-6000mm
Jib weight	480kg
Jib tilt angles	0°, 20°, 40°, 60°

Weight 8220 - 8670kg



With the ability to lift up to 6 tonnes, the URW 706-2 is able to lift to a maximum hook height of 25.9 metres, an extra 3 metres more than the standard model. This additional hydraulic jib/searcher hook makes it a truly versatile machine and provides that extra reach for tricky lifting projects. The UNIC URW-706-2 can be controlled from the operators driving seat or by a fully functional radio remote control for precise placement of loads. Digital feedback and data logging are also available as extras where required.

## OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION

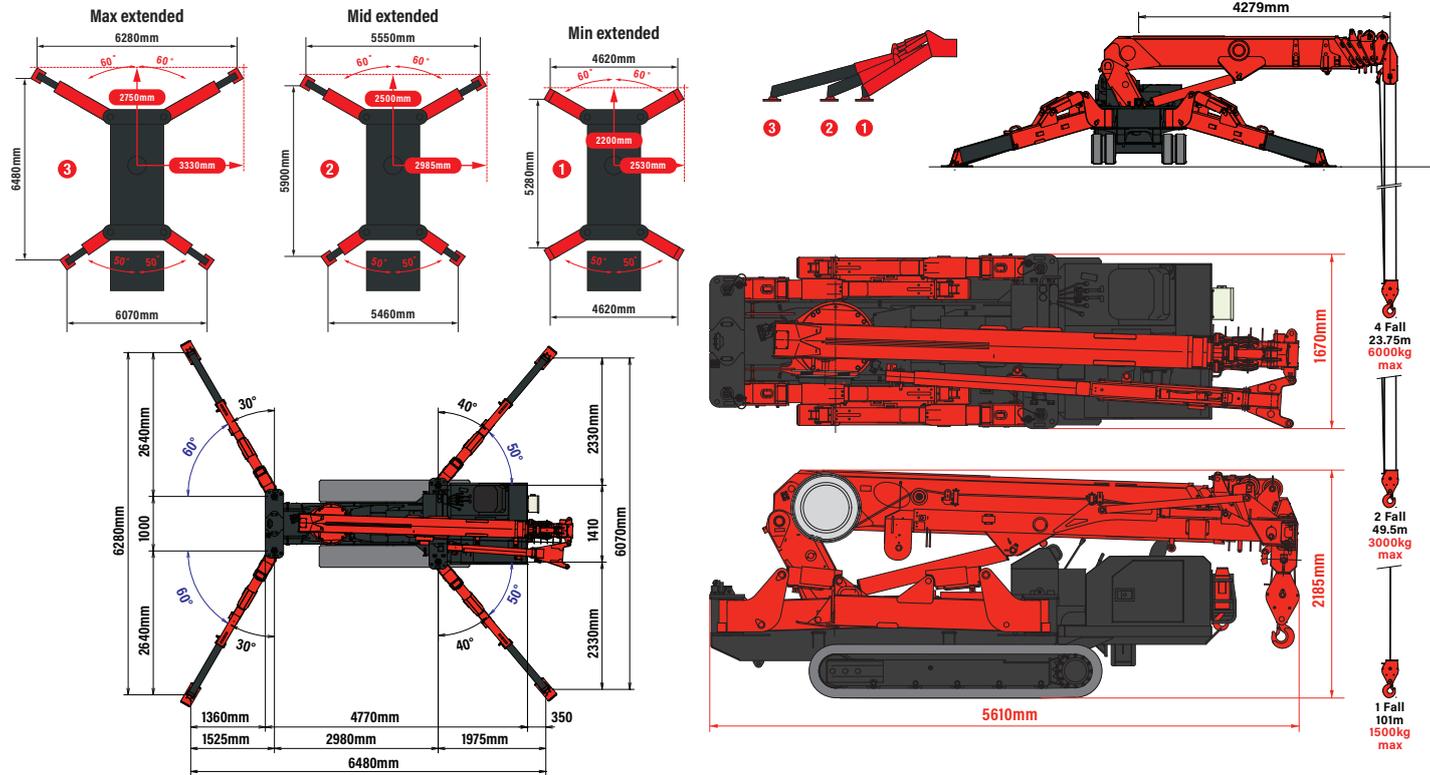


## CRANE SPECIFICATIONS

Crane capacity	capacity:	6.0t x 3.0m
Max working radius	max:	18.6m (20m with hydraulic fly jib)
Max lifting height	approx:	19.5m (25.2m with hydraulic fly jib, 25.9m with fixed hook)
Rope length	max:	23.75m (4 fall), 49.5m (2 fall), 101m (1 fall)
Dimensions	folded:	5610mm (l) x 1670mm (w) x 2185mm (h)
Weight	unladen:	8520kg (8670kg with electric option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	11m/min (with 5 layers and 4 falls)
Telescopic system	boom length:	4.80 - 19.20m
	telescoping speed:	14.4m/52 seconds
	boom type:	6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80° /16.0 seconds
Slewing angle/speed	approx:	360° (continuous) 2.5min rpm
Traction system	drive:	hydrostatic 2-speed, stepless forward and reverse
	travel speed:	0 - 2.9km/h
	gradeability:	± 20° (vertical) 20° (traverse)
	track ground length:	2240mm
	track ground pressure:	43.1kPa (0.44kg/cm <sup>2</sup> )
	track width:	400mm
Engine	manufacturer:	Kubota
	fuel:	diesel (electric dual power option)
	maximum output:	18.5kW/2200rpm
	starting method:	electric
	tank capacity:	74 litres
Electric motor	power:	75kW
	voltage:	400v AC 50/60hz
Standard equipment	computer controlled moment limiter (safe load indicator), radio remote control, overwinding alarm, computer controlled intelligent voice warning system, multi-function operation by radio remote control, intelligent throttle activation, automatic hook stow, overload warning alarms, overload warning lamps, 800kg capacity hydraulic fly jib	
Optional equipment	2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, radio remote control with feedback display, data logging, forward facing camera, variable footprint option, working area limitation	

# MINI SPIDER CRANE

## MAIN BOOM RATED LOADS WITH OUTRIGGERS SET TO MAX, OUTRIGGER POSITIONS & DIMENSIONS



### FIRST STAGE EXTENDED 4.8m BOOM LENGTH

Working radius	m	up to 2.7	3.0	3.5	4.0	4.3	
Outrigger	Max-extended	kg	6000	6000	5450	4850	3950
	Mid-extended	kg	6000	6000	5450	4850	3950
	Min-extended	kg	6000	6000	5450	4550	3750

### SECOND STAGE EXTENDED 4.8 - 7.7m BOOM LENGTH

Working radius	m	up to 2.0	3.0	3.5	4.0	5.0	6.0	7.0	7.2	
Outrigger	Max-extended	kg	6000	6000	5350	4750	3750	2950	2250	2000
	Mid-extended	kg	6000	6000	5350	4750	3750	2450	1700	1550
	Min-extended	kg	6000	6000	5350	4650	2550	1650	1150	1050

### THIRD STAGE EXTENDED 7.7 - 10.6m BOOM LENGTH

Working radius	m	up to 2.7	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.1	
Outrigger	Max-extended	kg	4550	4550	3650	2950	2400	1800	1350	950	950
	Mid-extended	kg	4550	4550	3650	2550	1750	1300	950	700	700
	Min-extended	kg	4550	4550	2650	1700	1200	850	650	450	400

### FOURTH STAGE EXTENDED 10.6 - 13.5m BOOM LENGTH

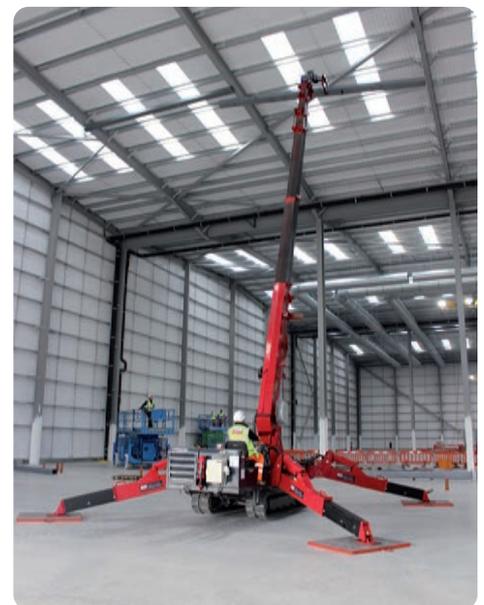
Working radius	m	up to 5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	12.9	
Outrigger	Max-extended	kg	2950	2550	2150	1850	1500	1200	950	800	450
	Mid-extended	kg	2950	2550	1850	1400	1100	850	650	550	400
	Min-extended	kg	2750	1850	1300	1000	750	550	430	330	240

### FIFTH STAGE EXTENDED 13.5 - 16.3m BOOM LENGTH

Working radius	m	up to 6.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	15.8
Outrigger	Max-extended	kg	2350	1700	1400	1200	1000	850	700	600	400
	Mid-extended	kg	2350	1500	1150	950	750	600	500	400	250
	Min-extended	kg	1950	1050	800	650	500	400	300	230	170

### SIXTH STAGE EXTENDED 16.3 - 19.2m BOOM LENGTH

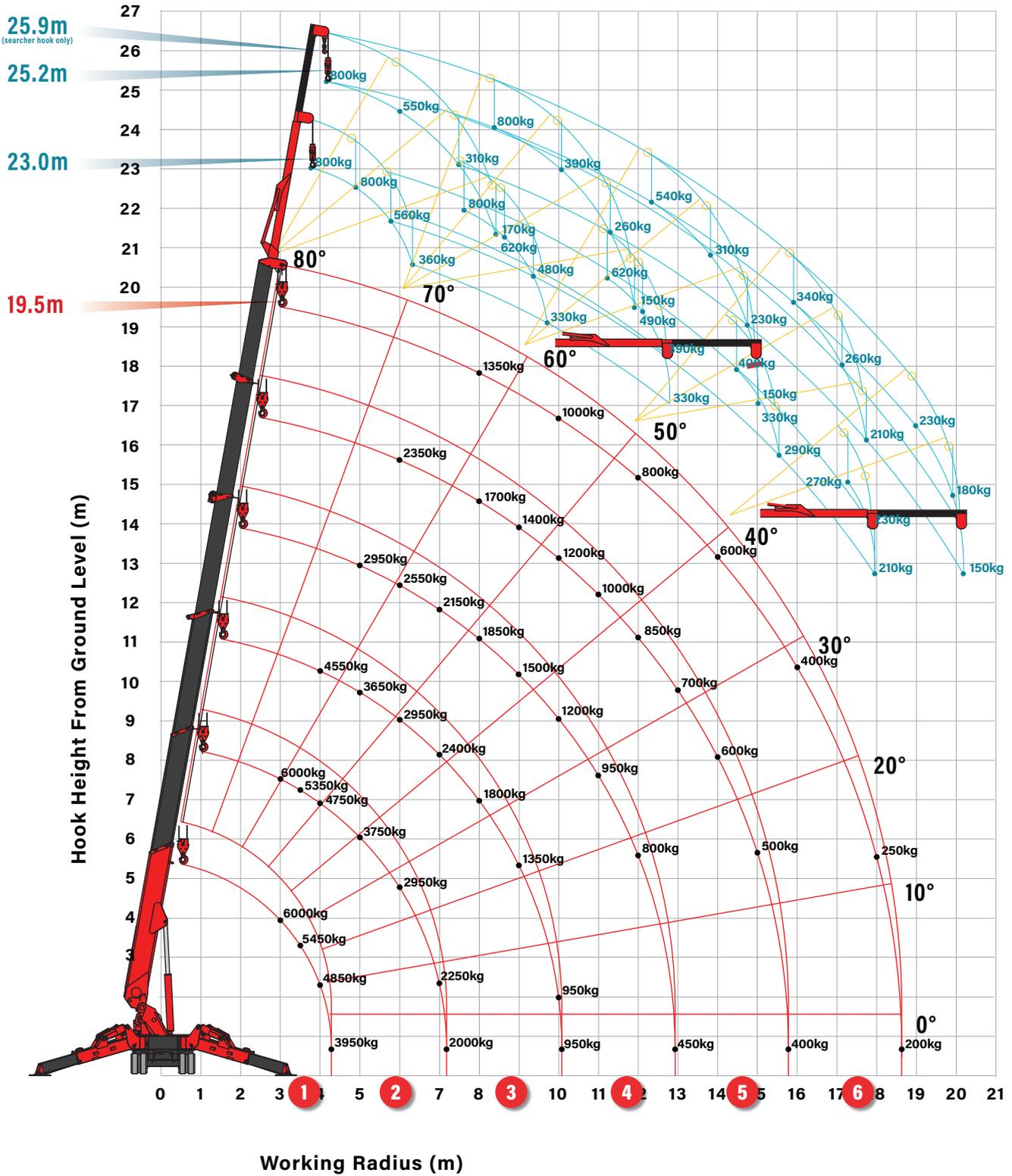
Working radius	m	up to 8.0	10.0	12.0	14.0	16.0	18.0	18.6	
Outrigger	Max-extended	kg	1350	1000	800	600	400	250	200
	Mid-extended	kg	1350	1000	650	450	300	200	150
	Min-extended	kg	1100	700	450	280	170	90	60



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(6.0t x 3.0m)

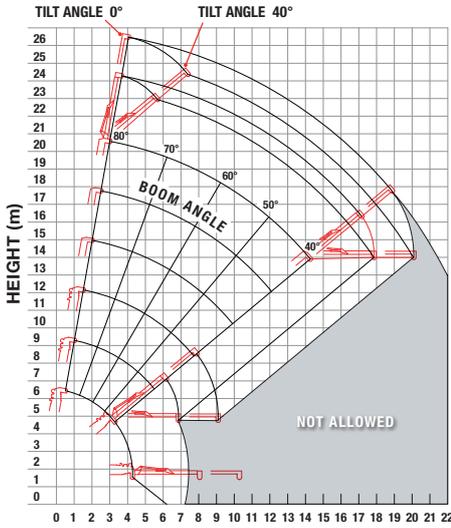
URW-706-2 WORKING RANGE - OUTRIGGERS SET TO MAX



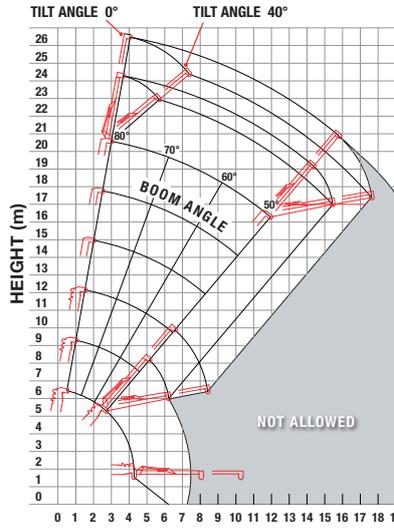
# MINI SPIDER CRANE

## URW-706-2 HYDRAULIC FLY JIB WORKING RANGE

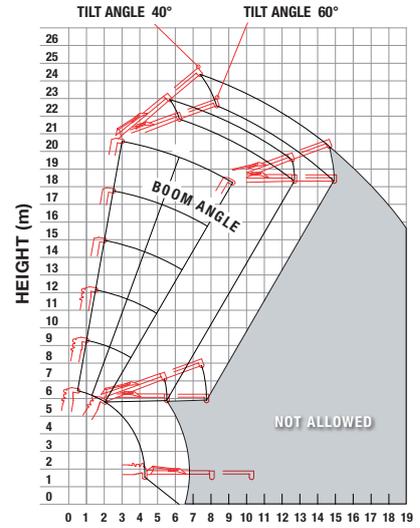
Note: The below figures are based on a no-load condition and do not include the deflection of the boom.



**WORKING RADIUS (m) Tilt Angles 0° - 40°**  
Outriggers extended to maximum and halfway



**WORKING RADIUS (m) Tilt Angles 0° - 40°**  
Outriggers extended to minimum



**WORKING RADIUS (m) Tilt Angles 40° - 60°**  
Outriggers extended to maximum halfway and minimum

### FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO MAXIMUM

BOOM ANGLE	FLY JIB 1 (3.77m) - TILT ANGLES				FLY JIB 1 & 2 (6.0m) - TILT ANGLES			
	0°	20°	40°	60°	0°	20°	40°	60°
80°	800	800	560	360	800	550	310	170
70°	800	620	480	330	800	390	260	150
60°	620	490	390	330	540	310	230	150
50°	400	330	290		340	260	210	
40°	270	230	210		230	180	150	
30°	NOT ALLOWED				NOT ALLOWED			

### FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO HALFWAY

BOOM ANGLE	FLY JIB 1 (3.77m) - TILT ANGLES				FLY JIB 1 & 2 (6.0m) - TILT ANGLES			
	0°	20°	40°	60°	0°	20°	40°	60°
80°	800	800	560	360	800	550	310	170
70°	800	620	480	330	800	390	260	150
60°	620	490	390	330	540	310	230	150
50°	350	310	290		300	260	210	
40°	180	170	160		160	130	120	
30°	NOT ALLOWED				NOT ALLOWED			

### FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO MINIMUM

BOOM ANGLE	FLY JIB 1 (3.77m) - TILT ANGLES				FLY JIB 1 & 2 (6.0m) - TILT ANGLES			
	0°	20°	40°	60°	0°	20°	40°	60°
80°	800	800	560	360	800	550	310	170
70°	800	620	480	330	800	390	260	150
60°	470	410	390	330	430	310	230	150
50°	200	190	180		180	160	150	
40°	NOT ALLOWED				NOT ALLOWED			
30°	NOT ALLOWED				NOT ALLOWED			

### SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO MAXIMUM

	BOOM ANGLE	JIB 1 (3.77m) - TILT ANGLES				JIB 1 & 2 (6.0m) - TILT ANGLES			
		0°	20°	40°	60°	0°	20°	40°	60°
UNDER 13M WORKING RADIUS	80°	800	800	620	410	800	600	370	220
	70°	800	750	550	390	800	450	320	200
	60°	580	580	500	390	500	370	290	200
	50°	580	550	480	390	450	320	270	200
	40°	530	500	480	390	370	290	270	200
	30°	520	500	480	390	320	270	270	200
	20°	500	480	480	390	290	270	270	200
	10°	480	480	480	390	270	270	270	200
	0°	480	480	430	390	270	270	270	200
	OVER 14M WORKING RADIUS	14m	380	380	380	380			
15m		340	330	330	270	270	270	200	
16m		300	290	240	240	270	270	270	200
17m		220	220	210	210	270	270	270	200
18m		190	190	190	140	250	240	200	190
19m		170	170	130	120	180	180	170	130
20m		110	110	110	110	160	160	150	110
21m		NOT ALLOWED				140	140	100	
22m		NOT ALLOWED				NOT ALLOWED			
22.3		NOT ALLOWED				NOT ALLOWED			

### SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO HALFWAY

	BOOM ANGLE	JIB 1 (3.77m) - TILT ANGLES				JIB 1 & 2 (6.0m) - TILT ANGLES			
		0°	20°	40°	60°	0°	20°	40°	60°
UNDER 13M WORKING RADIUS	80°	800	800	620	410	800	600	370	220
	70°	800	750	550	390	800	450	320	200
	60°	580	580	500	390	500	370	290	200
	50°	420	460	470	400	370	320	270	200
	40°	370	420	430	400	370	290	270	200
	30°	360	370	370	370	320	270	270	200
	20°	360	370	320	320	290	270	270	200
	10°	350	350	320	280	270	270	270	200
	0°	340	340	270	270	270	270	270	200
	OVER 14M WORKING RADIUS	14m	240	240	230	230			
15m		210	200	200	150	270	270	210	200
16m		180	180	130	120	240	190	180	130
17m		110	110	110	100	170	160	160	110
18m		NOT ALLOWED				140	140	100	
19m		NOT ALLOWED				NOT ALLOWED			
20m		NOT ALLOWED				NOT ALLOWED			
21m		NOT ALLOWED				NOT ALLOWED			
22m		NOT ALLOWED				NOT ALLOWED			
22.3		NOT ALLOWED				NOT ALLOWED			

### SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO MINIMUM

	BOOM ANGLE	JIB 1 (3.77m) - TILT ANGLES				JIB 1 & 2 (6.0m) - TILT ANGLES			
		0°	20°	40°	60°	0°	20°	40°	60°
UNDER 13M WORKING RADIUS	80°	800	800	620	410	800	600	370	220
	70°	800	750	550	390	800	450	320	200
	60°	470	430	400	390	410	350	290	200
	50°	260	310	310	320	240	280	270	200
	40°	220	270	280	280	240	250	260	200
	30°	210	220	220	220	190	240	250	200
	20°	210	220	170	170	190	210	210	150
	10°	200	200	170	140	180	180	180	120
	0°	190	190	130	120	170	170	160	100
	OVER 14M WORKING RADIUS	14m	110	110	100				
15m		NOT ALLOWED				150	140		
16m		NOT ALLOWED				120			
17m		NOT ALLOWED				NOT ALLOWED			
18m		NOT ALLOWED				NOT ALLOWED			
19m		NOT ALLOWED				NOT ALLOWED			
20m		NOT ALLOWED				NOT ALLOWED			
21m		NOT ALLOWED				NOT ALLOWED			
22m		NOT ALLOWED				NOT ALLOWED			
22.3		NOT ALLOWED				NOT ALLOWED			