Mini Spider Cranes

277

- Total width 1.3m
- Max working radius 14.45m
- Diesel engine and optional mains electric
- Zero length increase with electric option
- Operator control of outrigger extension
- Intelligent voice warning system
- Radio remote control as standard
- Working area limitation
- Slew limitation (optional)
- Intelligent throttle activation for economy and ecology

Safe load indicator

Optional fly jib & searcher hook

Lifting capacity	700kg (max)
Length	2017mm
Weight	50kg
Tilt angles	0°, 20°, 40°, 60°

URW-376 [2.9t x 2.5m]

The URW-376 UNIC mini crane features a six-section hydraulic boom to allow a maximum working radius of 14.45m.

This mid-capacity spider crane can be controlled either from the onboard operators seat or from a distance using a radio remote control, or optional radio remote control with digital feedback.

Reference Code

MCU376

Remotes

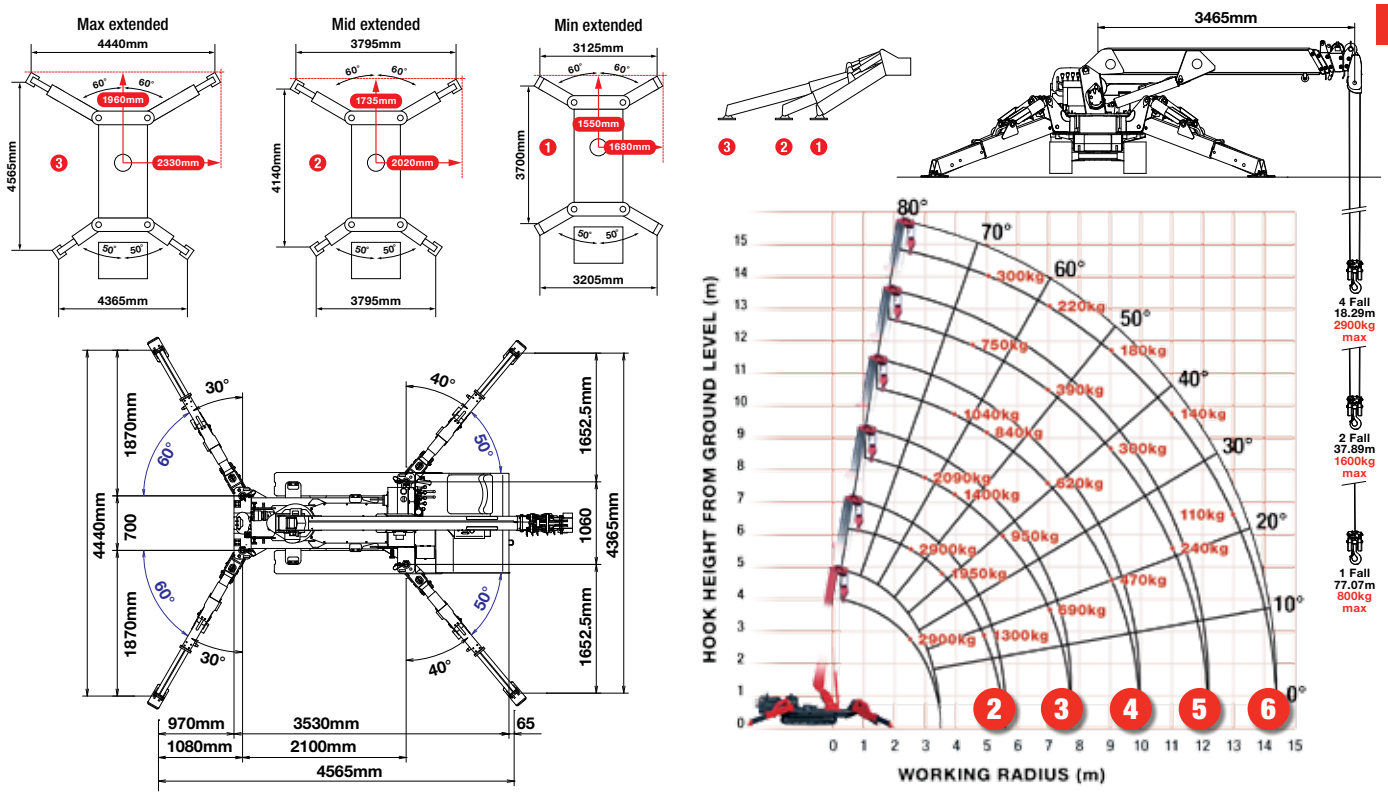
Standard radio remote control

Optional radio remote control with digital feedback

Crane Specifications

Crane capacity	capacity:	2.9t x 2.5m
Max working radius	max:	14.45m
Max lifting height	approx:	14.9m (16.63m with fly jib, 17.33m with searcher hook)
Rope length	max:	18.29m (4 fall), 37.89m (2 fall), 77.07m (1 fall)
Dimensions	folded:	4340mm (l) x 1300mm (w) x 1800mm (h)
Weight	unladen:	3850kg (4000kg with electric option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	17m/min (with 4 layers and 4 falls)
Telescopic system	boom length: telescoping speed: boom type:	3.63 - 14.61m 10.98m/23 seconds 6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80˚/10 seconds
Slewing angle/speed	approx:	360˚ (continuous) 2.5 rpm
Traction system	drive: travel speed: gradeability: track ground length: track ground pressure: track width:	hydrostatic 2-speed, stepless forward and reverse 0-3km/h ±(23)˚ 1750mm 36kPa (0.37kg/cm²) 300mm
Engine	manufacturer: fuel: maximum output: starting method: tank capacity:	Mitsubishi / Yanmar diesel (electric dual power option) 18kW (24.5PS) / 2100min rpm electric 40 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	
Optional equipment	1 fall hook block, 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, 500kg capacity small searcher hook, 700kg maximum capacity searcher hook, 700kg maximum capacity fly jib with single part line, radio remote control with feedback display, data logging	

Rated Loads & Outrigger Positions



SECOND STAGE EXTENDED 3.63 - 5.85 BOOM LENGTH

Working radius		m	up to 2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.69
Outrigger	Max-extended	kg	2,900	2,900	2,350	1,950	1,670	1,450	1,300	1,070
	Mid-extended	kg	2,900	2,900	2,320	1,920	1,570	1,250	990	770
	Min-extended	kg	2,900	2,900	2,170	1,500	1,120	900	720	470

THIRD STAGE EXTENDED 5.85 - 8.04M BOOM LENGTH

Working radius		m	up to 2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.88
Outrigger	Max-extended	kg	2,240	2,090	1,650	1,400	1,220	1,070	950	840	690	590
	Mid-extended	kg	2,240	2,060	1,650	1,390	1,170	1,000	820	640	450	370
	Min-extended	kg	2,240	2,060	1,570	1,220	1,020	830	650	510	300	190

FOURTH STAGE EXTENDED 8.04 - 10.23M BOOM LENGTH

Working radius		m	up to 4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.07
Outrigger	Max-extended	kg	1,040	930	840	730	620	520	470	380
	Mid-extended	kg	1,030	920	830	670	500	380	280	200
	Min-extended	kg	1,030	820	640	470	310	220	130	90

FIFTH STAGE EXTENDED 10.23 - 12.42M BOOM LENGTH

Working radius		m	up to 4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.26
Outrigger	Max-extended	kg	750	620	480	390	340	300	270	240	230
	Mid-extended	kg	750	620	470	390	320	270	220	170	130
	Min-extended	kg	750	620	400	250	180	130	90	60	10

SIXTH STAGE EXTENDED 12.42 - 14.61M BOOM LENGTH

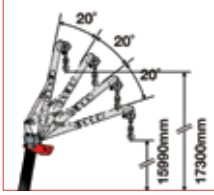
Working radius		m	up to 4.9	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.45
Outrigger	Max-extended	kg	300	270	250	220	200	180	160	140	130	110	100
	Mid-extended	kg	300	270	250	220	200	180	160	120	90	60	40
	Min-extended	kg	300	270	250	220	170	110	80	50	30	20	10

Searcher Hook Small - 500kg

Lifting capacity	500kg sections 1-5
	280kg section 6
Length	800mm
Weight	20kg
Tilt angles	0°, 20°, 40°, 60°

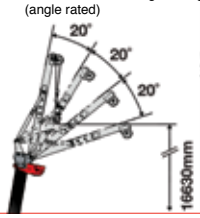
Searcher Hook

Maximum Load 150kg - 700kg (radius rated)



Fly Jib

Maximum Load 150kg - 700kg (angle rated)



Dimensions