

6.0t UNIC **URW-706** CRANE





MINICRANESNZ

022 315 6074

MINI & SPIDER CRANES
FOR HIRE

LOAD CHART

FIRST STAGE EXTENDED

		m	4.8M BOOM LENGTH				
Working radius		m	up to 2.7	3.0	3.5	4.0	4.3
Outrigger	Max-extended	kg	6,000	6,000	5,450	4,850	3,950
	Mid-extended	kg	6,000	6,000	5,450	4,850	3,950
	Min-extended	kg	6,000	6,000	3,450	4,550	3,750

SECOND STAGE EXTENDED

		m	4.8M – 7.7M BOOM LENGTH						
Working radius		m	up to 2.0	3.0	3.5	4.0	5.0	6.0	7.0
Outrigger	Max-extended	kg	6,000	6,000	5,350	4,750	3,750	2,950	2,250
	Max-extended	kg	6,000	6,000	5,350	4,750	3,750	2,450	1,700
	Min-extended	kg	6,000	6,000	5,350	4,650	2,550	1,650	1,150

THIRD STAGE EXTENDED

		m	7.7M – 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
Outrigger	Max-extended	kg	4,550	4,550	3,650	2,950	2,400	1,800	1,350	950
	Max-extended	kg	4,550	4,550	3,650	2,550	1,750	1,300	950	700
	Min-extended	kg	4,550	4,550	2,650	1,700	1,200	850	650	450

FOURTH STAGE EXTENDED

		m	10.6M - 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
Outrigger	Max-extended	kg	2,950	2,550	2,150	1,850	1,500	1,200	950	800
	Max-extended	kg	2,950	2,550	1,850	1,400	1,100	850	650	550
	Min-extended	kg	2,750	1,850	1,300	1,000	750	550	430	330

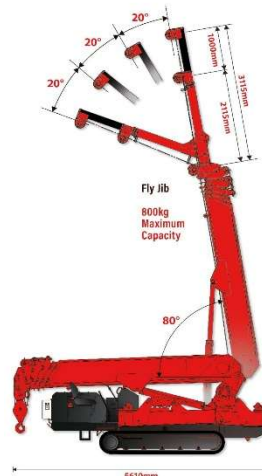
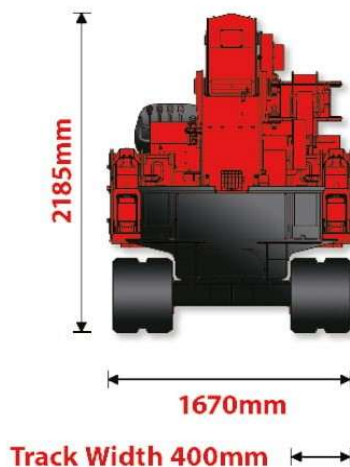
FIFTH STAGE EXTENDED

		m	13.5M – 16.3M BOOM LENGTH								
Working radius		m	up to 5.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
Outrigger	Max-extended	kg	2,350	1,700	1,400	1,200	1,000	850	700	600	500
	Max-extended	kg	2,350	1,500	1,150	950	750	600	500	400	300
	Min-extended	kg	1,950	1,050	800	650	500	400	300	230	170

SIXTH STAGE EXTENDED

		m	16.3M - 19.2M BOOM LENGTH				
Working radius		m	up to 8.0	10.0	12.0	14.0	16.0
Outrigger	Max-extended	kg	1,350	1,000	800	600	400
	Max-extended	kg	1,350	1,000	650	450	300
	Min-extended	kg	1,100	700	450	280	170

DIMENSIONS



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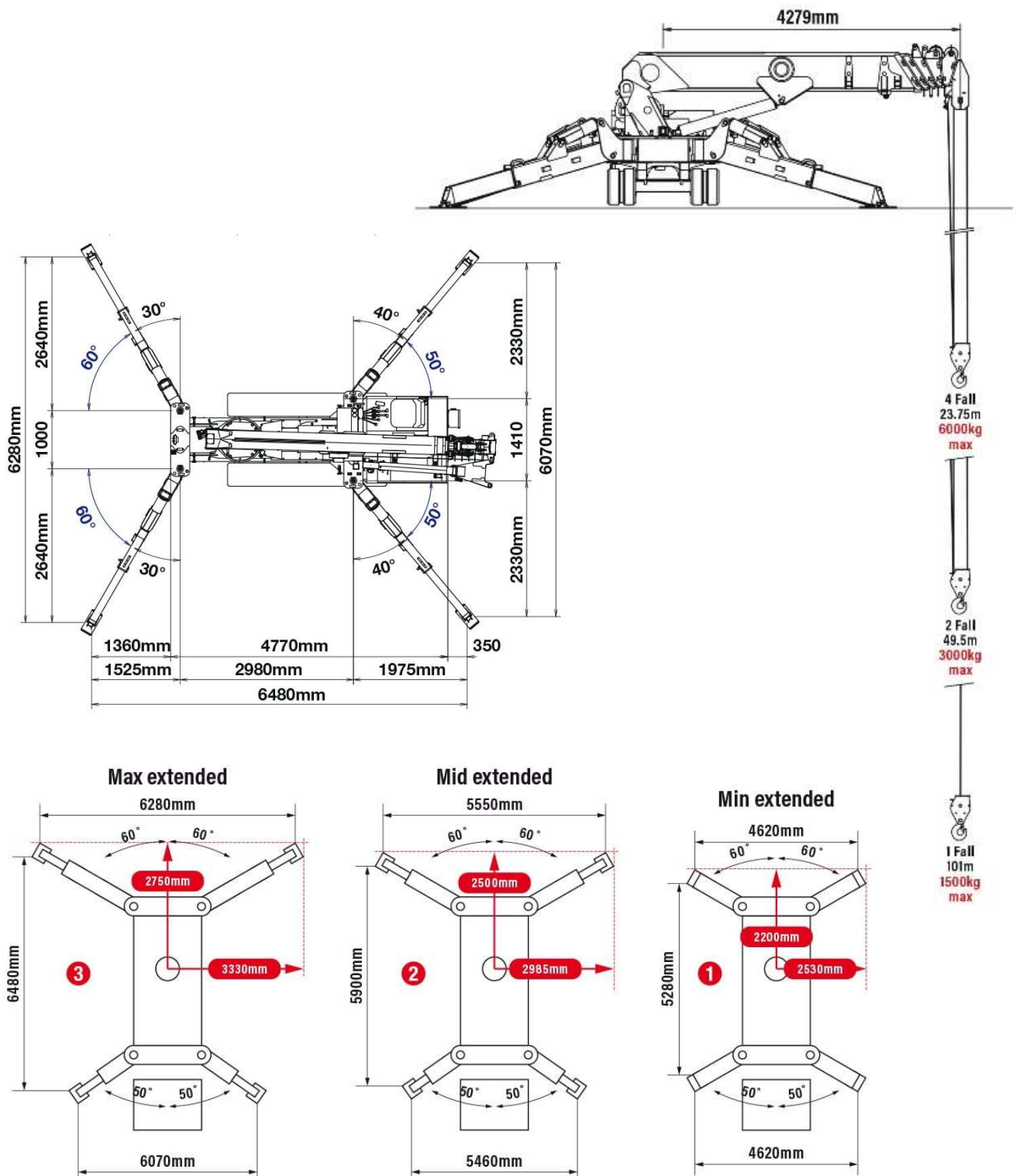


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RATED LOADS & OUTRIGGER POSITIONS



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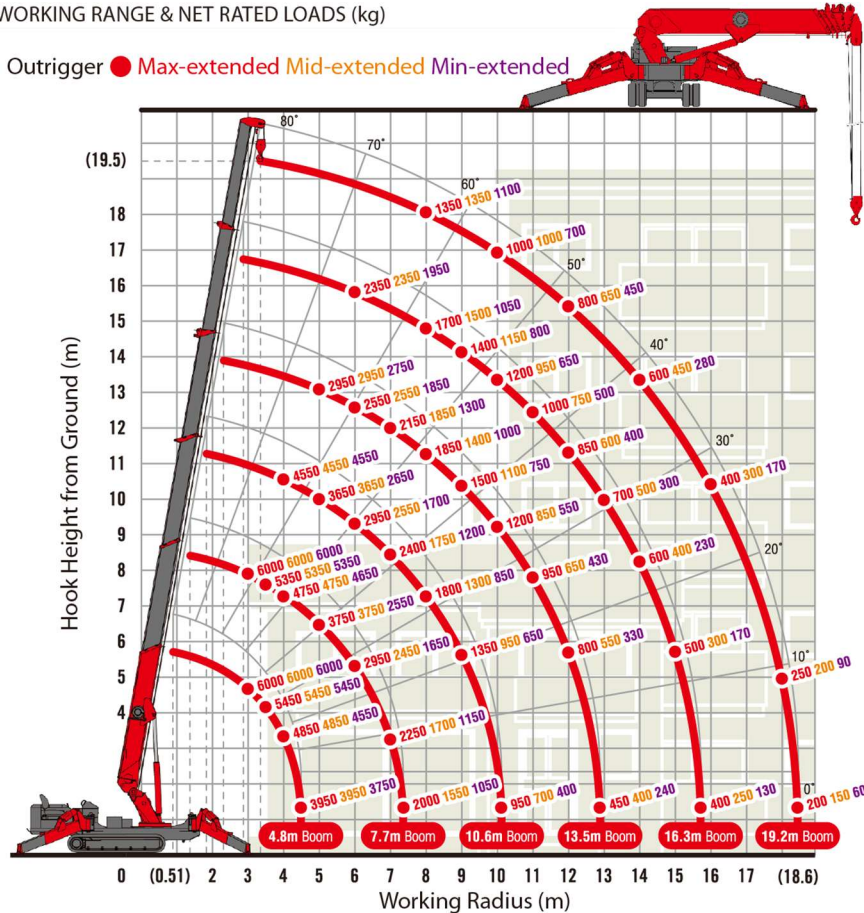
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WORKING RANGE

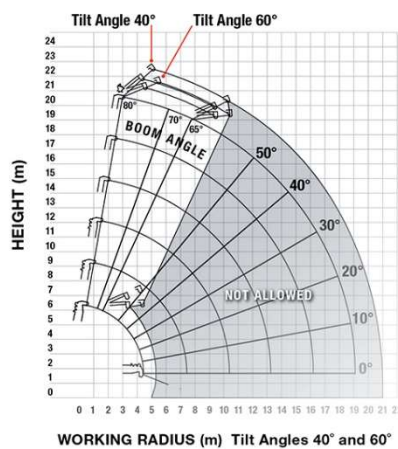
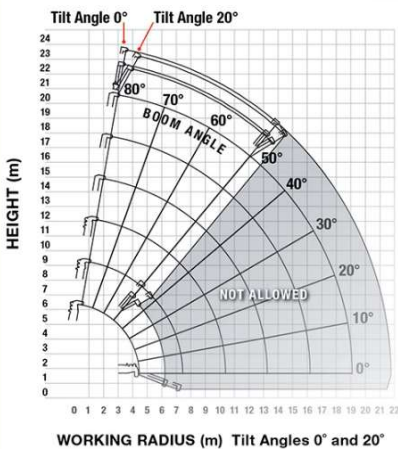
WORKING RANGE & NET RATED LOADS (kg)

Outrigger ● Max-extended Mid-extended Min-extended



SEARCHER HOOK - RADIUS RATED

RADIUS RATED	SEARCHER HOOK NET RATED LOADS (kg)		
			
WORKING RADIUS (m)	OUTRIGGERS MAX-EXTENDED	OUTRIGGERS MID-EXTENDED	OUTRIGGERS MIN-EXTENDED
7.0	800	800	800
8.0	800	800	610
9.0	800	700	420
10.0	800	550	250
10.5	800	490	200
11.0	650	430	160
11.5	550	370	120
12.0	470	310	100
13.0	330	230	NOT ALLOWED
14.0	260	150	
15.0	210	100	
	Lifting capacity	800kg	
	Length	2.21m	



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

Fly Jib - Angle Rated (maximum outriggers only)

ANGLE RATED	NET RATED LOADS (kg) AT EXTENSION JIB ANGLE			
				
BOOM ANGLE	0°	20°	40°	60°
80°	800	800	600	600
75°	800	800	600	600
70°	700	700	500	500
65°	600	600	400	400
60°	500	500	NOT ALLOWED	
55°	400	400		
50°	300	300		

Lifting capacity		800kg
Jib length	retracted:	2.11m
	extended:	3.11m
Weight		205kg
Tilt angles		0°, 20°, 40°, 60°



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SPECIFICATIONS

Crane capacity	capacity:	6.0t x 3.0m
Max working radius	max:	18.6m
Max lifting height	approx:	19.5m (22.7m with second stage manual fly jib)
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:	8,080kg + 230kg manual fly jib
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: telescoping speed: boom type:	4.80 - 19.20m 14.4m/52 seconds 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: travel speed: gradeability: track ground length: track ground pressure: track width:	hydrostatic 2-speed, stepless forward and reverse 0 - 2.9km/h ± 20° (vertical) 20° (traverse) 2240mm 43.6kPa (0.44kg/cm²) 400mm
Engine	manufacturer: fuel: maximum output: starting method: tank capacity:	Mitsubishi diesel (electric dual power option) 23.5kW (32.0PS) / 2500min rpm electric 74 litres
Electric motor	power: voltage:	7.5kW 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, working area limitation, 4 fall/2fall/single fall, dual diesel electric, 800kg manual searcher/fly jib	