URW-7035
(0.98t x 6.44m)

- Total width 1.5m
- Max working radius 13.99m
- Petrol powered, optional LPG dual fuel
- Multi-position configurable outriggers
- Unique 3 section derricking boom
- Full colour high resolution SLI
- Intelligent voice warning system
- Radio remote control as standard
- Intelligent throttle activation for economy and ecology





The Cube Crane is the most advanced mini crane in the world to feature a three section derricking boom, enabling it to be set at an 85°, 90° and 95° angles, making it extremely versatile for some of the most restricted access and confined lifting projects.

The Cube Crane benefits from innovative, multi-position outrigger configurations, enabling this miniature crane to work and operate safely around obstacles on site. This compact crane features a safety load indicator system with an over winding alarm and intelligent voice warning system for optimum safety during lifting operations. The upgrade to the radio remote incorporating Bi-axis joysticks and feedback display providing the operator all information they require.

Featuring nearly a tonne of lifting capacity, this mini machine also benefits from a lifting height of 21.1 metres and a horizontal reach giving a maximum working radius of 13.99m. At just 1.5m wide, this compact crane can gain access through a standard industrial double doorway and can easily move around corners thanks to its ability to reposition the boom whilst travelling to its install location.

ADDITIONAL FEATURES

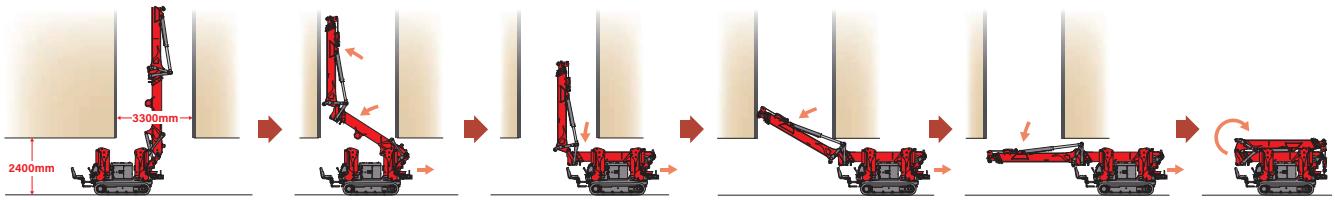


Radio remote control



High resolution colour SLI

UNIQUE WORKING FEATURE OF THE CUBE CRANE

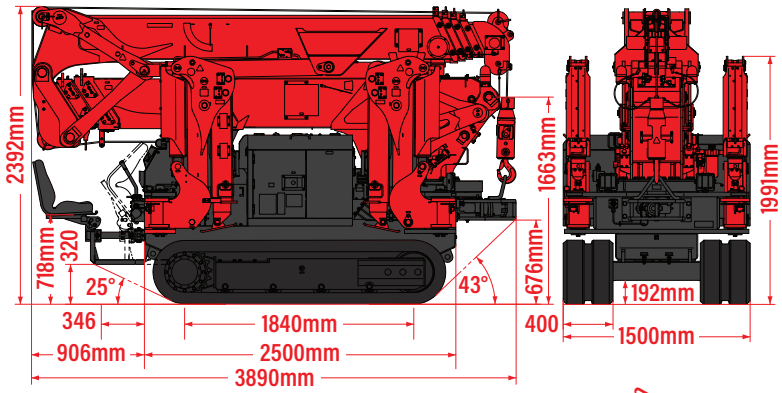


1. When working below the level of your lifting area the crane can be deployed and removed with ease.
2. Lower the derricking boom and the folding boom in stages enables it to be retracted through a hole in the floor.
3. Drive the crane away from the hole to allow clearance to lower the folding boom.
4. Continue this action until the boom is clear of the hole.
5. Once in open space the folding boom can be stored correctly.

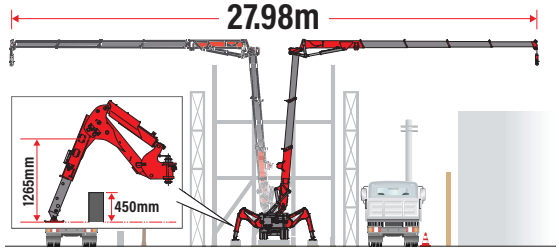
COMPACT CUBE CRANE

UNIC CRANES EUROPE

DIMENSIONS

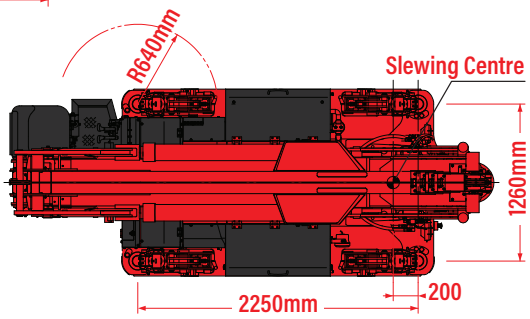


Maximum Working Reach





High resolution colour SLI





CRANE SPECIFICATIONS

Crane capacity	max:	0.98t x 6.44m
Max working radius	max:	13.99m
Max lifting height	approx:	21.17m
Rope length	rope:	8mm x 44m
Dimensions	folded:	3890mm (l) x 1500mm (w) x 2392mm (h)
Weight	unladen:	8650kg
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	38.4 (53.8)m/min at 4th layer
Telescopic system	boom length: telescoping speed: boom type:	3.66 - 12.42m 8.76m/23 seconds 5 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 95˚/15.0 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 - 2.5km/h ± 15˚ (vertical) 15° (traverse) 1840mm 56.6kPa(0.58kg/cm²) 400mm
Engine	manufacturer: fuel: maximum output: starting method: tank capacity:	Kubota diesel (electric dual power option) 18.5kW/2200rpm electric 65 litres
Electric motor	power: voltage:	7.5kW 400v AC 50/60hz
Standard equipment	computer controlled moment limiter (safe load indicator), radio remote control with feedback display, overwinding alarm, computer controlled intelligent voice warning system, multi-function operation by radio remote control, intelligent throttle activation, automatic hook stow, overload warning lamps, working area limitation, forward facing camera	
Optional equipment	mains electric dual power (400v), low marking tracks, LPG dual power	

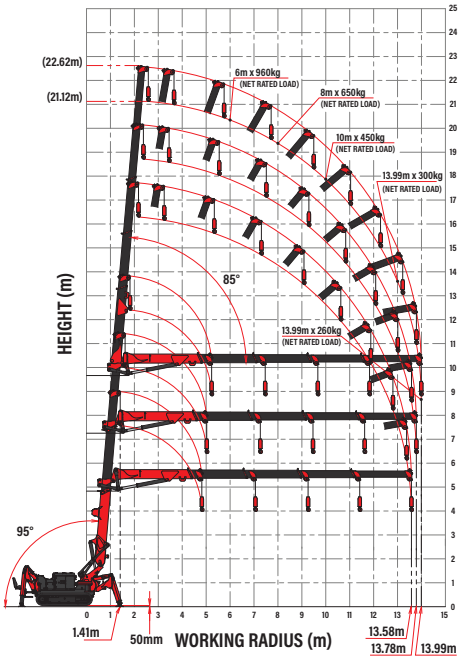




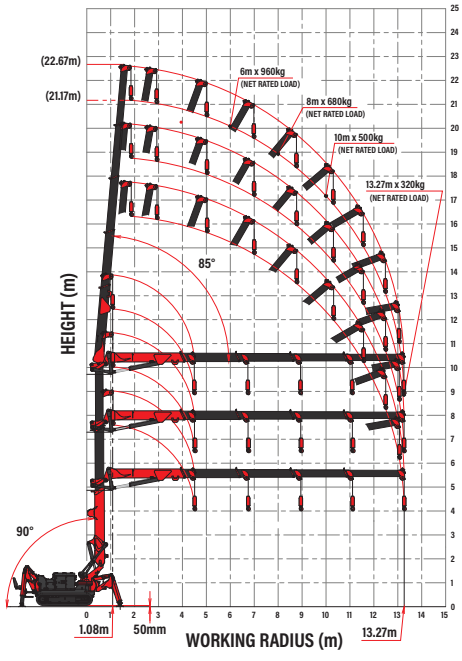
URW-7035
(0.98t x 6.44m)

URW-7035 WORKING RANGES

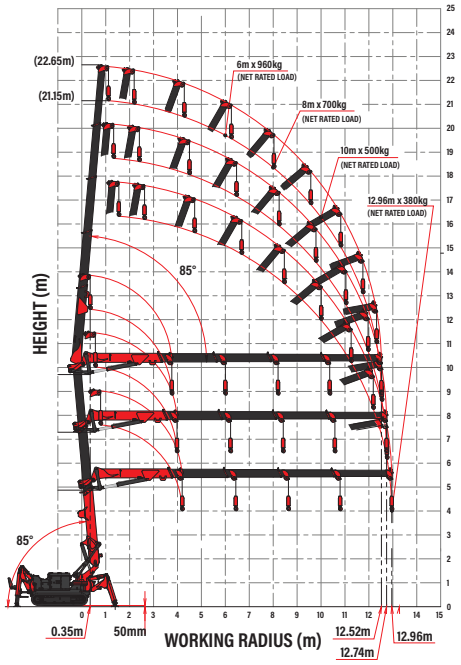
DERRICKING BOOM ANGLE 95°



DERRICKING BOOM ANGLE 90°

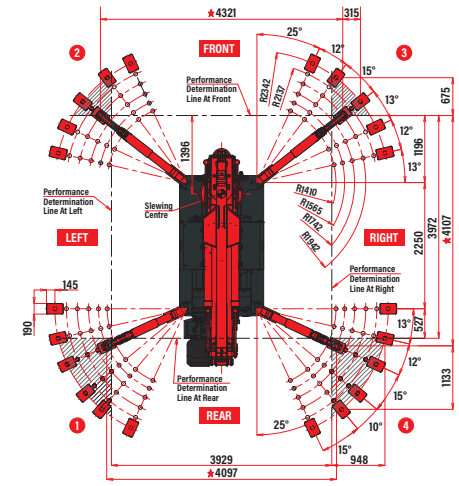


DERRICKING BOOM ANGLE 85°

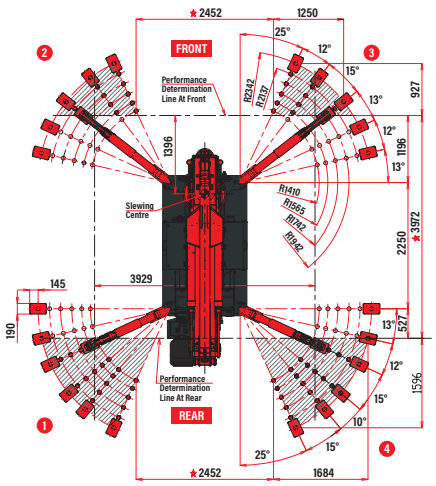


OUTRIGGER POSITIONS

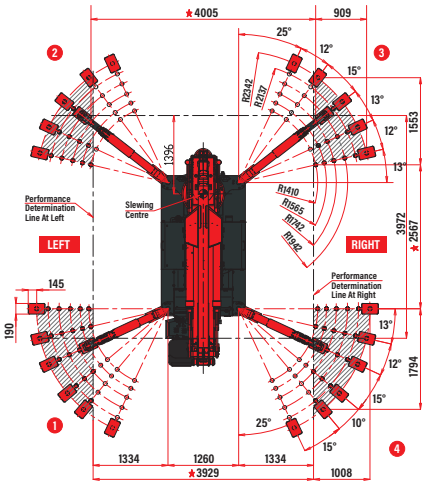
Maximum Performance At All Circumference



Maximum Performance At Front & Rear



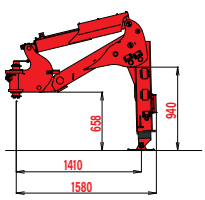
Maximum Performance At Right & Left Sides



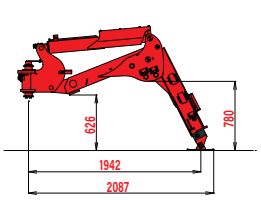
Note: Outriggers must be extended to shaded area to accomplish maximum performance. ★ is the minimum extension when the crane can be at maximum performance

Outrigger Dimensions - Inner Box 1

Outer Box Small Angle

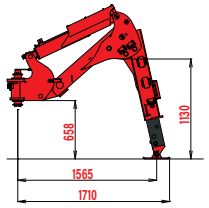


Outer Box Large Angle

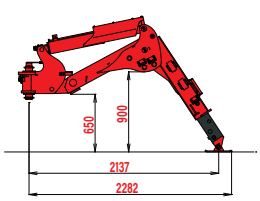


Outrigger Dimensions - Inner Box 2

Outer Box Small Angle

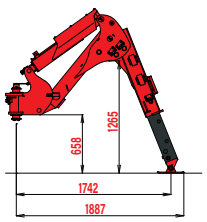


Outer Box Large Angle

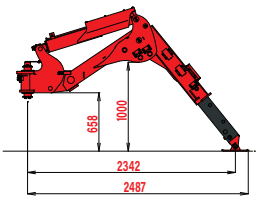


Outrigger Dimensions - Inner Box 3

Outer Box Small Angle



Outer Box Large Angle

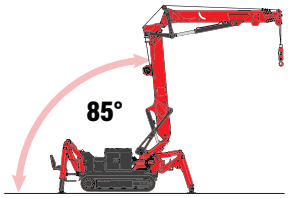


COMPACT CUBE CRANE

UNIC CRANES EUROPE

URW-7035 NET RATED LOADS

DERRICKING BOOM ANGLE 85°



Lifting Capacity
980kg x 6.44m

Maximum Working Radius
12.96m

Maximum Lifting Height
21.15m

1st, 1st + 2nd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	6.0	6.44
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	960
	Mid-extended	kg	960	960	960	960	960	960	730	670
	Min-extended	kg	960	960	960	780	650	550	400	380

1st, 2nd + 3rd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0	8.64
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	960	840	730	670
	Mid-extended	kg	960	960	960	960	960	960	830	730	590	470	430
	Min-extended	kg	960	960	960	780	650	550	470	400	320	260	230

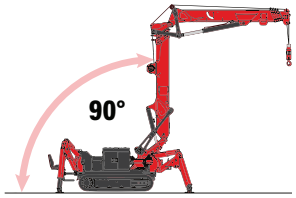
1st, 2nd, 3rd + 4th BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	10.80
Outrigger	Max-extended	kg	960	960	960	960	960	960	830	730	630	550	500
	Mid-extended	kg	960	960	960	960	960	730	590	470	400	350	310
	Min-extended	kg	960	960	780	650	550	400	320	260	210	180	160

1st, 2nd, 3rd, 4th + 5th BOOM SECTIONS EXTENDED

Working radius		m	up to 3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	12.96
Outrigger	Max-extended	kg	960	960	960	960	830	700	590	500	450	410	380
	Mid-extended	kg	960	960	960	730	590	470	400	340	300	260	230
	Min-extended	kg	960	730	550	400	320	260	210	180	150	130	110

DERRICKING BOOM ANGLE 90°



Lifting Capacity
980kg x 6.0m

Maximum Working Radius
13.27m

Maximum Lifting Height
21.17m

1st, 1st + 2nd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	6.0	6.75
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	800
	Mid-extended	kg	960	960	960	960	960	850	680	590
	Min-extended	kg	960	960	830	720	620	530	390	330

1st, 2nd + 3rd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0	8.95
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	960	790	680	580
	Mid-extended	kg	960	960	960	960	960	850	760	680	560	460	380
	Min-extended	kg	960	960	830	720	620	530	460	390	310	240	200

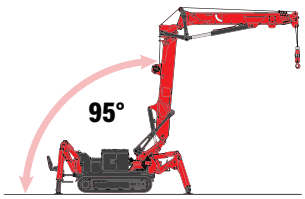
1st, 2nd, 3rd + 4th BOOM SECTIONS EXTENDED

Working radius		m	up to 3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.11
Outrigger	Max-extended	kg	960	960	960	960	960	960	790	680	580	500	420
	Mid-extended	kg	960	960	960	960	850	680	560	460	380	330	280
	Min-extended	kg	960	960	720	620	530	390	310	240	190	160	140

1st, 2nd, 3rd, 4th + 5th BOOM SECTIONS EXTENDED

Working radius		m	up to 3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.27
Outrigger	Max-extended	kg	960	960	960	960	790	680	580	500	420	370	320
	Mid-extended	kg	960	960	800	680	560	460	380	320	280	240	210
	Min-extended	kg	960	720	530	390	310	240	190	160	140	120	-

DERRICKING BOOM ANGLE 95°



Lifting Capacity
980kg x 6.0m

Maximum Working Radius
13.99m

Maximum Lifting Height
21.12m

1st, 1st + 2nd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.47
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	690
	Mid-extended	kg	960	960	960	960	960	820	630	450
	Min-extended	kg	960	960	780	630	530	450	330	220

1st, 2nd + 3rd BOOM SECTIONS EXTENDED

Working radius		m	up to 2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.67
Outrigger	Max-extended	kg	960	960	960	960	960	960	960	810	660	540	460
	Mid-extended	kg	960	960	960	960	960	820	630	510	400	330	290
	Min-extended	kg	960	960	780	630	530	450	330	240	180	140	120

1st, 2nd, 3rd + 4th BOOM SECTIONS EXTENDED

Working radius		m	up to 3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	11.83
Outrigger	Max-extended	kg	960	960	960	960	810	660	540	450	380	340
	Mid-extended	kg	960	960	780	630	510	400	330	270	240	220
	Min-extended	kg	960	630	450	330	240	180	140	110	-	

1st, 2nd, 3rd, 4th + 5th BOOM SECTIONS EXTENDED

Working radius		m	up to 3.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	13.99
Outrigger	Max-extended	kg	960	960	960	790	650	540	450	380	340	300	260
	Mid-extended	kg	960	780	630	510	400	330	270	240	210	190	170
	Min-extended	kg	960	450	330	240	180	140	110	-	-	-	-