



Technical Specification Sheet

URW-295 Mini Crane

[2.9t x 1.4m]

The URW-295 is the first mini crane available in Europe narrow enough to allow access through a standard doorframe, but with almost 3 tonnes of lifting power.

It also leads the way technically with an array of innovative safety features including a computer-controlled, intelligent voice warning system and the unique UNIC pressure compensation proportional valve, which allows multi-function radio remote control operation.

Technical Specifications

Crane capacity	capacity:	0.955t x 13.5m
Max working radius	max:	8.41m
Max lifting height	approx:	8.8m
Rope length	max:	14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall)
Dimensions	folded:	2690mm (2905mm diesel & electric dual) (l) x 600mm (w) x 1375mm (h)
Weight	unladen:	1850kg (1950kg with electric option, 1920kg with diesel option, 2090kg with diesel and electric dual option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	10m/min (with 4 layers and 4 falls)
Telescopic system	boom length:	2.53 - 8.65m
	telescoping speed:	6.12m/20 seconds
	boom type:	5 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 78° /11 seconds
Slewing angle/speed	approx:	360° (continuous) 1.5min rpm
Traction system	drive:	hydrostatic, stepless forward and reverse
	travel speed:	0 - 2.3km/h
	gradability:	20°
	track ground length:	1050mm
	track ground pressure:	48kPa (0.49kg/cm ²)
	track width:	180mm
Engine	manufacturer:	Mitsubishi (Kubota diesel)
	fuel:	petrol (LPG dual option, electric dual and diesel options)
	maximum output:	9.6kW (13PS) / 2000min ⁻¹ (rpm)
	starting method:	electric and recoil start as standard
	tank capacity:	6 litres
Electric motor	power:	3.7kW
	voltage:	400v AC 50/60Hz
Standard equipment	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 device, overload warning lamps, turn-over protection system	
Optional equipment	1 fall hook block, 2 fall hook block, LPG dual power, mains electric dual power (400v), diesel engine, low marking tracks, searcher hook	

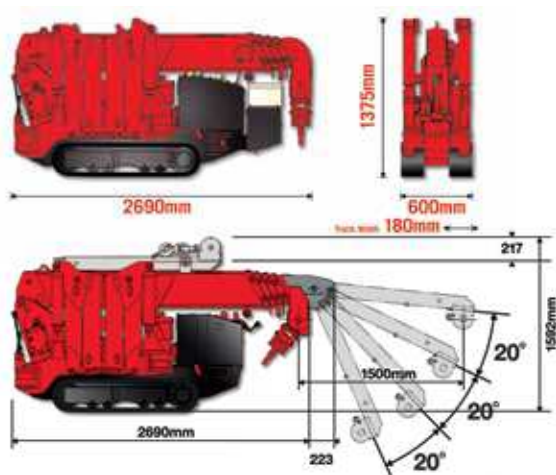
Searcher Hook Small - 300kg

Stowed position

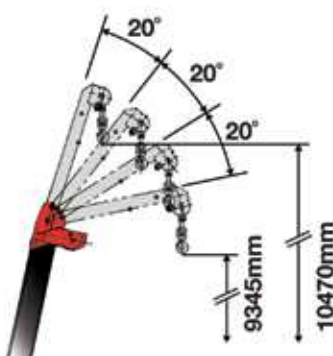
In operation

Lifting capacity	300kg
Length	500mm
Weight	15kg
Tilt angles	0°, 20°, 40°, 60°

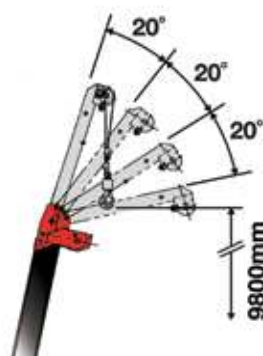
Dimensions



Searcher Hook 1500mm - 700kg



Fly Jib 700kg

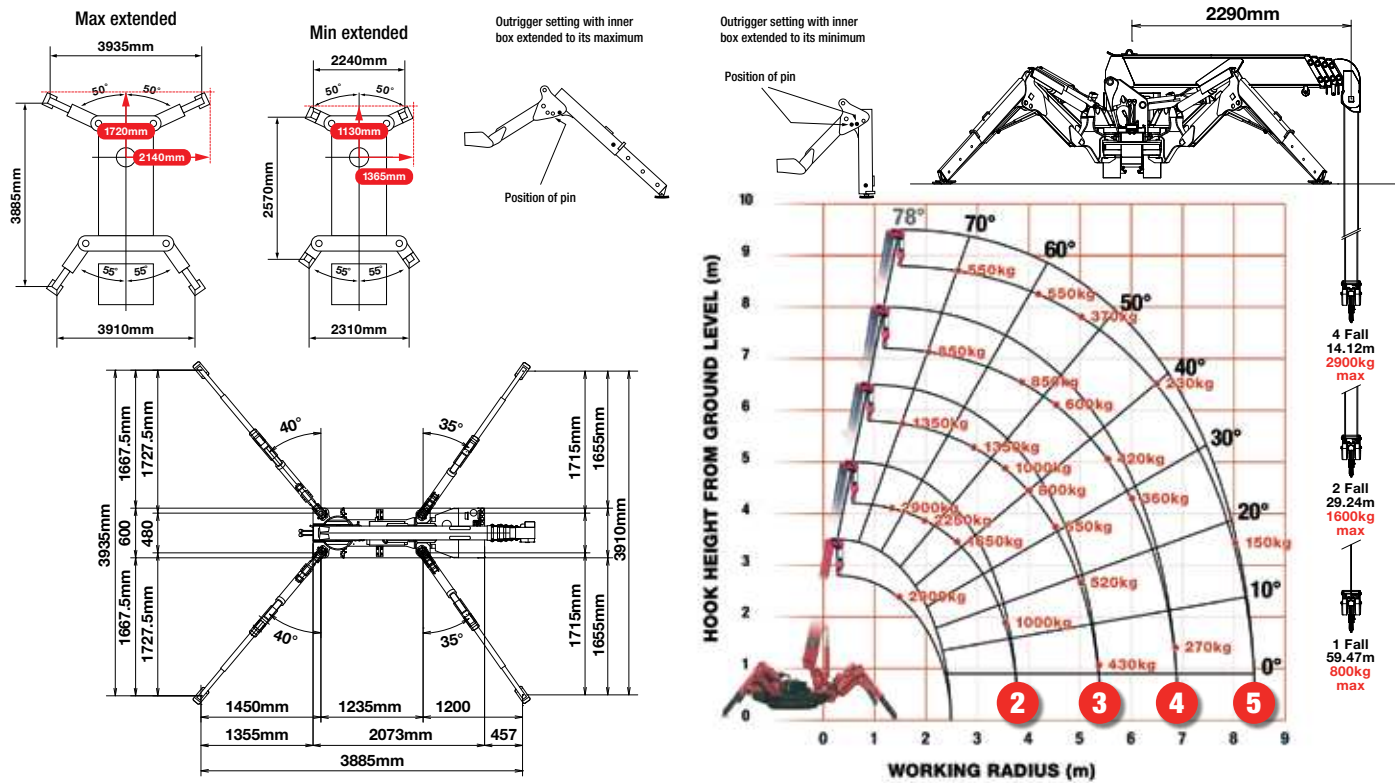


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Rated Loads & Outrigger Positions



SECOND STAGE EXTENDED 2.53 - 4.075M BOOM LENGTH

Working radius	m	up to 1.0	1.4	1.5	1.8	2.0	2.5	3.0	3.5	3.835
Outrigger	kg	2,900	2,900	2,650	2,250	2,050	1,650	1,300	1,000	900
	kg	2,000	2,000	2,000	1,450	1,100	650	490	350	250

THIRD STAGE EXTENDED 4.075 - 5.61M BOOM LENGTH

Working radius	m	up to 2.2	2.5	2.9	3.0	3.5	4.0	4.5	5.0	5.37
Outrigger	kg	1,350	1,350	1,350	1,250	1,000	800	650	520	430
	kg	800	650	530	500	380	280	220	160	120

FOURTH STAGE EXTENDED 5.61 - 7.13M BOOM LENGTH

Working radius	m	up to 3.3	3.8	4.0	4.5	5.0	5.5	6.0	6.5	6.89
Outrigger	kg	850	850	750	600	500	420	360	320	270
	kg	420	340	300	250	190	140	100	80	60

FIFTH STAGE EXTENDED 7.13 - 8.65M BOOM LENGTH

Working radius	m	up to 3.8	4.1	4.5	5.0	5.5	6.0	6.5	7.0	8.0	8.41
Outrigger	kg	550	550	450	370	310	270	230	200	150	130
	kg	350	290	250	200	160	130	100	70	40	30