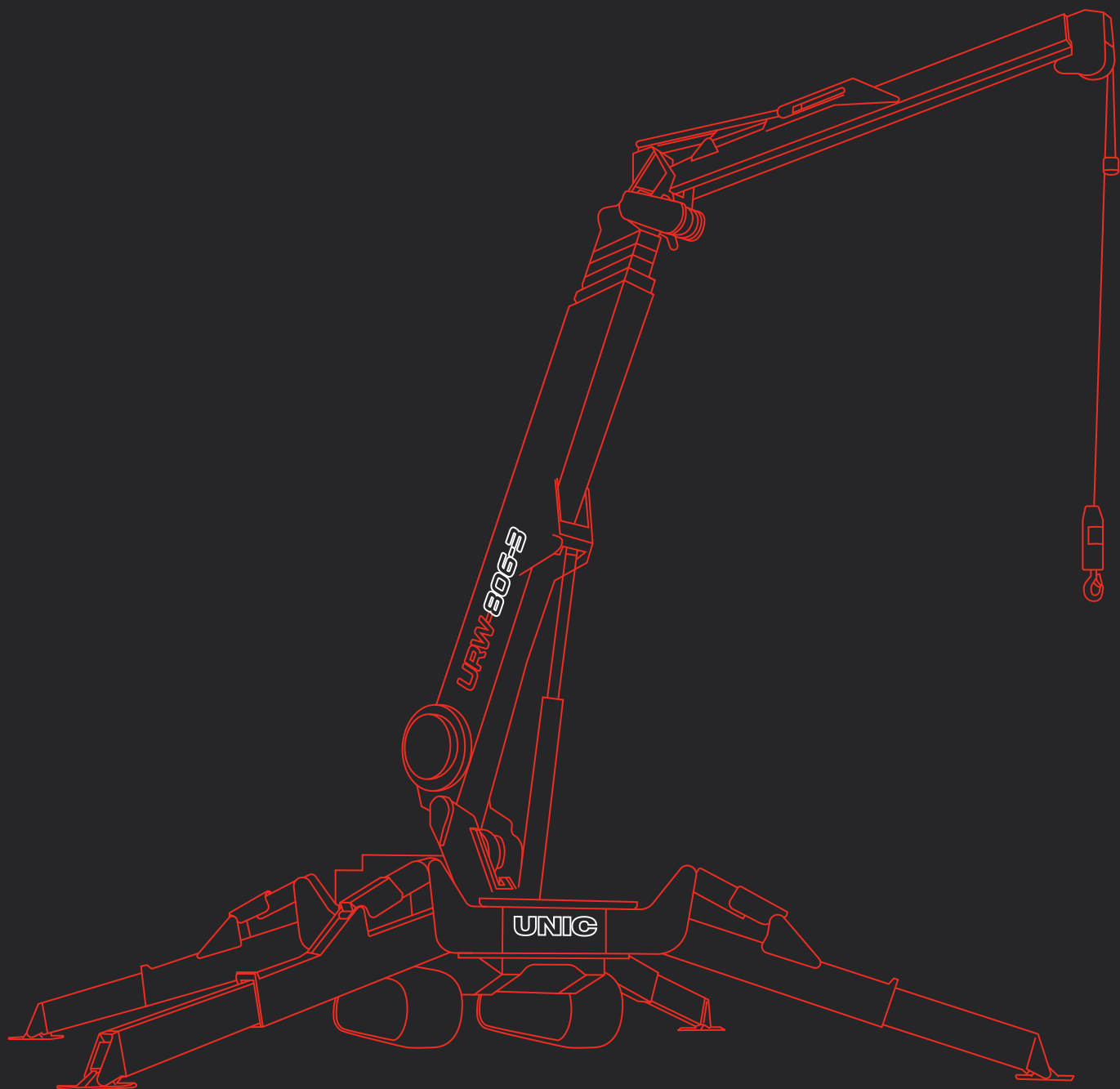


MINI SPIDER CRANES

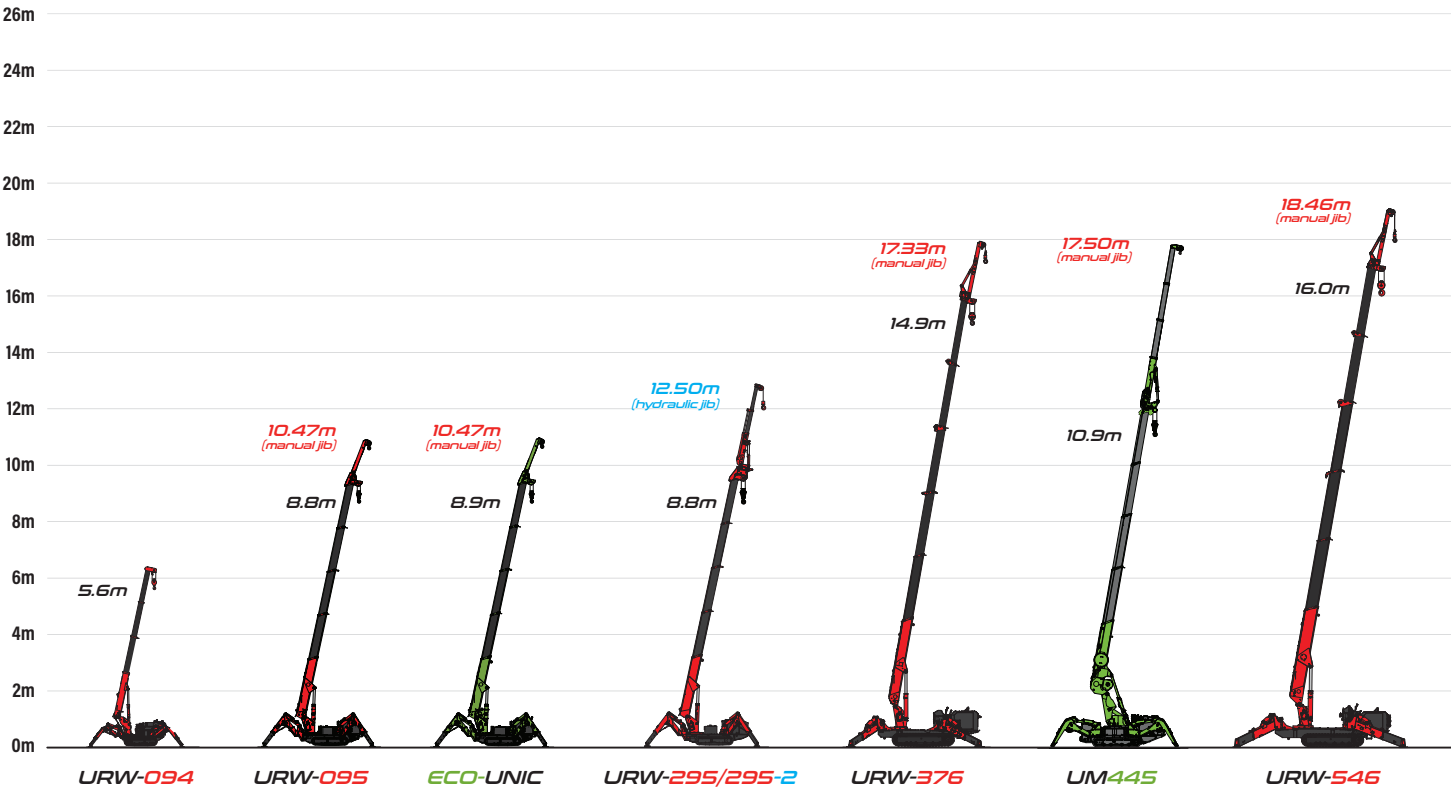


UNIC
CRANES EUROPE

*URW-094 URW-095 ECO-UNIC URW-295
URW-295-2 UM445 URW-376 URW-546 URW-546-2
URW-547 URW-806 URW-806-3 URW-1006⁺ URW-7035*

THE UNIC SPIDER CRANES RANGE

The combination of pioneering design, precision manufacturing and innovative technology gives these cranes incredible capacity and reach for their size. UNIC mini cranes have the flexibility and capability to assist in a huge variety of lifting situations where access is restricted or working area is confined. **From internal lifting through to glass installation there is sure to be a UNIC model suitable for the challenge!**



URW-094



Crane capacity	0.995t x 1.5m
Max. lifting height	5.6m
Max. working radius	5.17m
Weight	1000kg

Page 3

URW-095



Crane capacity	0.995t x 3.5m
Max. lifting height	8.8m
Max. working radius	8.41m
Weight	1850kg

Page 5

ECO-UNIC

WBE - ON WHEELS



Crane capacity	2.9t x 1.4m
Max. lifting height	8.9m
Max. working radius	8.41m
Weight	2425kg

Page 7

ECO-UNIC

CBE - ON TRACKS



Crane capacity	2.9t x 1.4m
Max. lifting height	8.9m
Max. working radius	8.41m
Weight	2350kg

Page 7

URW-295



Crane capacity	2.9t x 1.4m
Max. lifting height	8.8m
Max. working radius	8.41m
Weight	1850kg

Page 9

URW-295-2

WITH HYDRAULIC FLY JIB



Crane capacity	2.9t x 1.4m
Max. lifting height	12.5m (with jib)
Max. working radius	9.1m (with jib)
Weight	Model dependent

Page 11

URW-295 VO

VARIABLE OUTRIGGERS OPTION



Crane capacity	2.9t x 1.4m
Max. lifting height	Model dependent
Max. working radius	Model dependent

Available on all 295 variants

Page 12

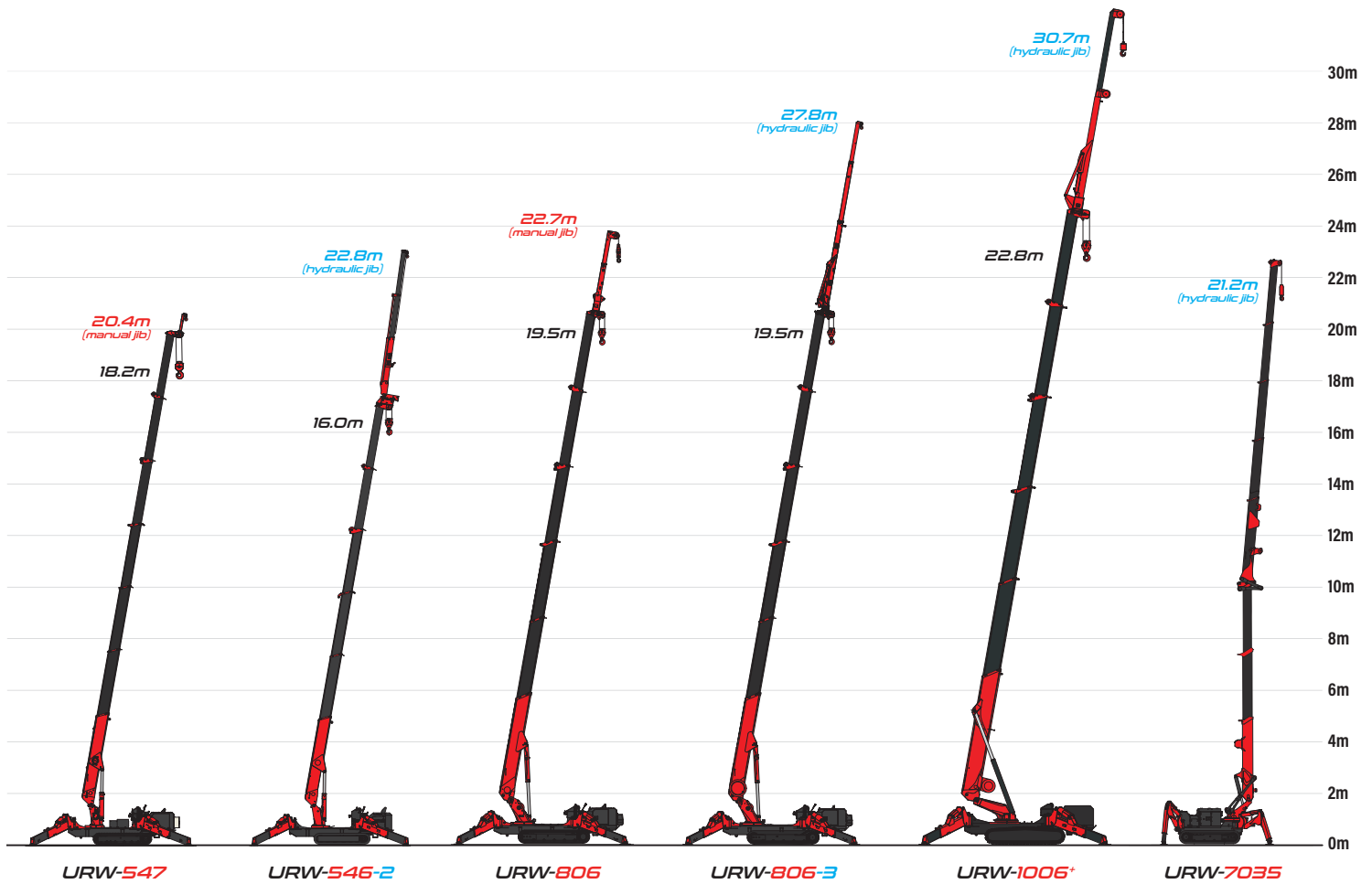
UM445

WITH HYDRAULIC FLY JIB



Crane capacity	4.0t x 1.8m
Max. lifting height	17.5m (with jib)
Max. working radius	15.7m (with jib)
Weight	3830kg

Page 13



URW-376

Crane capacity	2.9t x 2.5m
Max. lifting height	14.9m
Max. working radius	14.45m
Weight	3850kg

Page 17

URW-546

Crane capacity	4.0t x 2.5m
Max. lifting height	16m
Max. working radius	15.52m
Weight	4940kg

Page 19

URW-546-2

WITH HYDRAULIC FLY JIB

Crane capacity	4.0t x 2.5m
Max. lifting height	22.8m (with jib)
Max. working radius	17m (with jib)
Weight	5280kg

Page 21

URW-547

Crane capacity	4.0t x 2.5m
Max. lifting height	18.2m
Max. working radius	17.83m
Weight	5010kg

Page 23

URW-806

Crane capacity	8.0t x 1.7m
Max. lifting height	19.5m
Max. working radius	18.6m
Weight	7920kg

Page 25

URW-806-3

WITH HYDRAULIC FLY JIB

Crane capacity	8.0t x 1.7m
Max. lifting height	27.8m (with jib)
Max. working radius	21m (with jib)
Weight	8520kg

Page 27

URW-1006+

WITH HYDRAULIC FLY JIB

Crane capacity	10.0t x 3.0m
Max. lifting height	30.7m (with jib)
Max. working radius	24.3m (with jib)
Weight	14000kg

Page 29

URW-7035

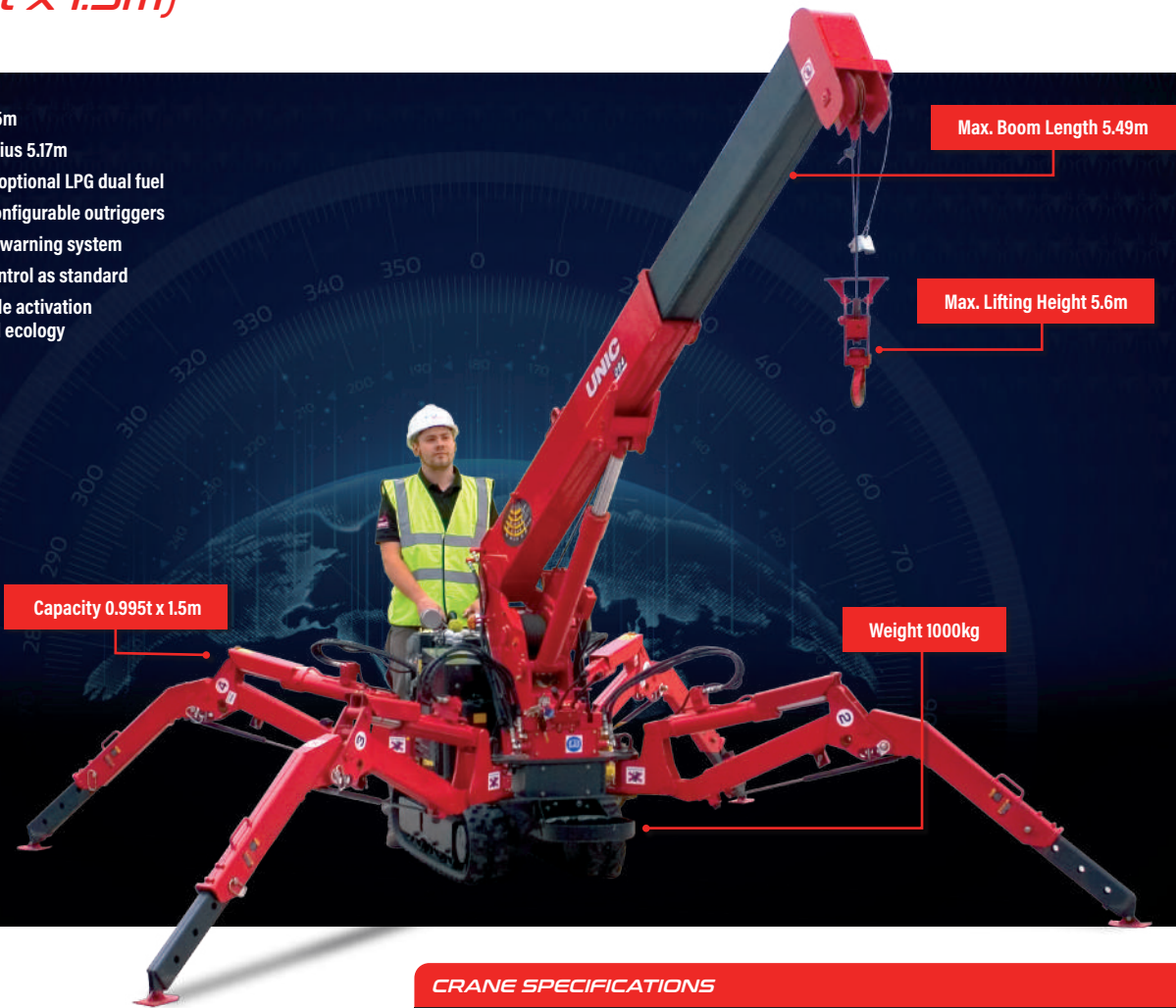
Crane capacity	0.98t x 6.44m
Max. lifting height	21.17m
Max. working radius	13.99m
Weight	8650kg

Page 33

URW-094

(0.995t x 1.5m)

- Total width 0.595m
- Max working radius 5.17m
- Petrol powered, optional LPG dual fuel
- Multi-position configurable outriggers
- Intelligent voice warning system
- Radio remote control as standard
- Intelligent throttle activation for economy and ecology



The URW-094 is the world's smallest and lightest mini crane. At only 595mm wide and weighing 1000kg it is ideal for manoeuvring into the most confined working areas and is narrow enough to allow access through a standard doorframe. Once in position, the URW-094 is capable of lifting heavy loads of almost 1 tonne with its 5.49m long boom allowing a maximum hook height of 5.6m.

ADDITIONAL FEATURES



Radio remote control



CRANE SPECIFICATIONS

Crane capacity	capacity:	0.995t x 1.5m
Max. working radius	max:	5.17m
Max. lifting height	approx:	5.6m
Rope length	max:	13.89m (2 fall), 28.77 m (1 fall)
Dimensions	folded:	1870mm (l) x 595mm (w) x 1290mm (h)
Weight	unladen:	1000kg
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	8.5m/min (with 3 layers and 2 falls)
Telescopic system	boom length:	1.73 - 5.49m
	telescoping speed:	3.76m/17 seconds
	boom type:	4 sections hydraulically telescoping boom, 4 sided box beam
Derricking angle/speed	approx:	0 - 78° / 6.5 seconds
Slewing angle/speed	approx:	360° (continuous) 1.5 min rpm
Traction system	drive:	hydrostatic, stepless forward and reverse
	travel speed:	0 - 2.2km / h
	gradeability:	20° (vertical), 10° (traverse)
	track ground length:	900mm
	track ground pressure:	36.3kPa (0.37kg/cm²)
Engine	track width:	150mm
	manufacturer:	Mitsubishi
	fuel:	petrol (LPG dual option)
	maximum output:	5.5kW (7.5PS) / 1800 min rpm
	starting method:	electric and recoil start as standard
Standard equipment	tank capacity:	6 litres
	radio remote control, overwinding alarm, computer controlled intelligent voice warning system, multi-function operation by radio remote control, intelligent throttle activation, automatic hook stow	
Optional equipment	1 fall hook block, LPG dual power, low marking tracks	

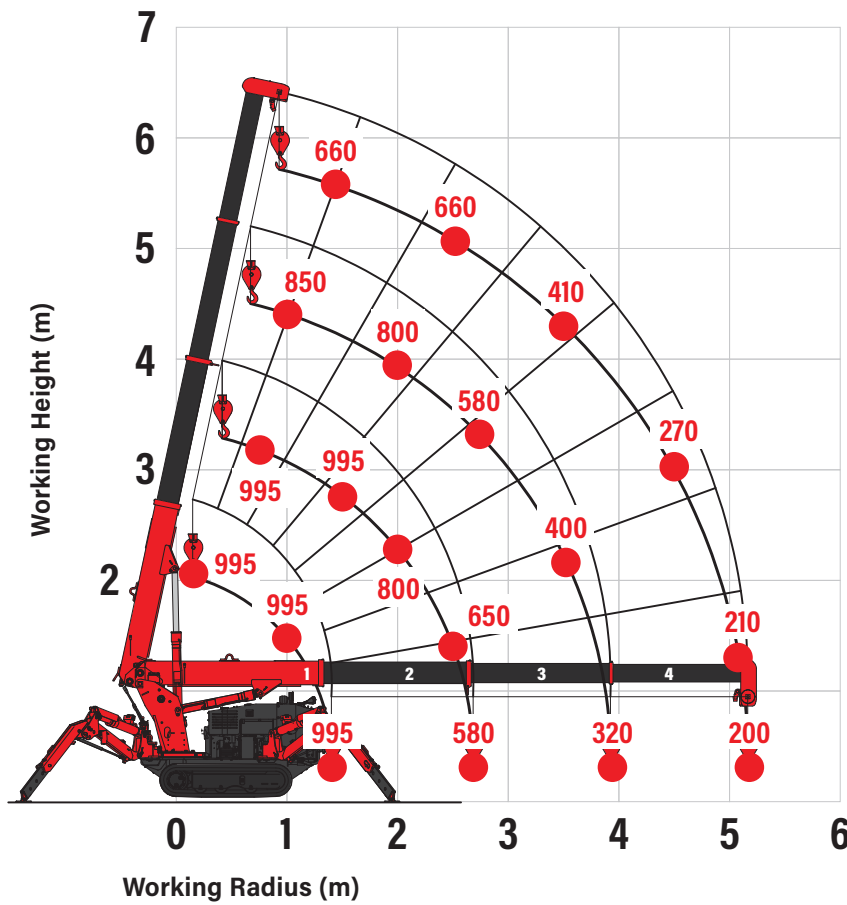
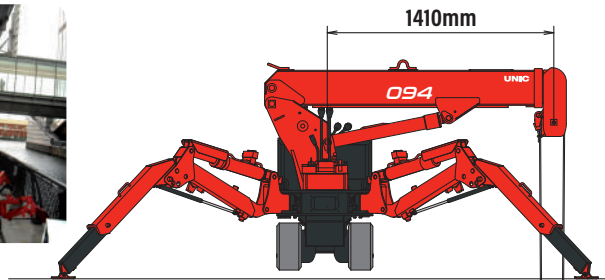
MINI SPIDER CRANE



Spec Sheet

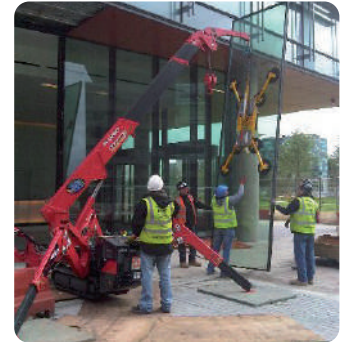
UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS

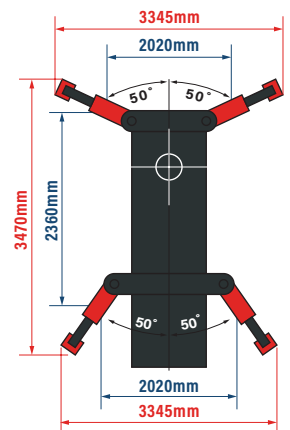


2 Fall
13.89m
995kg
max

1 Fall
28.77m
600kg
max

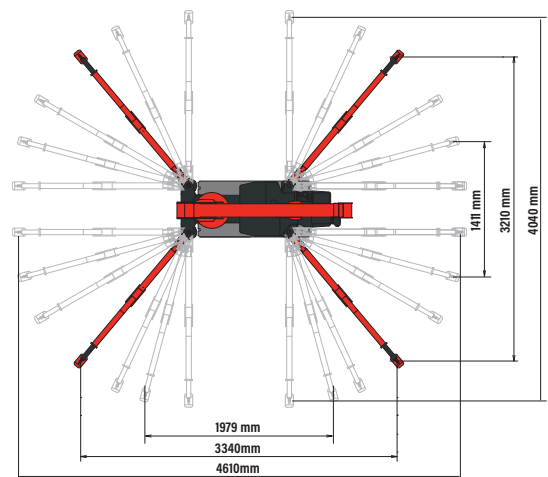
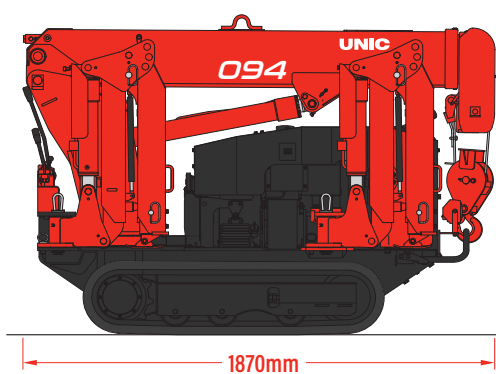
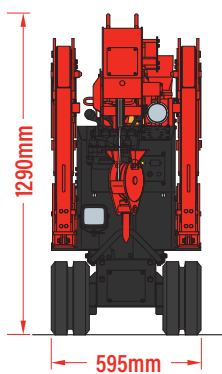


OUTRIGGER MIN & MAX



MAX OUTRIGGERS MIN OUTRIGGERS

DIMENSIONS



URW-095

(0.995t x 3.5m)

- Total width 0.6m
- Max working radius 8.41m
- Petrol powered with LPG and electric option
- Diesel powered with electric option
- Zero length increase with electric option
- Multi-position configurable outriggers
- Intelligent voice warning system
- Turn-over protection system, stability warning
- Radio remote control as standard
- Intelligent throttle activation for economy and ecology



Optional bellypack radio remote control

Max. Boom Length 8.65m

Max. Lifting Height 8.8m

Capacity 0.995t x 3.5m

Weight 1850 - 2090kg
(Depending on fuel option)

The URW-095 is just 0.6m wide and designed specifically for interior access and benefits from class-leading heavy lifting capacity. The URW-095 boasts unrivalled boom length and its outriggers allow for independent multi-angle configurations to suit the working space especially in restricted or confined areas - the patented UNIC stability protection system provides the benefit of turnover protection for enhanced safety.



ADDITIONAL FEATURES



Standard radio remote control



UNIC stability protection system

CRANE SPECIFICATIONS

Crane capacity	capacity:	0.995t x 3.5m
Max working radius	max:	8.41m
Max lifting height	approx:	8.8 m (9.8m with fly jib, 10.47m with fixed hook)
Rope length	max:	14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall)
Dimensions	folded:	2690mm (2905mm diesel & electrical dual) (l) x 600mm (w) x 1375mm (h)
Weight	unladen:	petrol 1850kg, 1950kg with electric option diesel 1920kg, 2090kg with electric 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 (2.72 - 8.65m diesel)
	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) 1.5 min rpm
Traction system	drive:	hydrostatic, stepless forward and reverse
	travel speed:	0 - 2.3 km/h
	gradeability:	20° (vertical), 10° (traverse)
	track ground length:	1050mm
	track ground pressure:	48kPa (0.49 kg/cm²)
Engine	track width:	180 mm
	manufacturer:	Mitsubishi (Kubota diesel)
	fuel:	petrol with LPG and electric options, diesel with electric option
	maximum output:	9.6kW (13 PS) / 2000min (U/Min)
	starting method:	electric and recoil start as standard
Electric motor	tank capacity:	6 litres petrol, 9 litres diesel
	power:	3.7kW
	voltage:	400v AC 50/60 Hz
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, load indication, turn-over protection system with stability warning lamps and alarm	
Optional equipment	1 fall hook block, 2 fall hook block, LPG dual power, mains electric dual power (400v), low marking tracks, searcher hook small 300kg, searcher hook 700kg, fly jib 700kg with single part line, bellypack radio remote control	

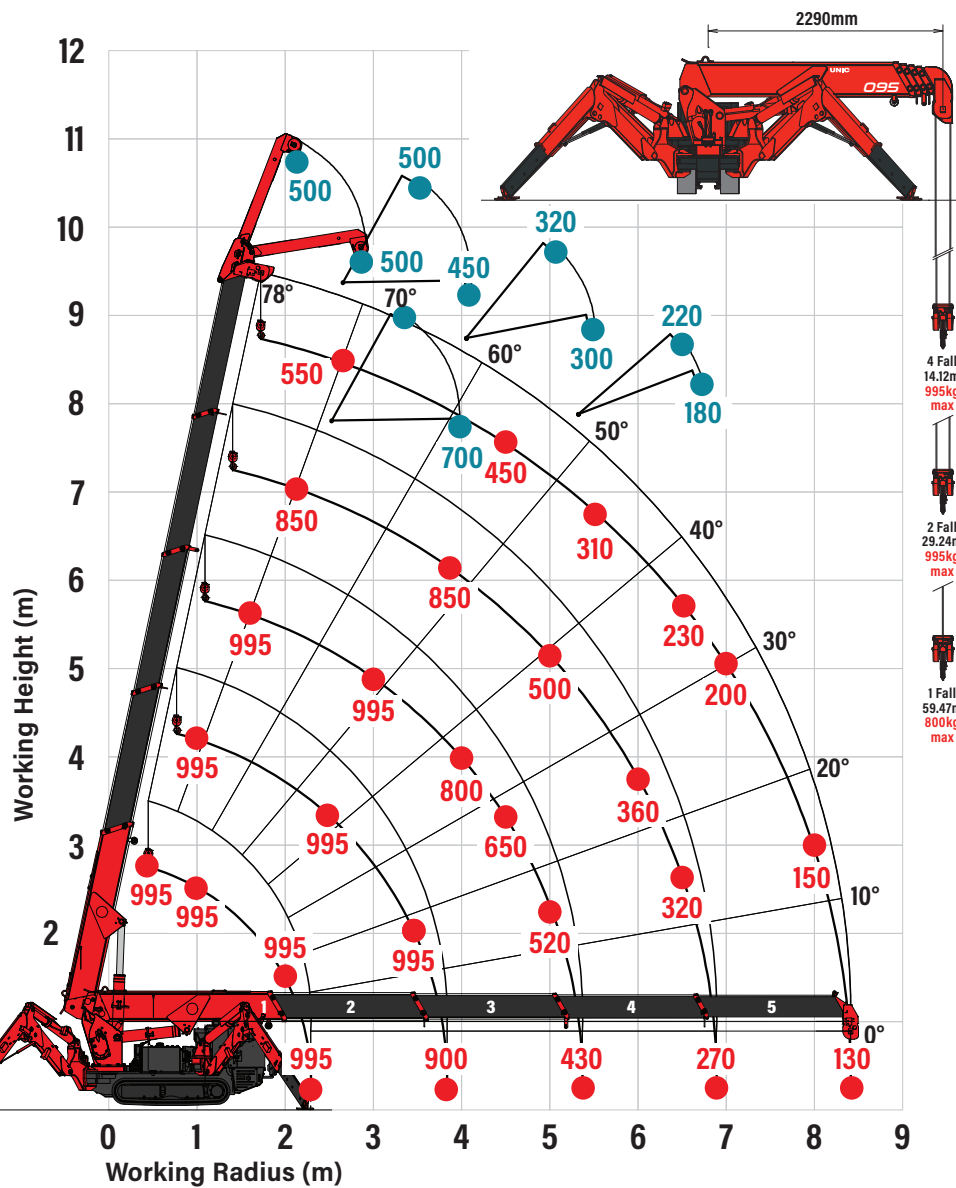
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 300kg



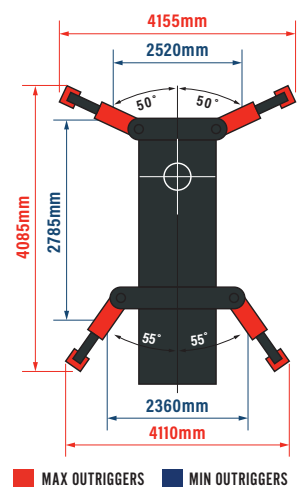
Capacity	300kg
Length	500 mm
Weight	15 kg
Angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



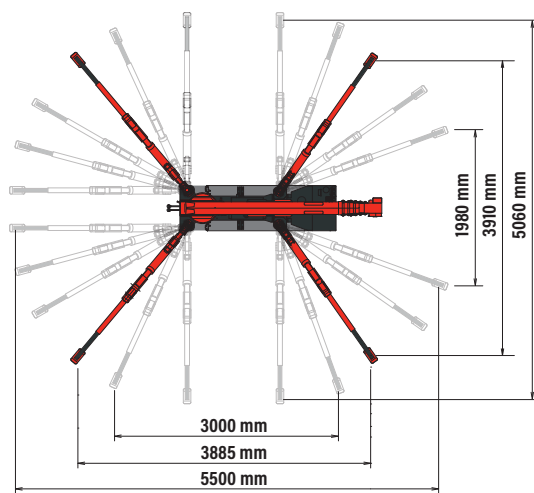
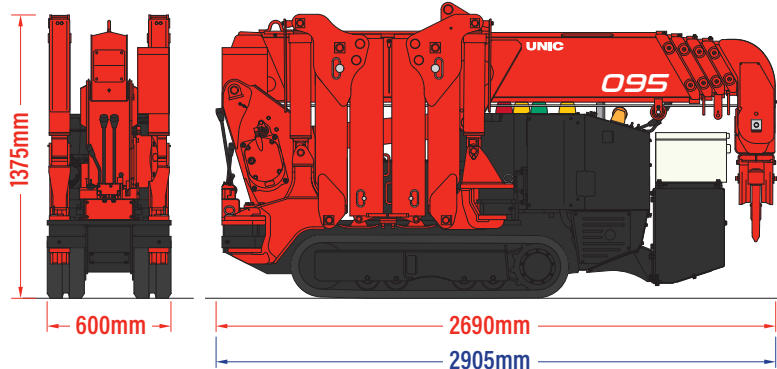
Capacity	700kg
Length	1500mm
Weight	40kg
Tilt angles	0°, 20°, 40°, 60°

OUTRIGGER MIN & MAX



DIMENSIONS

Petrol Model / Diesel Model



ECO-UNIC

(2.9t x 1.4m)

- Total width 0.69 / 0.75m
- Max working radius 8.41m
- Multi-position configurable outriggers (VO)
- Operator control of outrigger extension
- Intelligent voice warning system
- Preliminary stability warning system with motion cut
- Radio remote control as standard
- Optional working area limitation
- Optional slew limitation



Standard radio remote control



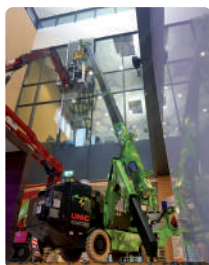
Full safe load indicator



Optional 250Ah Lithium Battery



The Eco-UNIC mini crane range offers fume-free lifting power that is suitable for lifting in sensitive environments. Featuring both tracked and wheeled variants of the Eco-295 models these cranes include an on-board rechargeable 48v battery for environmentally friendly and low noise operation. Our tracked cranes travel over rough terrain and operate on uneven surfaces with ease while our standard wheeled variants feature low-marking wheels for working on light-coloured or polished surfaces. Ideal for food processing plants, listed buildings, shopping centres, and airports.



CRANE SPECIFICATIONS

Crane capacity	capacity:	2.9t x 1.4m
Max working radius	max:	8.41m
Max lifting height	max:	8.9m
Rope length	max:	14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall)
WBE dimensions	folded:	2730mm (l) x 750mm (w) x 1560mm (h)
CBE dimensions	folded:	2720mm (l) x 690mm (w) x 1525mm (h)
WBE weight	unladen:	2425kg (2490kg with fly jib)
CBE weight	unladen:	2350kg (2415kg with fly jib)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	91m/min (with 4 layers and 4 falls)
Telescopic system	boom length: telescoping speed: boom type:	2.53 - 8.65m 612m/31 seconds 5 section, hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 78° /17 seconds
Slewing angle/speed	approx:	360° (continuous) 1.5 rpm
WBE travelling system	drive: travel speed: steering angle: min. turning radius: gradeability: front wheels: rear wheels:	hydraulic motor wheeled drive 0 - 2.6km/h 50° left and 50° right outer 1990mm x inner 510mm ± 20° (vertical) 10° (traverse) 4.00-8 (wheel RIM 3.00 D-8) 3.50-5 (wheel RIM 3.00 SP-5)
WBE power source	power: voltage:	3.1kW (AC motor) 48v DC rechargeable battery
CBE travelling system	drive: travel speed: gradeability: track ground length: track ground pressure: track width:	hydrostatic, stepless forward and reverse 0 - 2.3 km/h 20° (vertical), 10° (traverse) 1050mm 48kPa (0.49 kg/cm²) 180 mm
CBE power source	power: voltage:	4.0kW (AC motor) 48v DC rechargeable battery
Battery charger	charger:	110v (32A) or 200/240v single phase (16A)
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	
Optional equipment	1 fall hook block, 2 fall hook block, 300kg capacity small searcher hook, 700kg capacity searcher hook, 700kg capacity fly jib with single part line, variable outriggers, slew limitation, data logger, backpack radio remote control	

OPTIONS



Backpack radio remote control



Variable outriggers
See Page 12

MINI SPIDER CRANES

BATTERY-POWERED

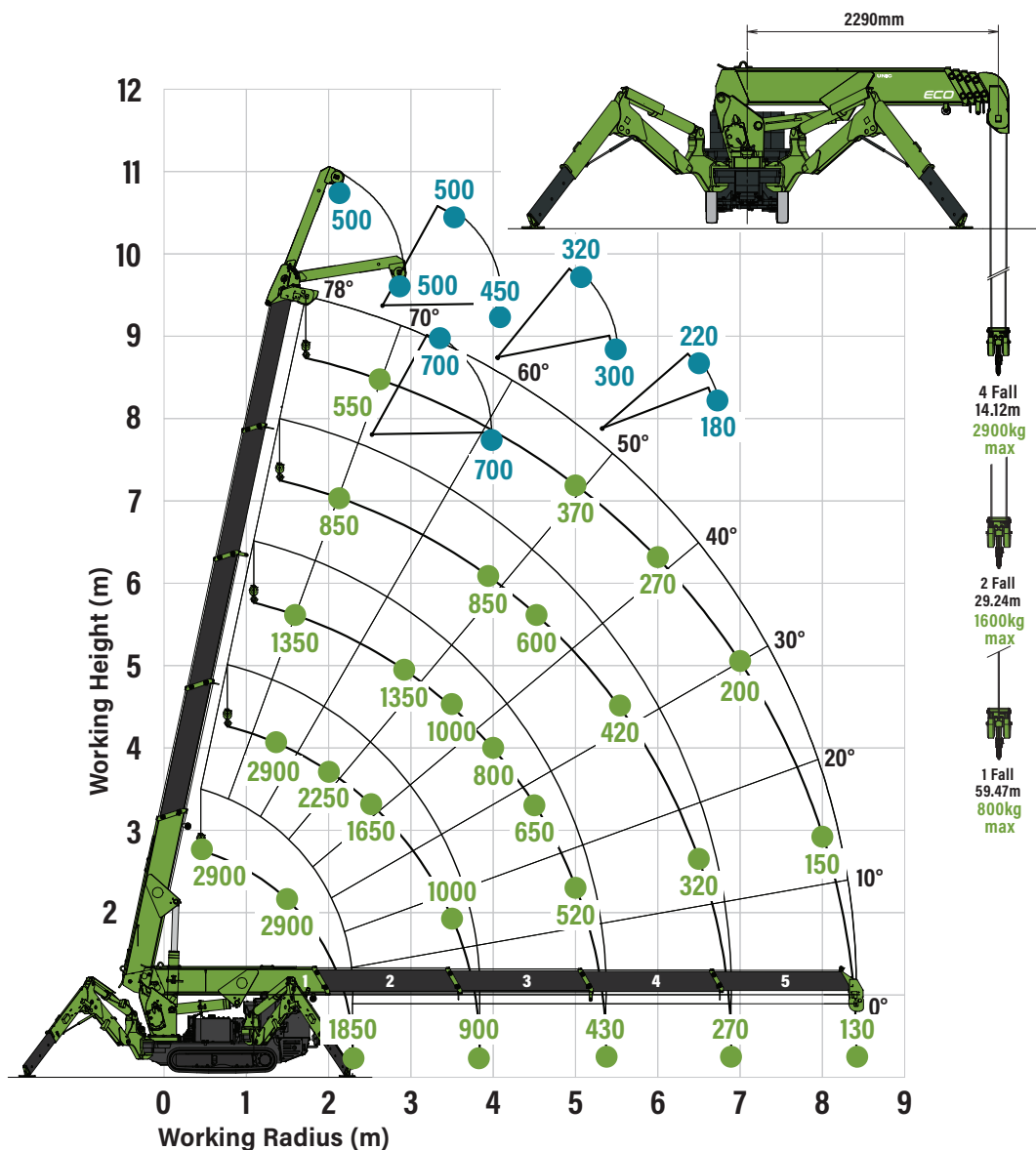


Spec Sheet

UNIC

CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 300kg



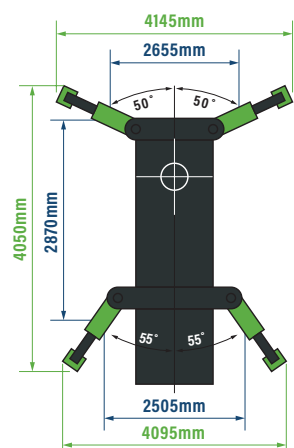
Capacity	300kg
Length	500 mm
Weight	15 kg
Angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



Capacity	700kg
Length	1500mm
Weight	40kg
Tilt angles	0°, 20°, 40°, 60°

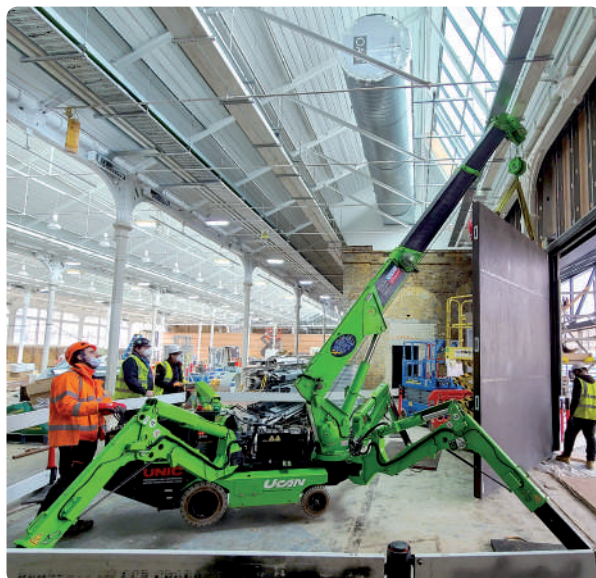
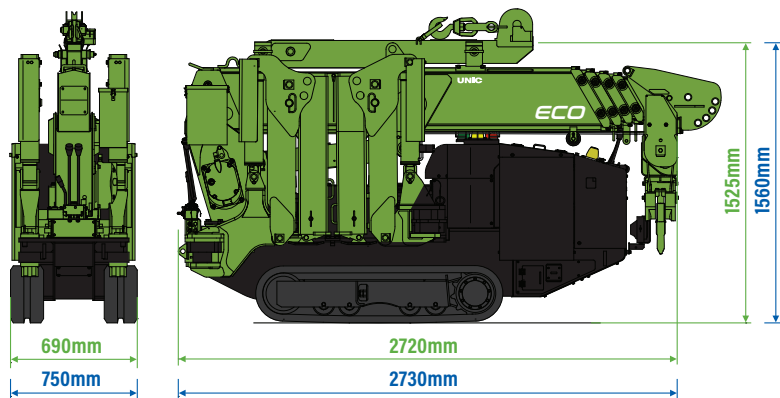
OUTRIGGER MIN & MAX



MAX OUTRIGGERS MIN OUTRIGGERS

DIMENSIONS

CBE Model / WBE Model



URW-295

(2.9t x 1.4m)

- Total width 0.6m
- Max working radius 8.41m
- Petrol powered with LPG and electric options
- Diesel powered with electric option
- Zero length increase with electric option
- Operator control of outrigger extension
- Radio remote control as standard
- Working area limitation (optional)
- Variable outriggers (optional)
- Intelligent throttle activation for economy and ecology



Standard radio remote control



Full safe load indicator



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.



OPTIONS



Bellypack radio remote control



Variable outriggers
See Page 12

CRANE SPECIFICATIONS

Crane capacity	capacity:	2.9t x 1.4m
Max working radius	max:	8.41m
Max lifting height	approx:	8.8m (9.8m with manual fly jib, 10.47m with fixed hook)
Rope length	max:	1412 m (4 fall), 29.24 m (2 fall), 59.47 m (1 fall)
Dimensions	folded:	2690mm (2905mm diesel & electrical dual) (l) x 600mm (w) x 1375mm (h)
Weight	unladen:	petrol: 1850kg (1950kg with electric option) diesel: 1920kg (2090kg with electric 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) 1.5 min rpm
Traction system	drive:	hydrostatic, stepless forward and reverse
	travel speed:	0 - 2.3 km/h
	gradeability:	± 20° (vertical) 10° (traverse)
	track ground length:	1050mm
	track ground pressure:	48kPa (0.49 kg/cm²)
Engine	track width:	180mm
	manufacturer:	Mitsubishi (Kubota diesel)
	fuel:	petrol with LPG and electric options, diesel with electric option
	maximum output:	9.6kW (13PS) / 2000min rpm
	starting method:	electric and recoil start as standard
Electric motor	tank capacity:	6 litres petrol, 9 litres diesel
	power:	3.7kW
	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	
Optional equipment	1 fall hook block, 2 fall hook block, LPG dual power, mains electric dual power (400v), diesel engine, low marking tracks, slew limitation, searcher hook small 300kg, searcher hook 700kg, manual fly jib 700kg with single part line, bellypack radio remote control, data logging, URW-295 VO (variable outriggers)	

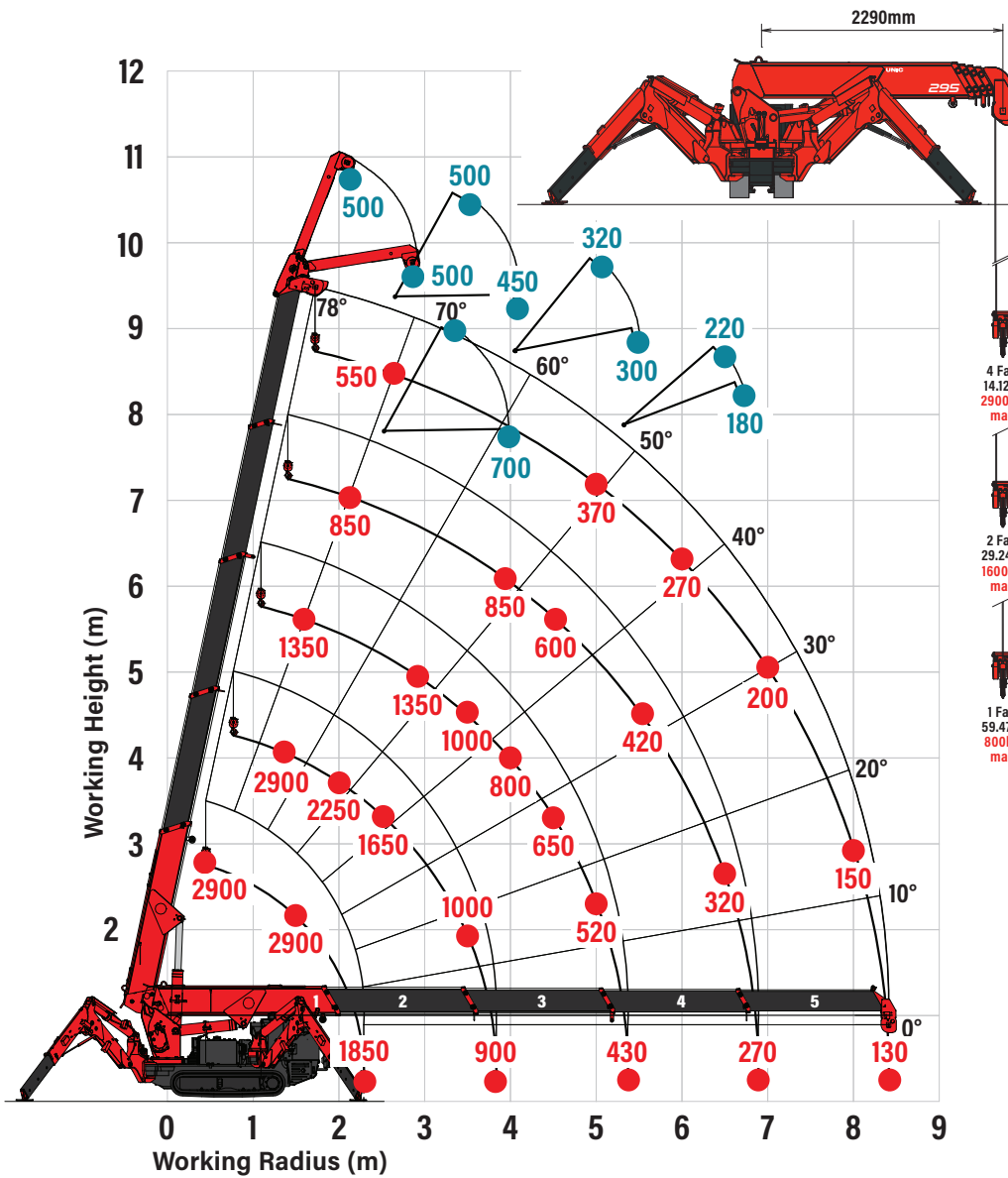
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 300kg



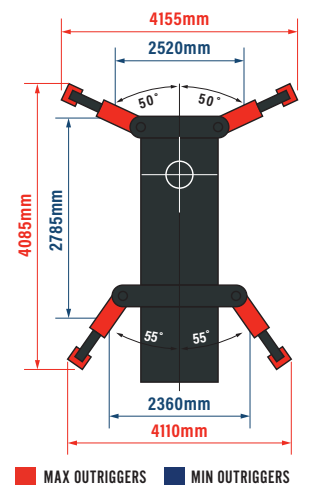
Capacity	300kg
Length	500 mm
Weight	15 kg
Angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



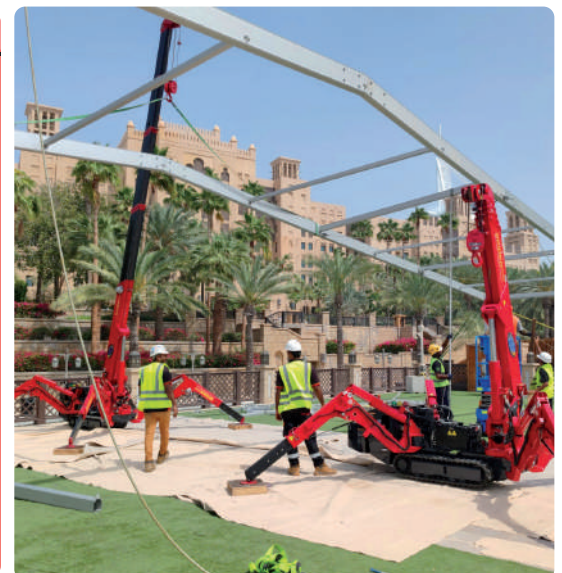
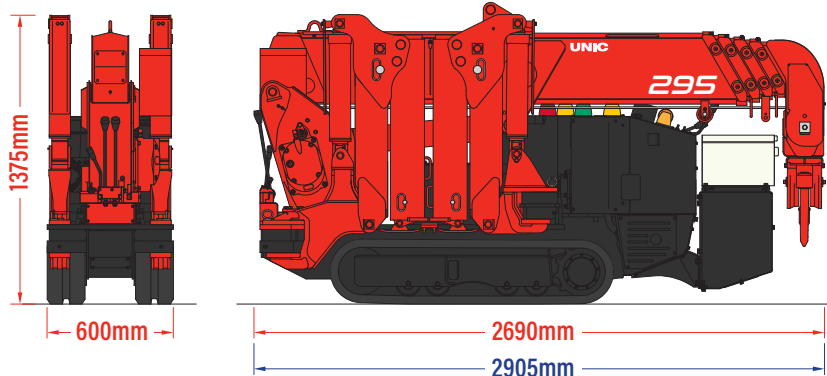
Capacity	700kg
Length	1500mm
Weight	40kg
Tilt angles	0°, 20°, 40°, 60°

OUTRIGGER MIN & MAX



DIMENSIONS

Petrol Model / Diesel Model



URW-295-2

WITH HYDRAULIC JIB



Spec Sheet

- Total width 0.84m
- Max working radius 8.41m, 11.6m with searcher and single-line hooks
- Available as Petrol, Diesel and Eco models
- Operator control of outrigger extension
- Radio remote control as standard
- Working area limitation (optional)
- Variable outriggers (optional)
- Intelligent throttle activation for economy and ecology



Standard radio remote control



Full safe load indicator



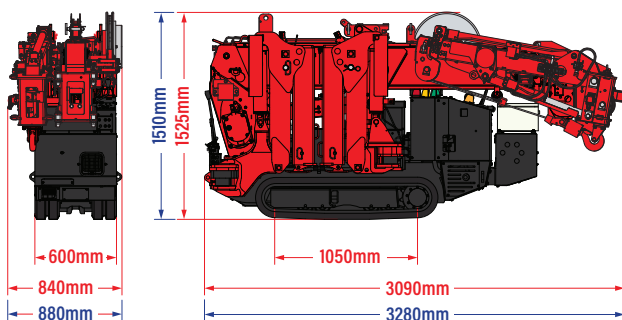
Optional bellypack radio remote control

The URW 295-2 builds upon the proven features of the URW-295 and introduces four innovative attachments, enhancing its versatility for diverse lifting applications.

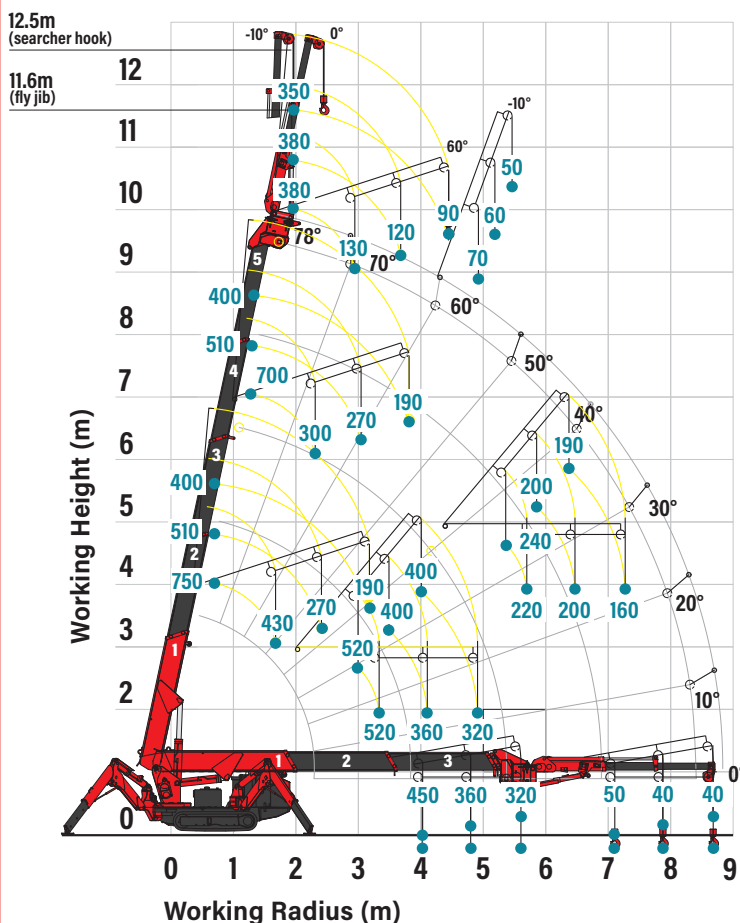
The new telescoping luffing jib/searcher hook offers a maximum capacity of 750kg, jib extension range of 1.2m to 2.8m. This attachment also features a luffing range of -10° to 60° offsets while also increasing the max lifting height of the crane to 12.5m and an impressive working radius of 9.1m. The new heavy duty rhino hook attachment fits directly to the main boom head, has a maximum lifting capacity of 995kg and a offset range of 0°, 20°, 40° & 60°

DIMENSIONS

Petrol Model / Diesel Model / Eco Available On Request



HYDRAULIC JIB RATED LOADS (kg)



URW-295 VO

VARIABLE OUTRIGGER OPTION



Spec Sheet

UNIC

CRANES EUROPE

The UNIC URW-295 VO optional upgrade retains all the benefits of the standard URW-295 or URW-295-2 models, but sees the addition of variable, adjustable outriggers, enabling this mini crane to operate around fixed obstacles on site to suit the lifting requirements of each project. The adjustable outriggers reduce the working footprint of this already compact mini machine, making it ideal for working in extremely tight and small spaces.



Available on the Eco-295



Max. boom length 8.65m

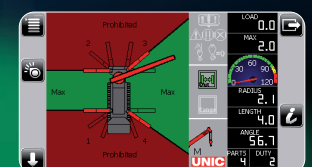
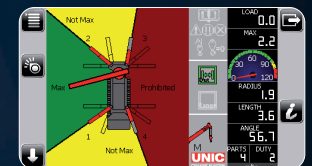
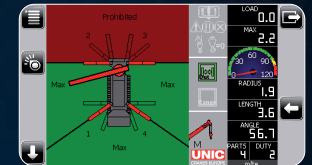
Capacity 2.9t x 1.4m

Max. lifting height 8.8m

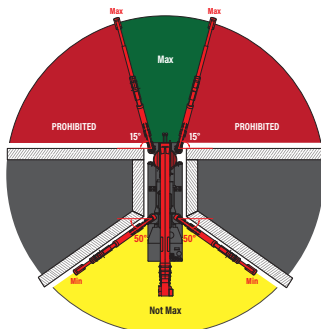
Weight 1850 - 2490kg
(Depending on fuel option)



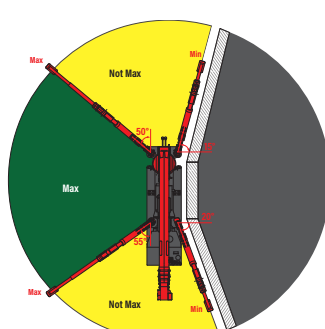
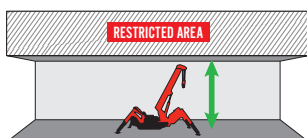
Full safe load indicator



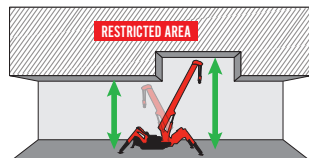
VARIABLE OUTRIGGERS INCLUDING SLEW & HEIGHT LIMITATION



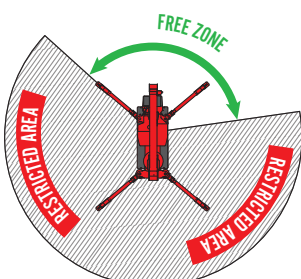
Height Limitation



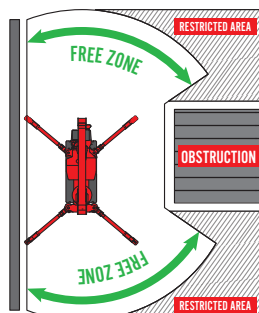
Variable Height Limitation



Slew Limitation



Variable Slew Limitation



OPTIONAL BELLYPACK RADIO REMOTE CONTROL



UM445

(4.0t x 1.8m) / (3.67t x 2.0m)

- Total width 0.75m
- Non-marking tracks
- Max working radius 15.7m
- Max lifting height 17.5m
- Powered by a maintenance free 160Ah lithium-ion battery
- Continuous operation while charging
- Auto-levelling system making setup easy
- Pick & carry capacity: 500kg
- Five-section derricking boom & four-section telescoping jib
- Unique pop-up column reduces rear swing overhang
- Full colour, high resolution i4500 SLI system
- Five position, three extension variable outrigger system
- Backpack radio remote control with high-resolution display
- Intelligent power activation for economy and ecology
- Low noise output
- Zero emissions



Full safe load indicator



Powered by lithium-ion technology and a high-capacity battery pack with the ability to charge while in operation, the UM445 Pop-Up Crane ensures sustained power, contributing to reduced carbon emissions and eco-friendly, green lifting practices.

Its extendable tracks provide heightened stability and manoeuvrability, facilitating seamless navigation across many terrains. Standard features include a 2.9m – 10.0m main boom and a hydraulic telescoping luffing jib/searcher hook attachment with a maximum capacity of 1500kg, extension range from 2.0m to 5.7m, and a luffing range of -10° to 160° offset. With these capabilities, the UNIC UM445 achieves an impressive maximum lifting height of 17.5m and a maximum working radius of 15.7m.

The flexible variable outrigger design, featuring five offsetable angles and three extensions, allows operation in tighter spaces without compromising load ratings. The pop-up turret design reduces the rear overhang, enabling the crane to work closer to walls and obstacles.

Fully radio remote-controlled, the UM445 ensures a swift and precise setup for lifting operations, travelling, setup, outrigger deployment, auto-levelling, and pick and carry modes. Additionally, the UM445 comes with non-marking tracks as standard to prioritise surface protection.

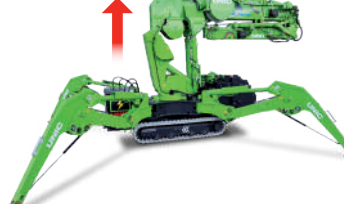
BELLYPACK RADIO REMOTE CONTROL WITH FULL COLOUR DISPLAY



The ergonomic Bellypack Radio Remote is the latest way for operators to manoeuvre their UNIC crane. Observe and control the spider crane functions with the aid of a full colour 4.3" high-resolution display and six linear levers, giving operators smooth and precise movements.

The Bellypack comes with secure communications and auto-frequency management between the transmitter and receiver, ensuring no other remote can unintentionally affect the crane.

UNIQUE FEATURE OF THE UM445 POP-UP SPIDER CRANE

- The compact UM445 with its expandable tracks for improved stability can be manoeuvred easily into position by the operator. Taking the width from 1110mm to 750mm gives users the option to manoeuvre through suitable doorways.
- The variable outriggers of the UM445 give operators the ability to position the outriggers where needed in confined areas or around obstacles on-site. Additionally, with the variable outriggers users can unlock even more performance with Max+ capacities.
- The position of the unique pop-up column means the UM445 has increased stability. It also offers the ability to work closer to walls and obstacles than its closest competitor, due to the minimal overhang of the column.
- The 1500kg capacity 4-section telescopic hydraulic jib of the UM445 takes the maximum hook height from 10.5m to 17.5m, and the maximum working radius from 9.82m to 15.7m.

LITHIUM-ION MINI CRANE

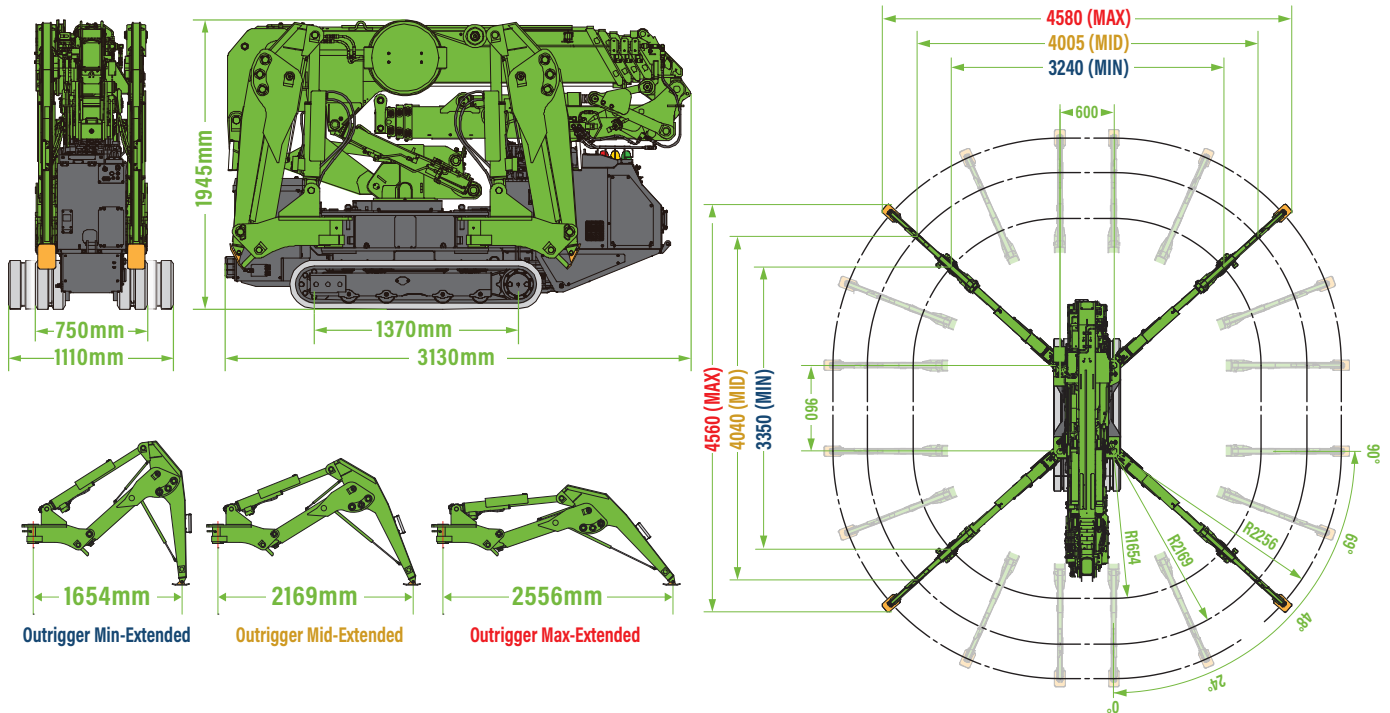
WITH HYDRAULIC JIB



Spec Sheet

UNIC
CRANES EUROPE

CRANE & OUTRIGGER RADIUS DIMENSIONS



CRANE SPECIFICATIONS

Crane capacity	max:	4.0t x 1.8m
Max working radius	max:	9.8m (15.7m with hydraulic jib, 15.6m with searcher hook)
Max lifting height	approx:	10.9m (16.4m with hydraulic jib, 17.5m with searcher hook)
Rope length	rope:	8mm x 59m
Dimensions	folded:	3130mm (l) x 750mm (1110mm) (w) x 1945mm (h)
Weight	unladen:	3830kg
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	6.0 (9.0)/m/min (4-fall), 12.0 (18.0)/m/min (2-fall), 24.0 (36.0)/m/min (1-fall)
Main boom	boom length: telescoping speed: boom type:	2.895 - 10.075m 7.18m/34 seconds 5 section, hydraulically telescoping boom, hexagonal box construction
Jib	max capacity: jib length: telescoping speed: jib type:	1500kg 1.98 - 5.74m 3.76m/21 seconds 4 section, hydraulically telescoping jib, box construction
Slewing angle/speed	approx:	360° (continuous) 1.2 rpm
Traction system	drive: travel speed: gradeability: track ground length: track ground pressure: track width:	hydrostatic 2-speed, stepless forward and reverse 0 - 2.0km/h ± 20° (vertical) 10° (traverse) 1370mm 68.2kPa (0.70kg/cm²) 200mm
Battery	type: pack voltage: pack capacity: pack composition:	lithium-ion battery DC 51.2V 160Ah 4 series x 3 parallel
Battery charger	input voltage: input current: output voltage: output current: charging time:	AC95~265V (50-60Hz), single-phase 16A (AC200V), 15A (AC100V) DC 56.0V 60A (AC200V), 30A (AC100V) 3.0 hr (AC200V), 6.2 hr (AC100V)
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 power activation, automatic hook stow, overload warning lamps, variable outriggers, virtual wall, slew, height and radius range limitation, non-marking tracks, 4-fall hook block, single-line hook, searcher hook, extendable tracks, backpack radio remote control with 4.3" high-resolution display	

DESIGNED FOR ENCLOSED AREA LIFTING

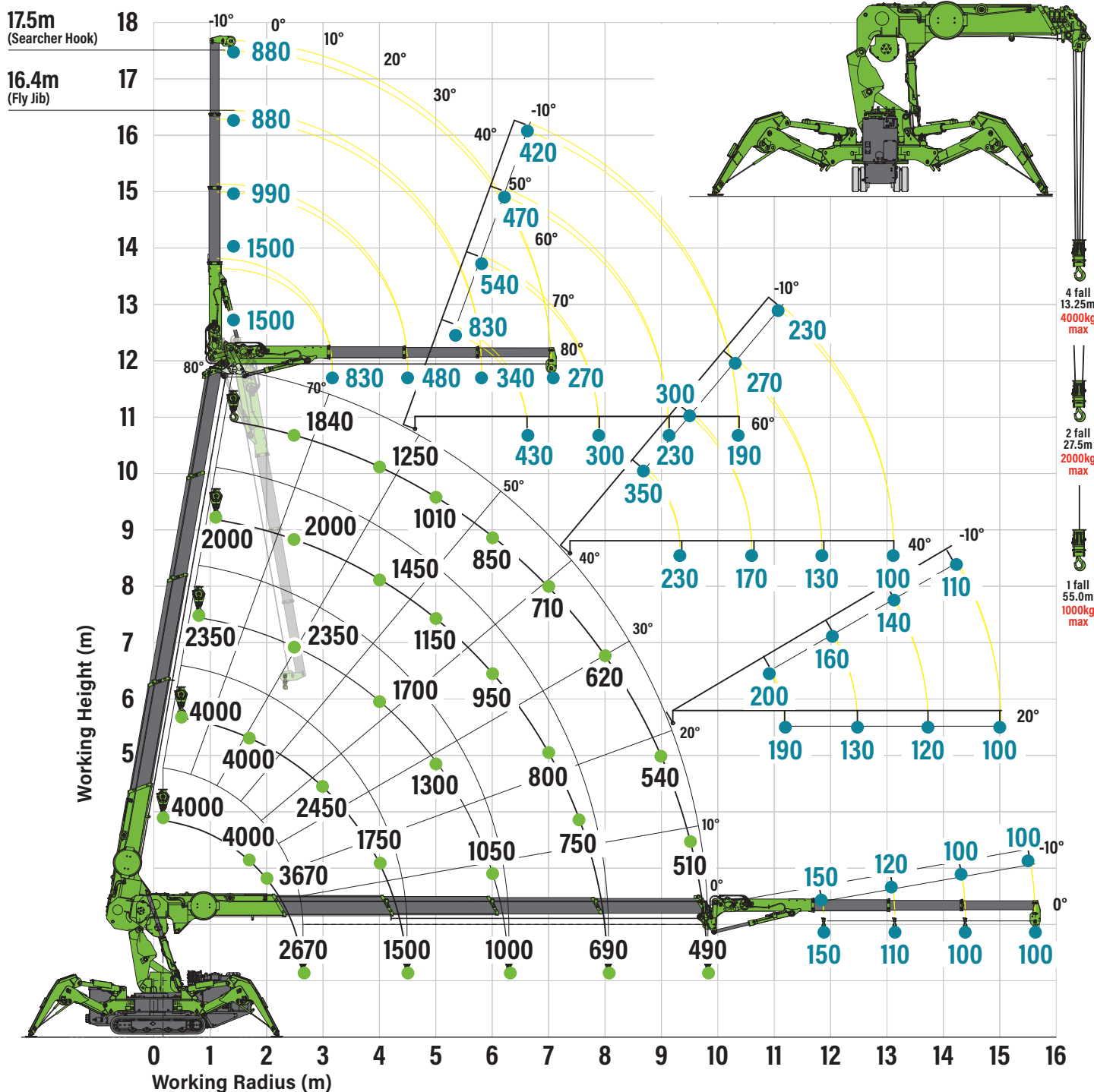
The pop-up turret design enables the crane to be used closer to walls and obstacles than ever before by reducing the rear overhang, providing maximum versatility. The new, increased flexible variable outrigger design features five different off settable angles and three different extensions, allowing the UNIC UM445 to work in tighter, more restricted areas while maintaining excellent load ratings.



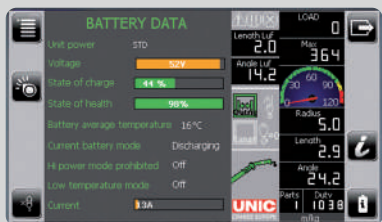
UM445

(4.0t x 1.8m) / (3.67t x 2.0m)

RATED LOADS (kg) & HOOK FALLS



Charge the UM445 while working with a 110/240v supply



Battery data & diagnostics information

NON-MARKING EXTENDABLE TRACKS



The extendable tracks enable enhanced stability and manoeuvrability, allowing the crane to navigate various terrains with ease.

Non-marking tracks are included as standard, to reduce the impact on delicate surfaces, ensuring a tidy and professional work environment.

LITHIUM-ION MINI CRANE

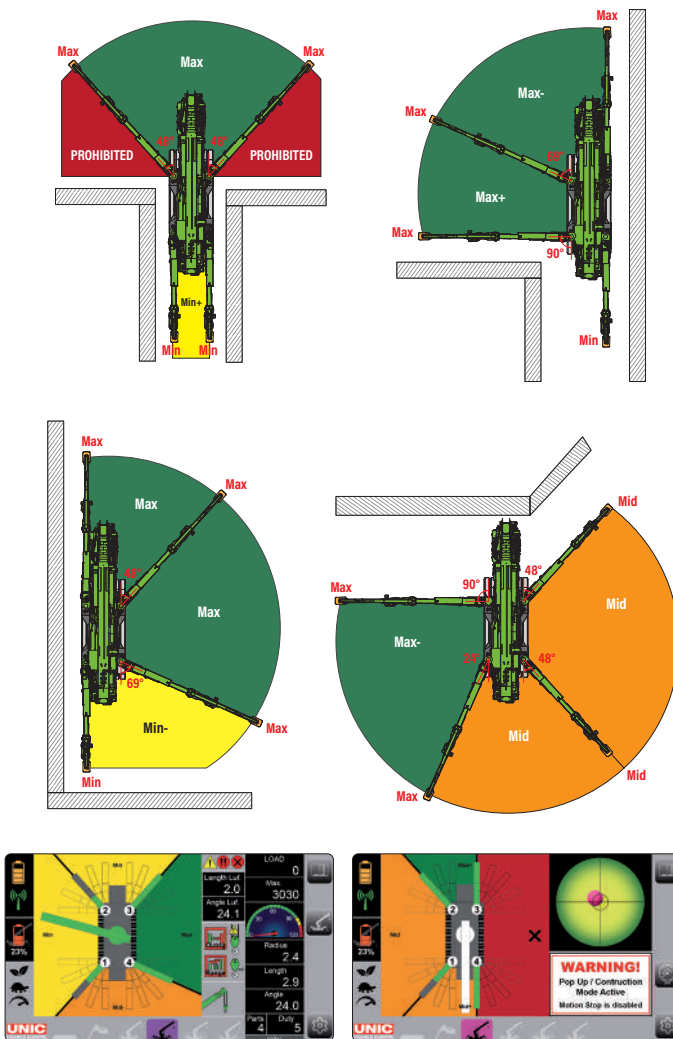
WITH HYDRAULIC JIB



Spec Sheet

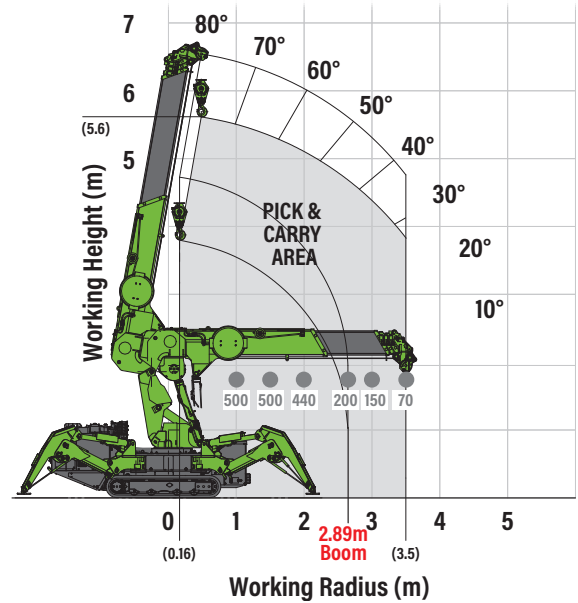
UNIC
CRANES EUROPE

VARIABLE OUTRIGGER - WORKING EXAMPLES

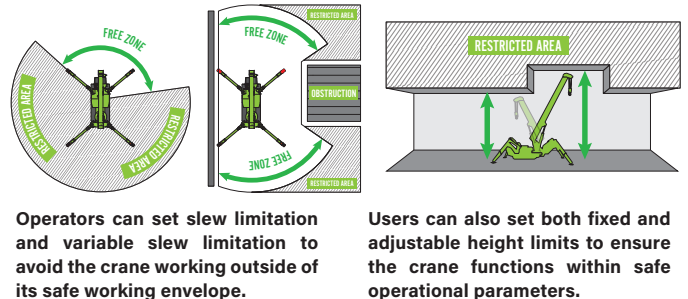


WORKING RANGE - PICK & CARRY

The crane's versatile pick and carry function enhances productivity, enabling both lifting and transporting of loads efficiently on site.



SLEW AND HEIGHT LIMITATION AS STANDARD

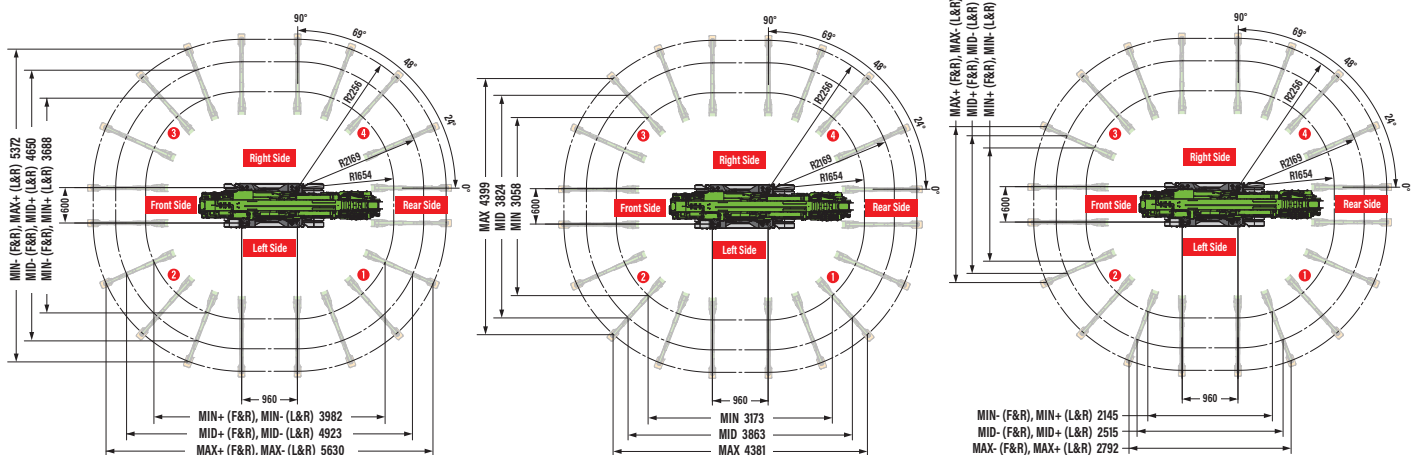


Operators can set slew limitation and variable slew limitation to avoid the crane working outside of its safe working envelope.

Users can also set both fixed and adjustable height limits to ensure the crane functions within safe operational parameters.

VARIABLE OUTRIGGER WORKING MODES

The variable outrigger design features five different offsetable angles and three different extensions for each outrigger, allowing the UNIC UM445 to work in tighter, more restricted areas. The working modes around the crane change, depending on the outrigger angles and extensions.



URW-376

(2.9t x 2.5m)

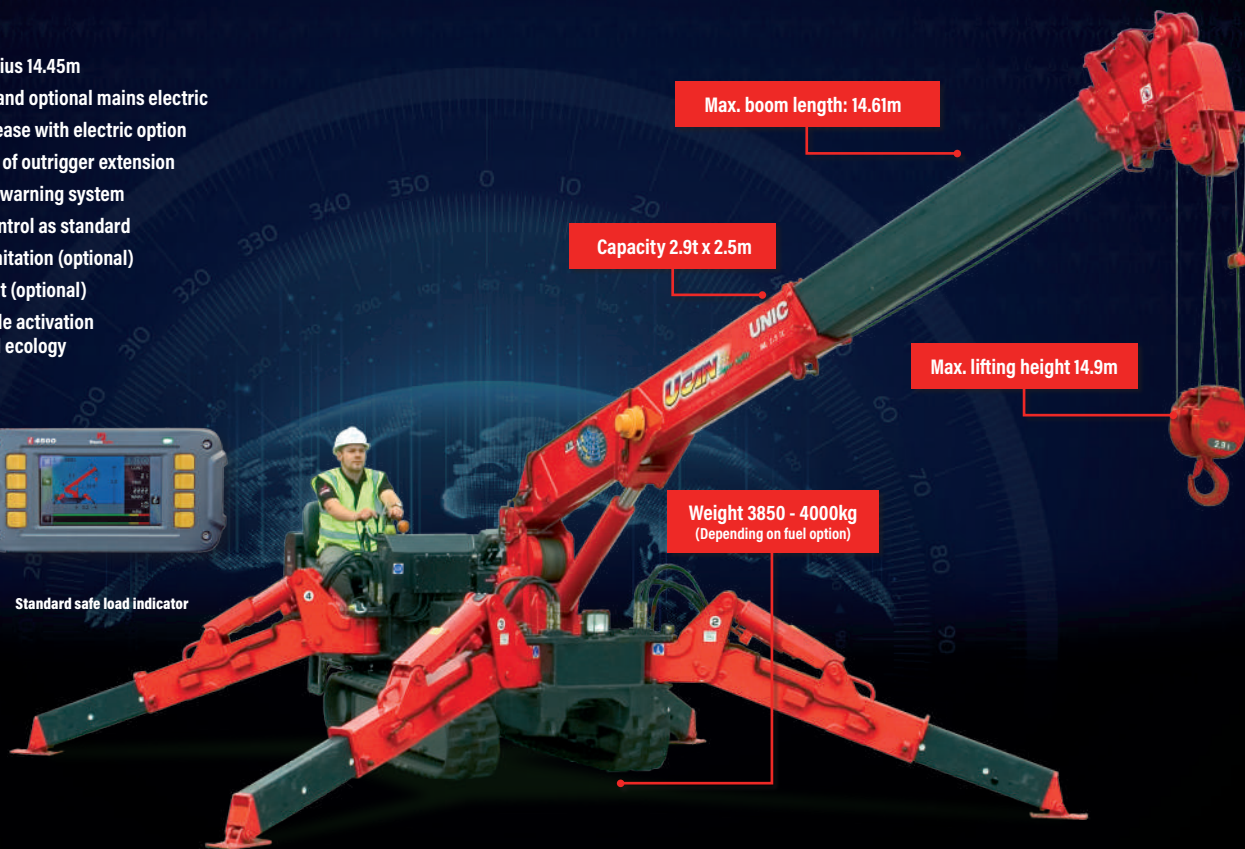
- Total width 1.3m
- Max working radius 14.45m
- Diesel powered and optional mains electric
- Zero length increase with electric option
- Operator control of outrigger extension
- Intelligent voice warning system
- Radio remote control as standard
- Working area limitation (optional)
- Variable footprint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



Standard radio remote control



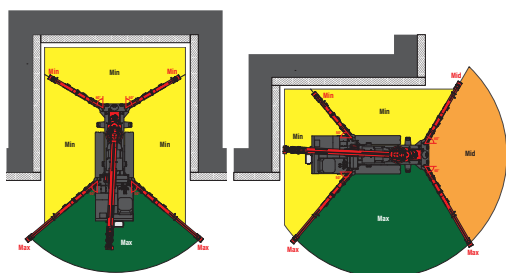
Standard safe load indicator



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 backpack radio remote control with the aid of a full colour 4.3" high-resolution display and six linear levers, giving operators smooth and precise movements.



OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



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 fixed 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:	3.63 - 14.61m
	telescoping speed:	10.98m/23 seconds
	boom type:	6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80°/10 seconds
Slewing angle/speed	approx:	360° (continuous) 2.5 min/rpm
Traction system	drive:	hydrostatic 2-speed, stepless forward and reverse
	travel speed:	0-3 km/h
	gradeability:	± 20° (vertical), 20° (traverse)
	track ground length:	1750mm
	track ground pressure:	36kPa (0.37kg/cm²)
	track width:	300mm
Engine	manufacturer:	Mitsubishi / Yanmar
	fuel:	diesel (electric dual power option)
	maximum output:	18kW (24.5PS) / 2100min rpm
	starting method:	electric
	tank capacity:	40 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	
Optional equipment	1 fall hook block, 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, searcher hook small 500kg, searcher hook 700kg, fly jib 700kg with single part line, data logging, forward facing camera, variable footprint option, working area limitation, backpack radio remote control	

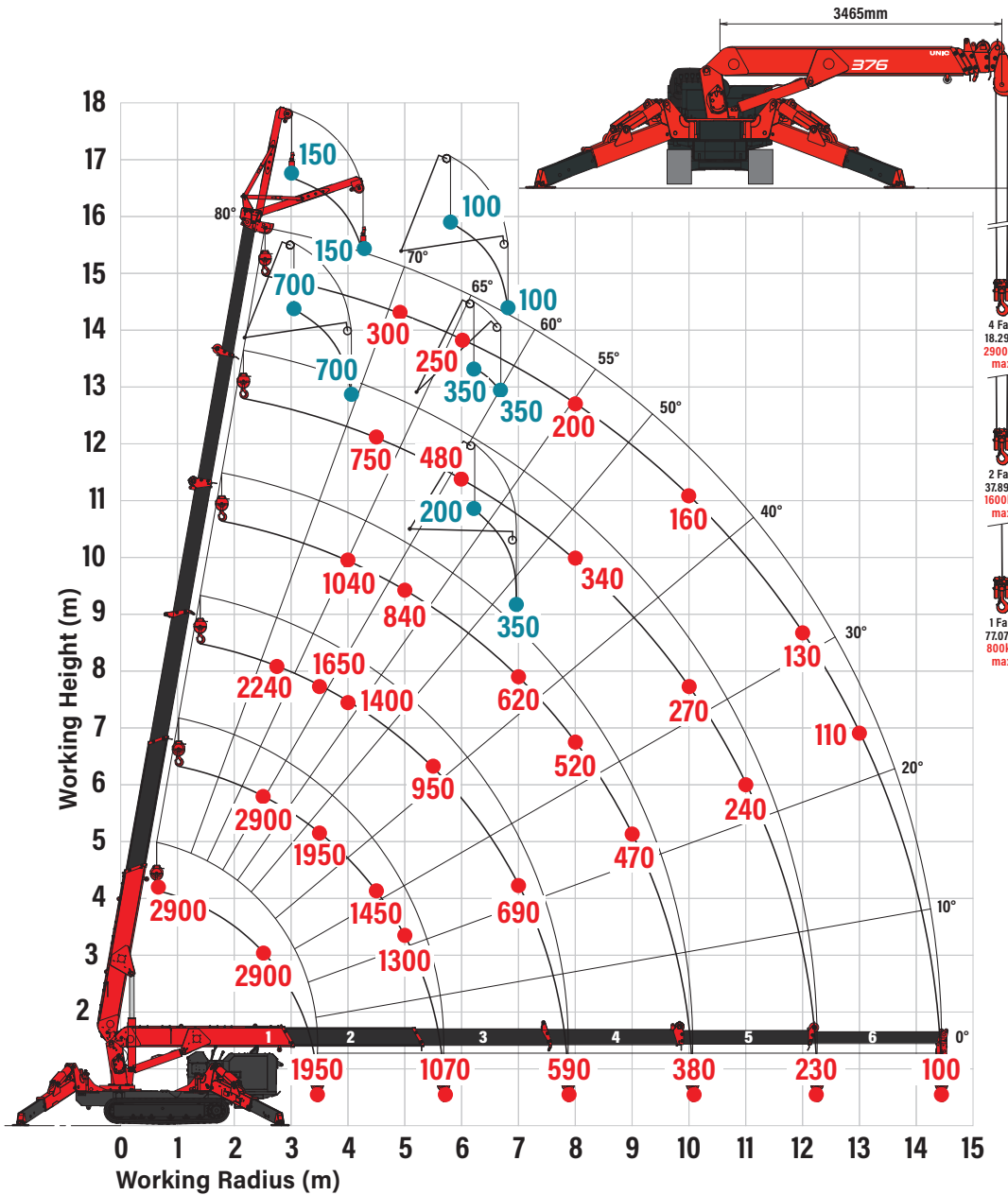
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 500kg



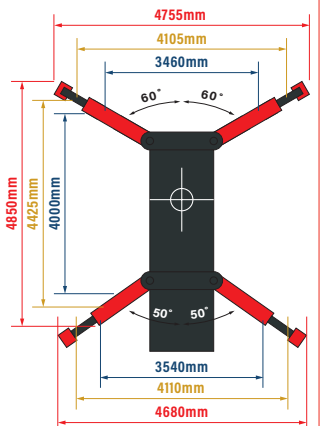
Capacity	500kg
Length	800mm
Weight	20kg
Tilt angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



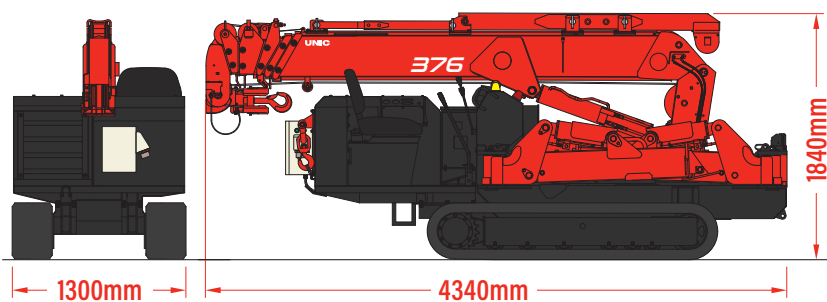
Capacity	700kg
Length	2017mm
Weight	50kg
Tilt angles	0°, 20°, 40°, 60°

OUTRIGGER MIN, MID & MAX



MAX OUTRIGGERS
MID OUTRIGGERS
MIN OUTRIGGERS

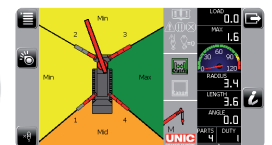
DIMENSIONS



OPTIONS



Optional bellypack radio remote control



Optional variable footprint safe load indicator

URW-546

(4.0t x 2.5m)

- Total width 1.4m
- Max working radius 15.52m
- Tier 4 diesel engine powered 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 (optional)
- Variable footprint (optional)
- Intelligent throttle activation for economy and ecology



Standard radio remote control

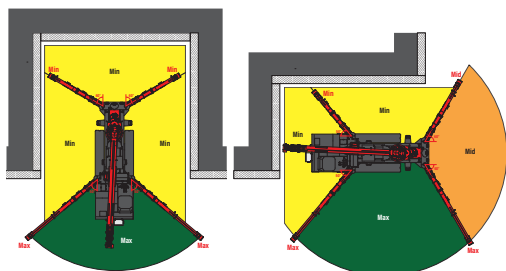


Standard safe load indicator



The URW-546 offers an optimal combination of working flexibility and heavy lifting power. This crane is capable of lifting 4t at 2.5m and features a maximum lifting height of 16m. The URW-546 sees the addition of a clean emissions, tier 4 diesel engine. The URW-546 mini crane can be controlled from the driver's seat or via a radio remote control for precise lifting and placement of loads. At 1.4m wide, the UNIC URW-546 is ideal for passing through internal industrial doorways and working in confined areas where working space may be limited.

OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



CRANE SPECIFICATIONS

Crane capacity	capacity:	4.0t x 2.5m
Max working radius	max:	15.52m
Max lifting height	approx:	16m (17.79m with fly jib, 18.46m with fixed hook)
Rope length	max:	20.52m (4 fall), 42.54m (2 fall), 86.57m (1 fall)
Dimensions	folded:	4870mm (l) x 1400mm (w) x 2035mm (h)
Weight	unladen:	4940kg (5090kg with electric option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	11m/min (with 4 layers and 4 falls)
Telescopic system	boom length: telescoping speed: boom type:	3.93 - 15.71m 11.78m / 35 seconds 6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80°/18.0 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 - 3km/h ± 20° (vertical), 20° (traverse) 1750mm 46.1 kPa (0.47kg/cm²) 300mm
Engine	manufacturer: fuel: maximum output: starting method: tank capacity:	Tier 4 Yanmar diesel 178kW (23.9PS) / 3000min rpm electric 40 litres
Electric dual power option	power: voltage:	75kW 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	
Optional equipment	1 fall hook block, 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, searcher hook small 500kg, searcher hook 700kg, fly jib 700kg with single part line, bellypack radio remote control, data logging, forward facing camera, variable footprint option, working area limitation, bellypack radio remote control	

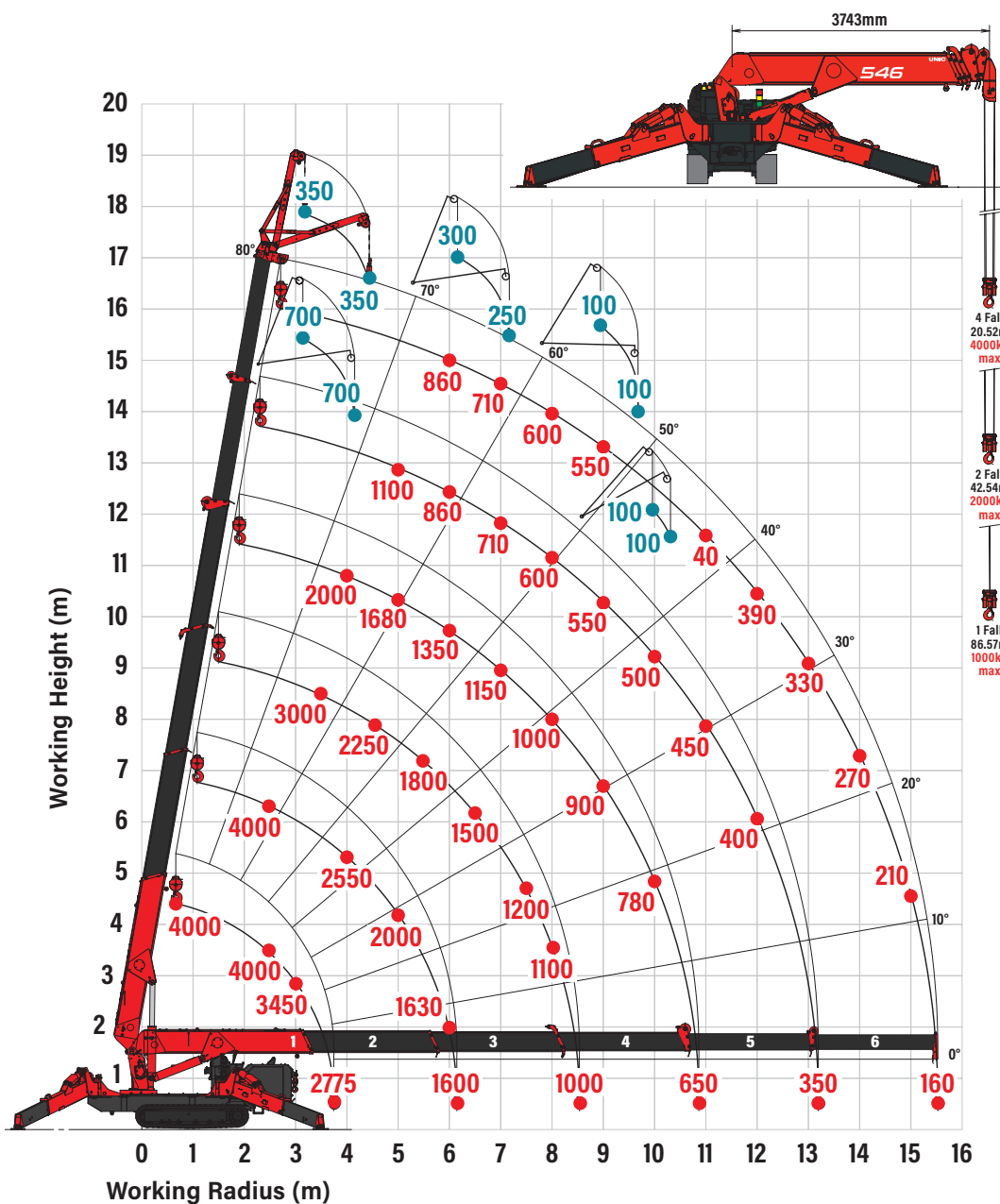
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 500kg



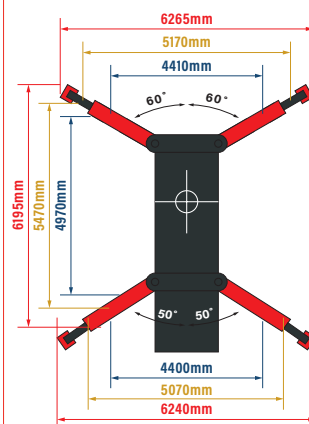
Capacity	500kg
Length	800mm
Weight	20kg
Tilt angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



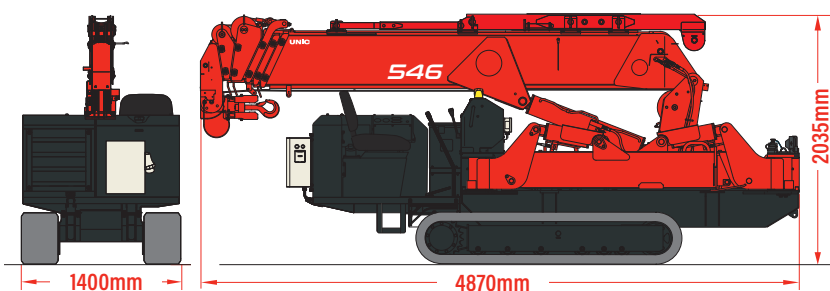
Capacity	700kg
Length	2017mm
Weight	50kg
Tilt angles	0°, 20°, 40°, 60°

OUTRIGGER MIN, MID & MAX



MAX OUTRIGGERS
MID OUTRIGGERS
MIN OUTRIGGERS

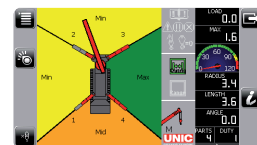
DIMENSIONS



OPTIONS



Optional bellypack radio remote control



Optional variable footprint safe load indicator

URW-546-2

(4.0t x 2.5m)

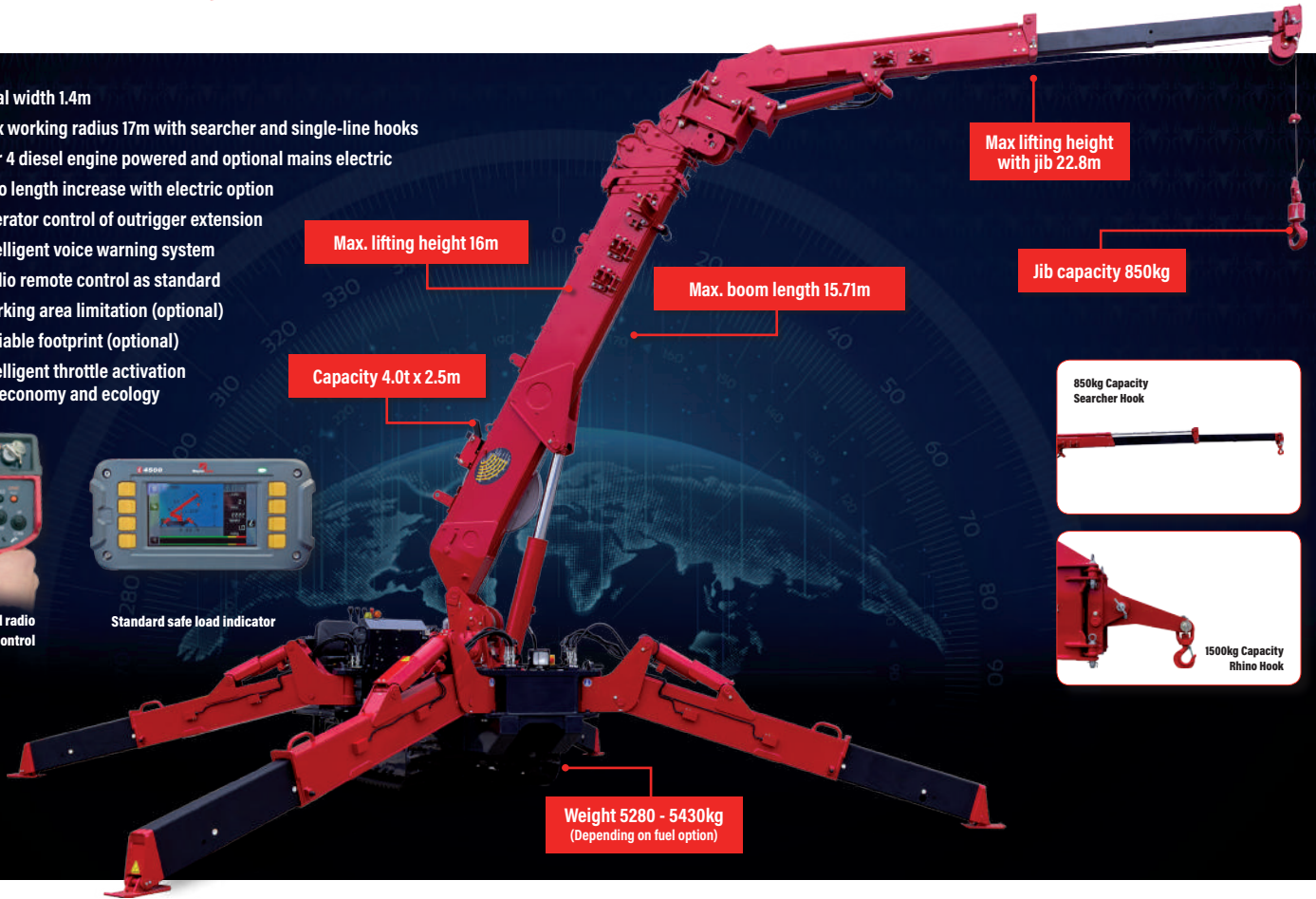
- Total width 1.4m
- Max working radius 17m with searcher and single-line hooks
- Tier 4 diesel engine powered and optional mains electric
- Zero length increase with electric option
- Operator control of outrigger extension
- Intelligent voice warning system
- Radio remote control as standard
- Working area limitation (optional)
- Variable footprint (optional)
- Intelligent throttle activation for economy and ecology



Standard radio remote control



Standard safe load indicator

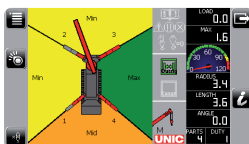


The UNIC URW-546-2 seamlessly combines operational flexibility with robust lifting power, featuring a new hydraulic jib with four hook options – the new model surpasses the standard URW-546 model with an expanded working height of up to 22.8m and an increased working radius of 17m. The URW-546-2 boasts a slim 1.4m width for adept manoeuvrability through internal industrial doorways and operation in confined spaces. Features include an optional upgrade to the variable footprint system, enhancing crane flexibility. The 546-2 seamlessly integrates into the UNIC crane range, maintaining unrivalled performance and reliability while introducing heightened flexibility and usability.

OPTIONS



Optional bellypack radio remote control



Optional variable footprint safe load indicator

CRANE SPECIFICATIONS

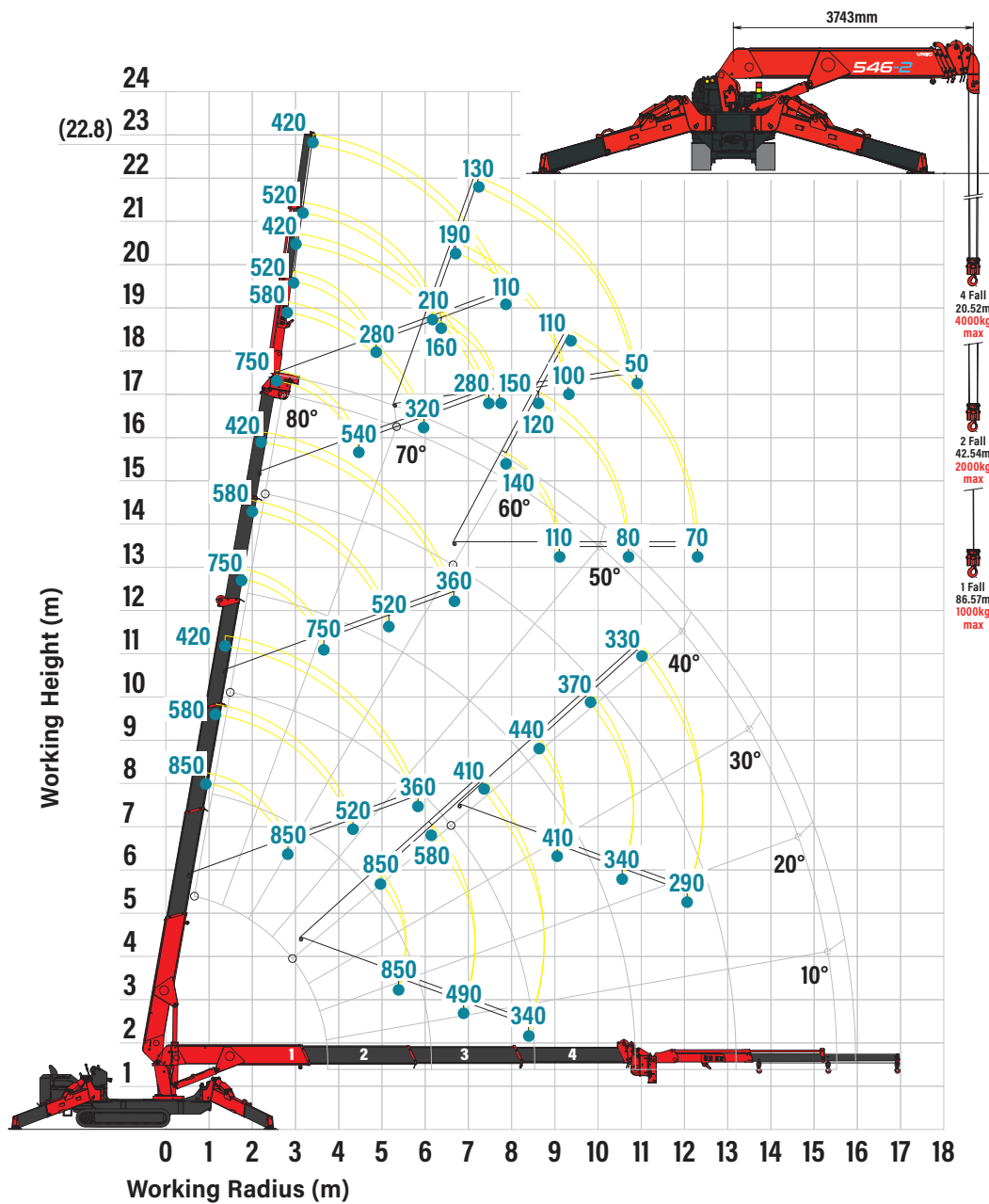
Crane capacity	capacity:	4.0t x 2.5m
Max working radius	max:	15.52m (17m with single line hook, 17m with fixed hook)
Max lifting height	approx:	16m (21.8m with single line hook, 22.8m with fixed hook)
Rope length	max:	20.52m (4 fall), 42.54m (2 fall), 86.57m (1 fall)
Dimensions	folded:	5270mm (l) x 1300mm (w) x 2090mm (h)
Weight	unladen:	5280kg (5430kg with electric option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	11m/min (with 4 layers and 4 falls)
Telescopic system	boom length:	3.93 - 15.71m
	telescoping speed:	11.78m / 35 seconds
	boom type:	6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80° / 18.0 seconds
Slewing angle/speed	approx:	360° (continuous) 2.5min rpm
Traction system	drive:	hydrostatic 2-speed, stepless forward and reverse
	travel speed:	0 - 3km/h
	gradeability:	± 20° (vertical), 20° (traverse)
	track ground length:	1750mm
	track ground pressure:	46.1 kPa (0.47kg/cm²)
Engine	track width:	300mm
	manufacturer:	Tier 4 Yanmar
	fuel:	diesel
	maximum output:	178kW (23.9PS) / 3000min rpm
	starting method:	electric
Electric dual power option	tank capacity:	40 litres
	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, 850kg capacity single-line hook, 850kg capacity searcher hook, 850kg capacity stub, 1500kg capacity rhino hook	
Optional equipment	2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, data logging, forward facing camera, variable footprint option, working area limitation, bellypack radio remote control	

WITH HYDRAULIC JIB

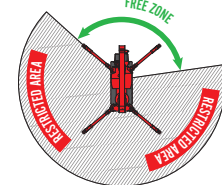
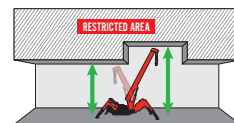
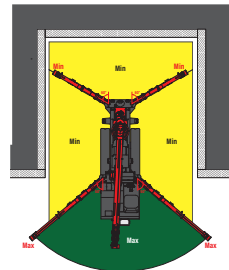


CRANES EUROPE

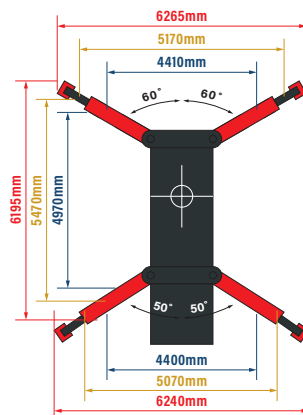
HYDRAULIC JIB RATED LOADS (kg) & HOOK FALLS



OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



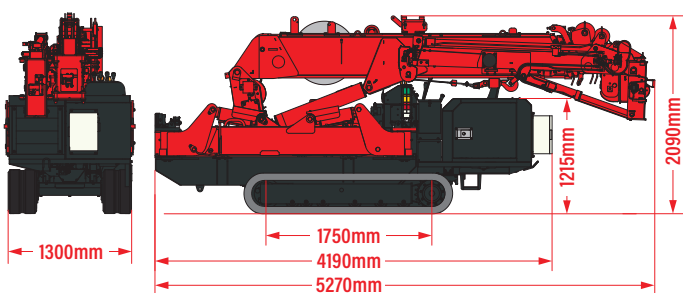
**OUTRIGGER MIN,
MID & MAX**



MAX OUTRIGGERS

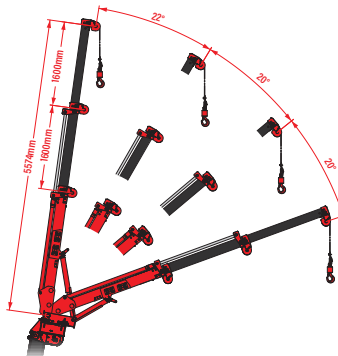
MID OUTRIGGERS **MIN OUTRIGGERS**

DIMENSIONS

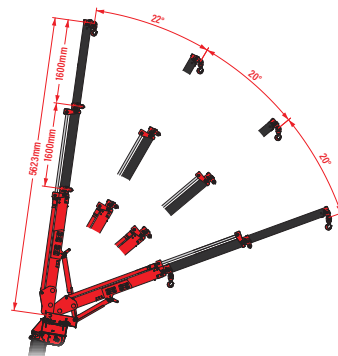


HYDRAULIC JIB DIMENSIONS

Maximum Load - 850kg



Maximum Load - 850kg



URW-547

(4.0t x 2.5m)

- Total width 1.4m
- Max working radius 17.83m
- Diesel powered 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 (optional)
- Variable footprint (optional)
- Intelligent throttle activation for economy and ecology



Standard radio remote control



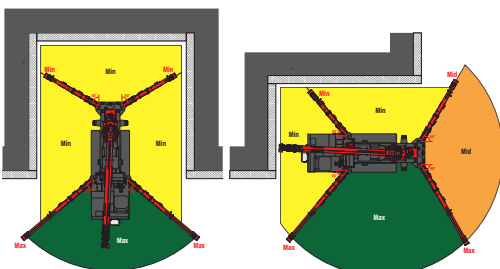
Standard safe load indicator



The URW-547 offers extended reach, providing a maximum lifting height of 18.2 metres and a maximum lifting capacity of 4 tonnes as standard on the main boom. The outrigger footprint remains the same as the URW-546, maintaining its compact dimensions. An option of additional length is given with a quickly installed searcher hook, with angles varying for 0° to 60° and a maximum capacity of 500kgs.



OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



CRANE SPECIFICATIONS

Crane capacity	capacity:	4.0t x 2.5m
Max working radius	max:	17.83m
Max lifting height	approx:	18.2m
Rope length	max:	22.32m (4 fall), 46.13m (2 fall), 93.76m (1 fall)
Dimensions	folded:	4955mm (l) x 1400mm (w) x 1980mm (h)
Weight	unladen:	5010kg (5160kg with electric option)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	14m/min (with 5 layers and 4 falls)
Telescopic system	boom length:	3.99 - 18.02m
	telescoping speed:	14.03m/35 seconds
	boom type:	7 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80° / 18.0 seconds
Slewing angle/speed	approx:	360° (continuous) 2.5min rpm
Traction system	drive:	hydrostatic 2-speed, stepless forward and reverse
	travel speed:	0 - 3km/h
	gradeability:	± 20° (vertical) 20° (traverse)
	track ground length:	1750mm
	track ground pressure:	47kPa (0.48kg/cm ²)
	track width:	300mm
Engine	manufacturer:	Mitsubishi / Yanmar
	fuel:	diesel (electric dual power option)
	maximum output:	175kW (23.8PS) / 2100min rpm
	starting method:	electric
	tank capacity:	40 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	
Optional equipment	1 fall hook block, 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, searcher hook small 500kg, data logging, forward facing camera, variable footprint option, working area limitation, backpack radio remote control	

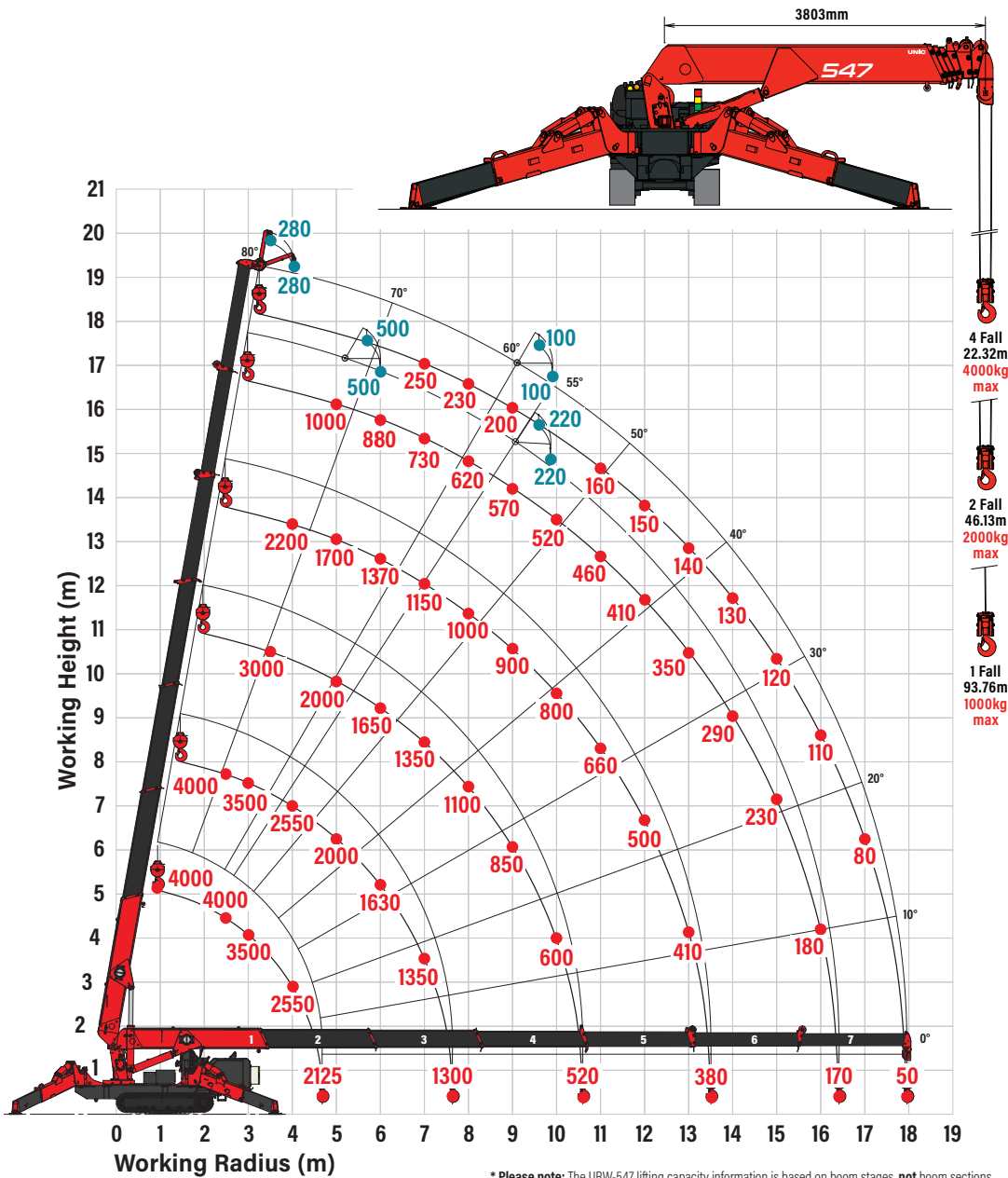
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

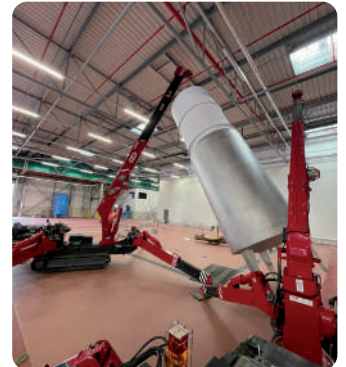
RATED LOADS (kg) & HOOK FALLS



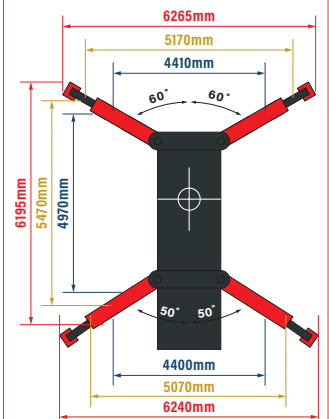
SEARCHER HOOK - 500kg



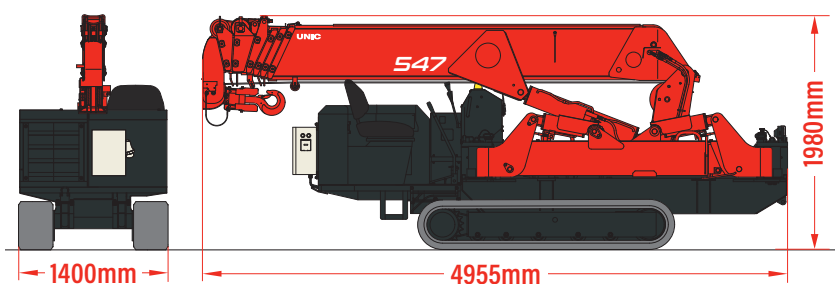
Capacity	500kg
Length	800mm
Weight	20kg
Tilt angles	0°, 20°, 40°, 60°



OUTRIGGER MIN, MID & MAX



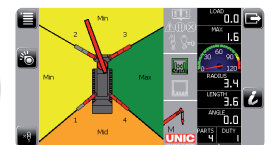
DIMENSIONS



OPTIONS



Optional bellypack radio remote control



Optional variable footprint safe load indicator

URW-806

(8.0t x 1.7m) / (6.0t x 3.0m)

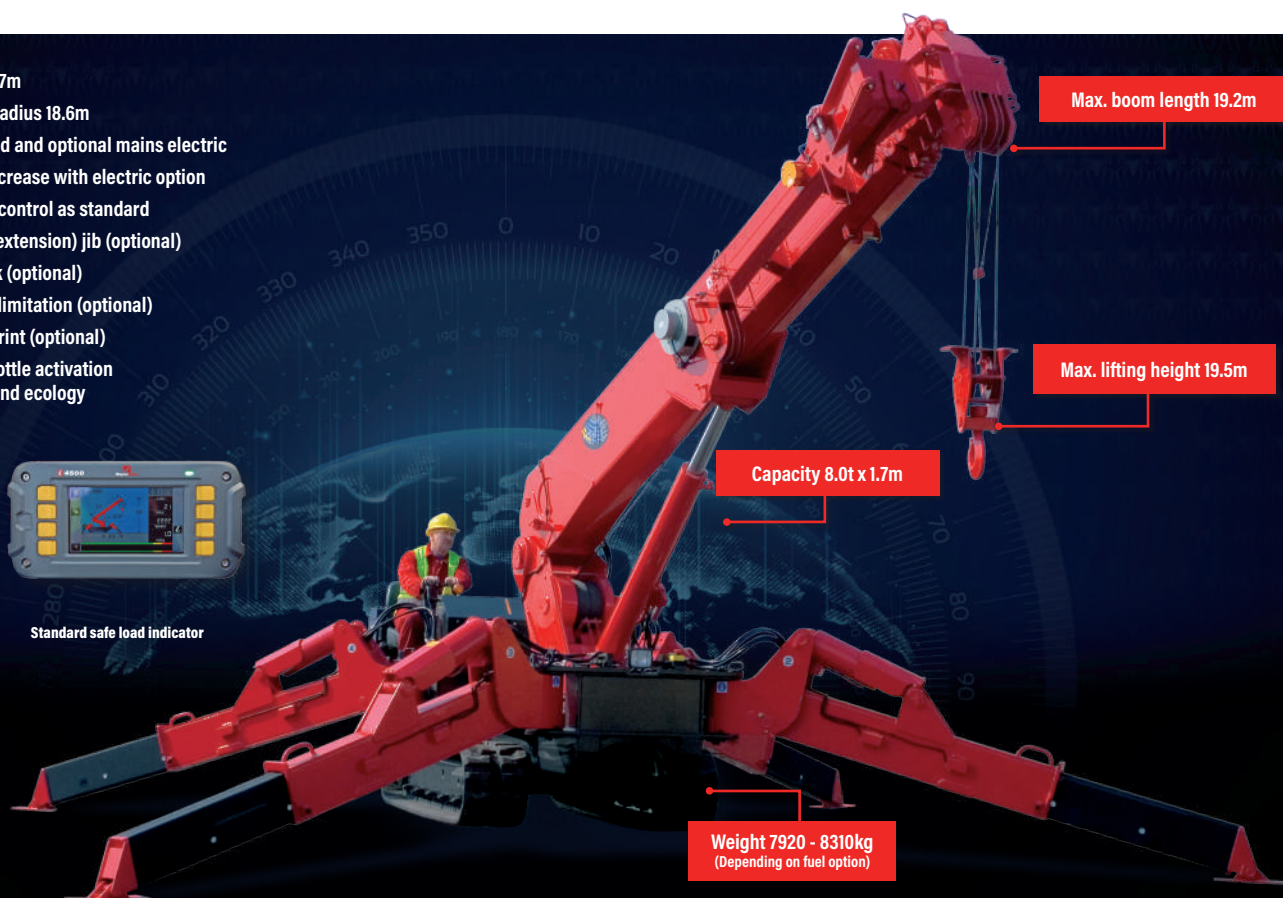
- Total width 1.67m
- Max working radius 18.6m
- Diesel powered and optional mains electric
- Zero length increase with electric option
- Radio remote control as standard
- Stowable fly (extension) jib (optional)
- Searcher hook (optional)
- Working area limitation (optional)
- Variable footprint (optional)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



Standard radio remote control



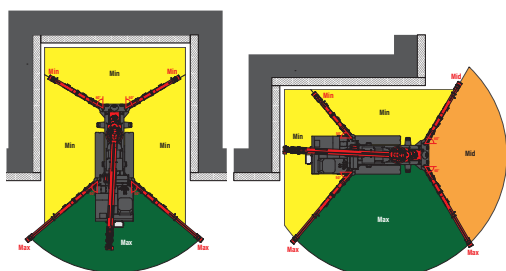
Standard safe load indicator



The URW-806 is a lifting heavyweight in the mini crane world. With an 8 tonne capacity at 1.7m and a hook height of 19.5m it is one of the highest capacity UNIC cranes in the range, yet at 1670mm wide it is still narrow enough to gain access through an industrial double doorway. For added lifting flexibility the URW-806 also features an optional searcher hook and a 3.1m long swing away fly jib, providing a maximum hook height of 22.7m.



OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



CRANE SPECIFICATIONS

Crane capacity	capacity:	8.0t x 1.7m
Max working radius	max:	18.6m
Max lifting height	approx:	19.5m (22.7m with second stage manual fly jib)
Rope length	max:	177m (6 fall), 23.75m (4 fall), 49.5m (2 fall), 101m (1 fall)
Dimensions	folded:	5610mm (l) x 1670mm (w) x 2185mm (h)
Weight	unladen:	7920kg (8080kg with electric option) (8310kg with searcher hook and fly jib attached)
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	11m/min (with 5 layers and 6 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:	43.6kPa (0.44kg/cm²)
	track width:	400mm
Engine	manufacturer:	Mitsubishi
	fuel:	diesel (electric dual power option)
	maximum output:	23.5kW (32.0PS) / 2500min rpm
	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	
Optional equipment	1 fall hook block, 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, searcher hook 800kg, fly jib 800kg with single part line, backpack radio remote control, data logging, forward facing camera, variable footprint option, working area limitation, backpack radio remote control	

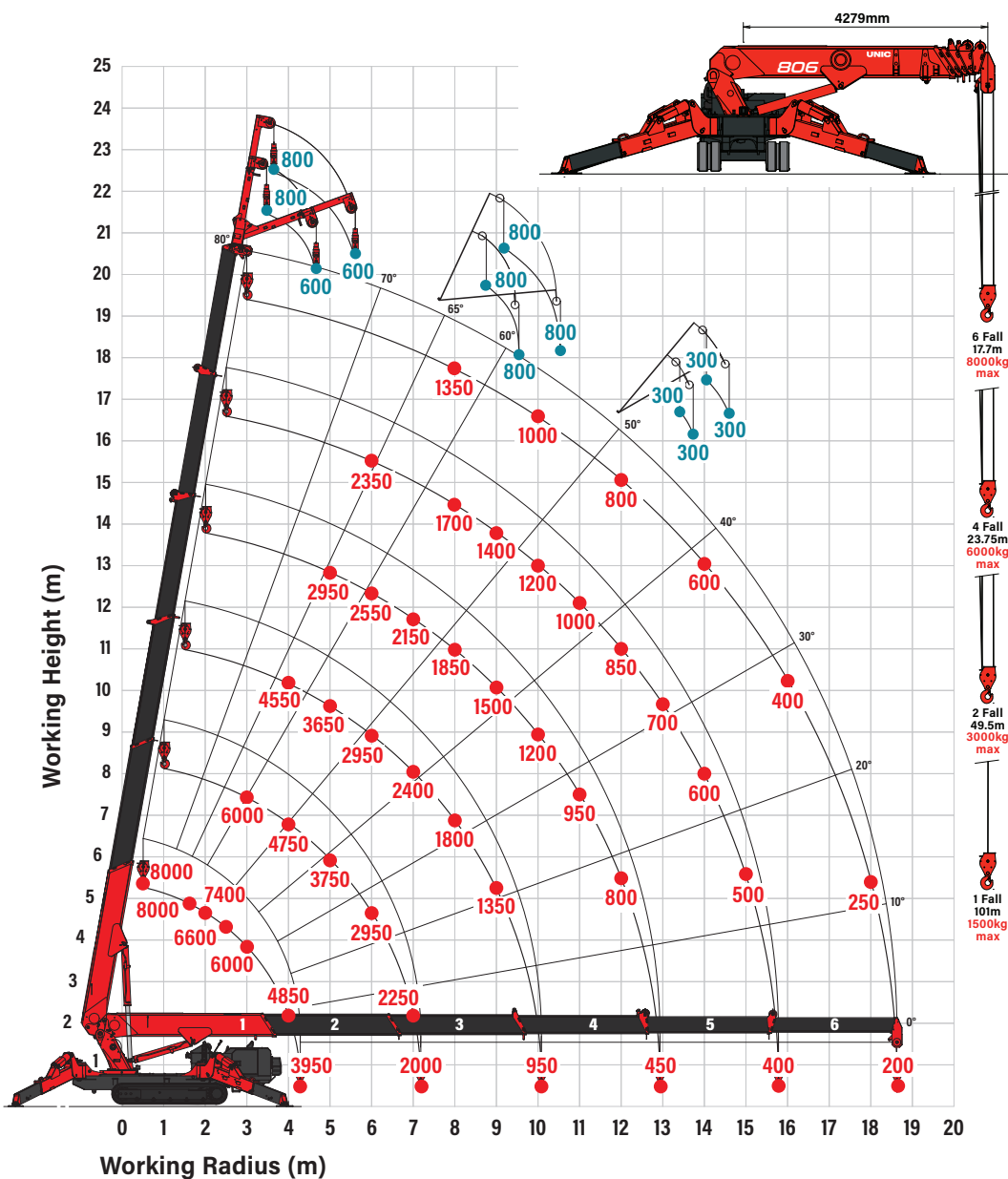
MINI SPIDER CRANE



Spec Sheet

UNIC
CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK - 800kg



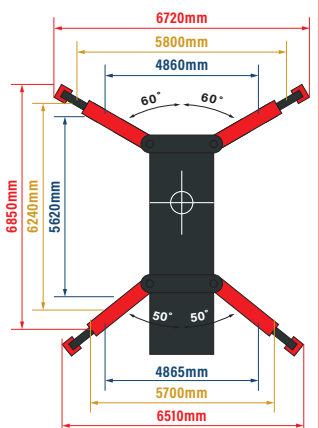
Capacity 800kg
Length 2.21m
Tilt angles 0°, 20°, 40°, 60°

FLY JIB - 800kg



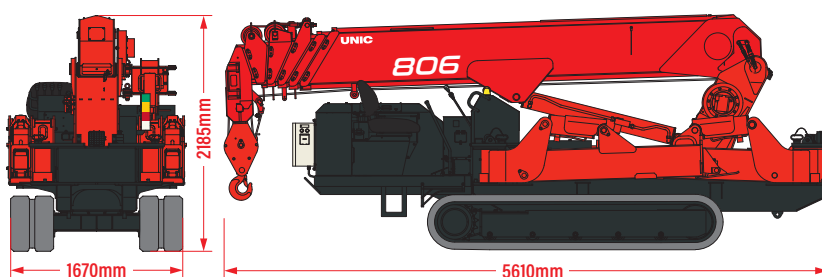
Capacity 800kg
Length 2.1-3.1m
Tilt angles 0°, 20°, 40°, 60°

OUTRIGGER MIN, MID & MAX



MAX OUTRIGGERS
MID OUTRIGGERS
MIN OUTRIGGERS

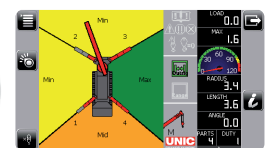
DIMENSIONS



OPTIONS



Optional bellypack radio remote control



Optional variable footprint safe load indicator

URW-806-3

(8.0t x 1.7m) / (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



Standard safe load indicator



Optional variable footprint safe load indicator

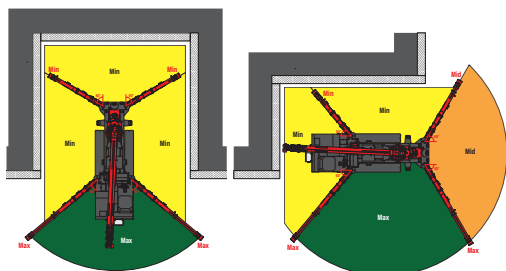


Optional bellypack radio remote control



With the ability to lift up to 8 tonnes, the URW 806-3 is able to lift to a maximum hook height of 27.8 metres, an extra 5 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-806-3 can be controlled from the operators driving seat or by a fully functional radio remote control for precise placement of loads. The optional Bellypack radio remote control also offers operators unrivalled control and precision.

OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



CRANE SPECIFICATIONS

Crane capacity	capacity:	8.0t x 1.7m
Max working radius	max:	18.6m (21m with hydraulic fly jib)
Max lifting height	approx:	19.5m (25.2m with hydraulic fly jib, 27.8m with fixed hook)
Rope length	max:	17.7m (6 fall), 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 6 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/cm²)
	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, 1000kg capacity hydraulic fly jib	
Optional equipment	2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, data logging, forward facing camera, variable footprint option, working area limitation, bellypack radio remote control	

MINI SPIDER CRANE

WITH HYDRAULIC JIB

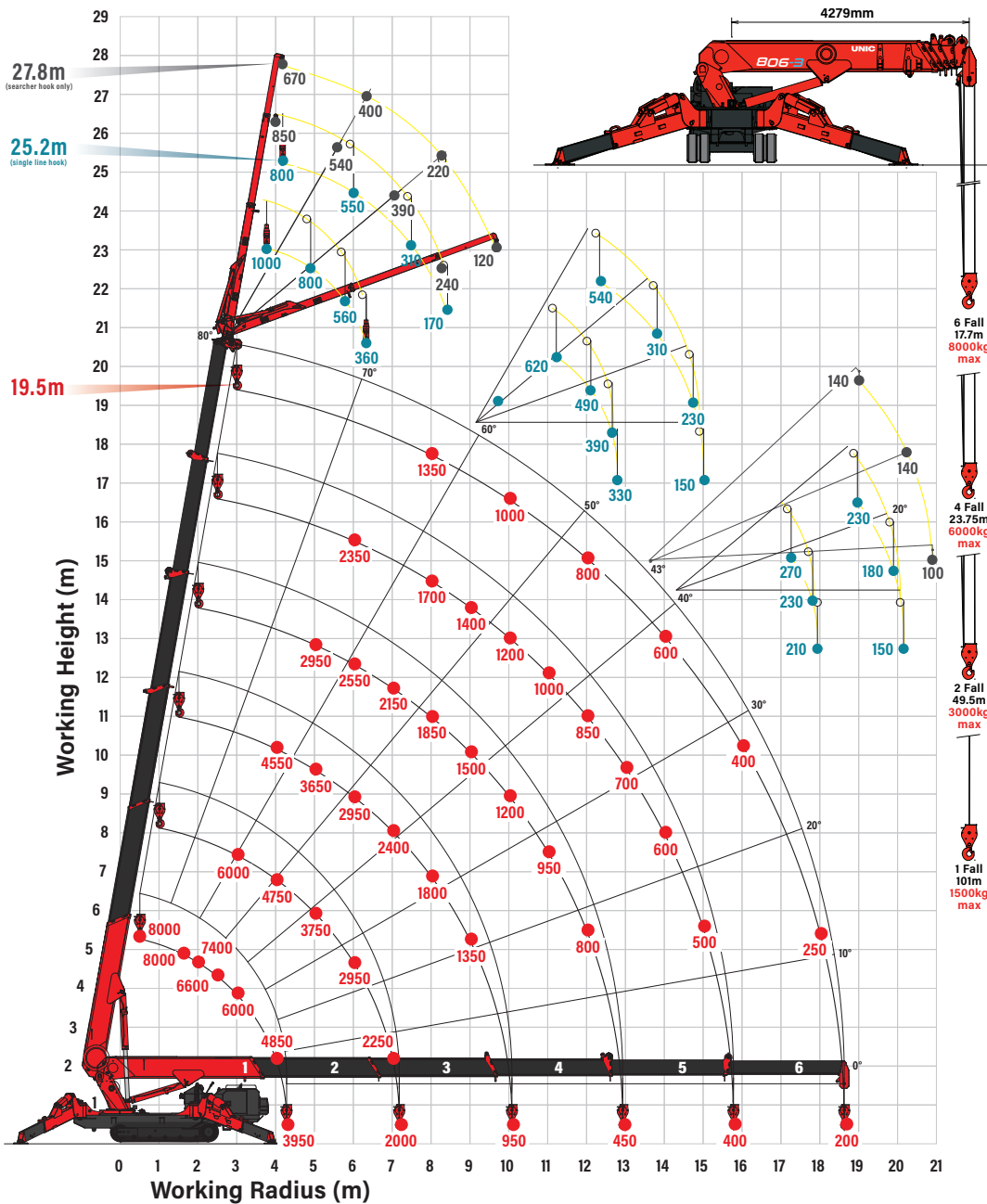


Spec Sheet

UNIC

CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS

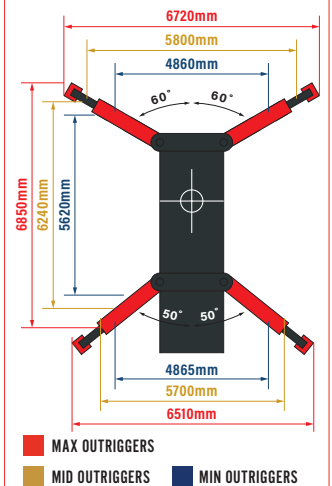


HYDRAULIC JIB

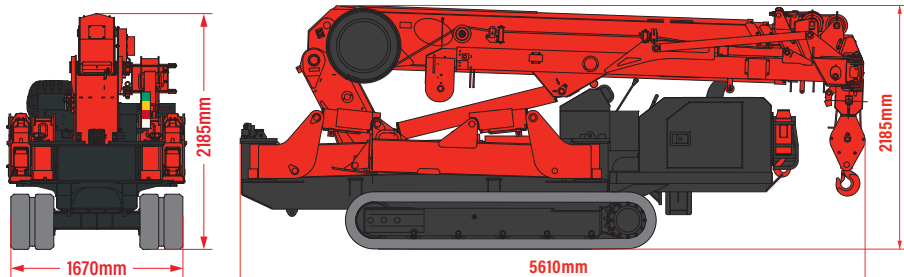
Capacity	1000kg (single line) 850kg (searcher hook)
Length	6.0m (single line) 750m (searcher hook)
Weight	530kg
Tilt angles	0°, 20°, 40°, 60°



OUTRIGGER MIN, MID & MAX



DIMENSIONS



URW-1006⁺

(10.0t x 3.0m)

- Total width 2.0m
- Max. working radius 21.0m (24.3m with fly jib)
- Max working height 22.8m (30.7m with fly jib)
- Diesel powered and optional integrated mains electric
- Zero length increase with electric option
- Radio remote control with feedback display as standard
- Working area limitation (optional)
- High resolution colour SLI display
- Stowable hydraulic fly jib
- Slew limitation (optional)
- Intelligent throttle activation for economy and ecology

Max. boom length: 23.1m

Capacity 10.0t x 3.0m

Max lifting height 22.8m
(30.7m with extension jib)

Weight 14000 kg



Optional variable footprint
safe load indicator

The UNIC URW-1006+ offers an unrivalled 10 tonnes of lifting power, making it the world's largest capacity mini spider crane.

Boasting up to 30.7 metres of lifting height and a 24.3 metre working radius, This 10 tonne spider crane features a newly revised load chart and has a unique pick and carry function, which enables it to travel with loads up to 1.5 tonnes.

The UNIC URW-1006+ outriggers can be configured to provide maximum stability when lifting on uneven surfaces thanks to their full interlocking safety system. Furthermore, an innovative safe load indicator with a high resolution, colour LCD display acts as an integrated safety feature to prevent the crane operating outside of its safe working range, for complete peace of mind.

This model includes a radio remote control with feedback, displaying all of the information that can be seen on the main SLI display, including safe working load, actual load, radius and boom length. In addition to this newly introduced innovation, a forward-facing camera displayed on the safe load indicator screen is now available as an optional extra to improve visibility while driving.

As with all the cranes available in the UNIC mini spider crane range, an excellent after care service is provided with any purchase. Our technical team offer maintenance, repairs, servicing and testing.



RADIO REMOTE CONTROL WITH FEEDBACK DISPLAY



Radio remote control
with digital feedback



Shockless damping system for smooth stop
when operated via remote control

MINI SPIDER CRANE

WITH HYDRAULIC JIB

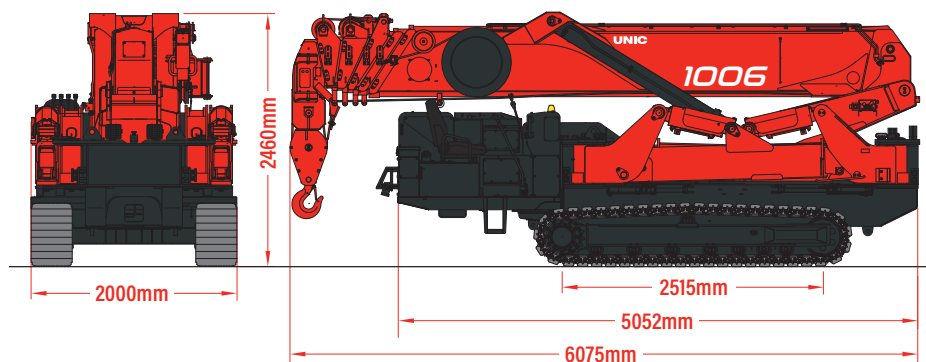


Spec Sheet

UNIC

CRANES EUROPE

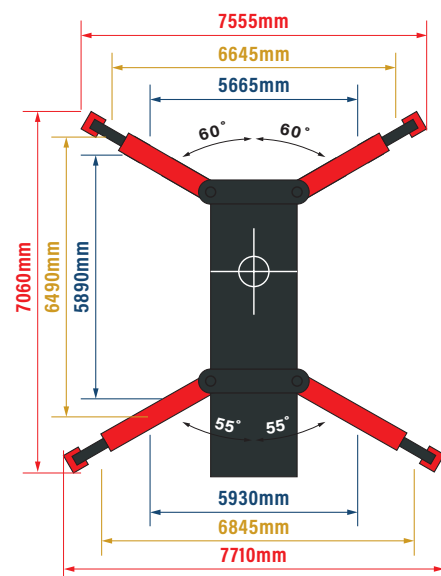
DIMENSIONS



Standard high resolution colour SLI



Engine information screen



■ MAX OUTRIGGERS ■ MID OUTRIGGERS ■ MIN OUTRIGGERS

CRANE SPECIFICATIONS

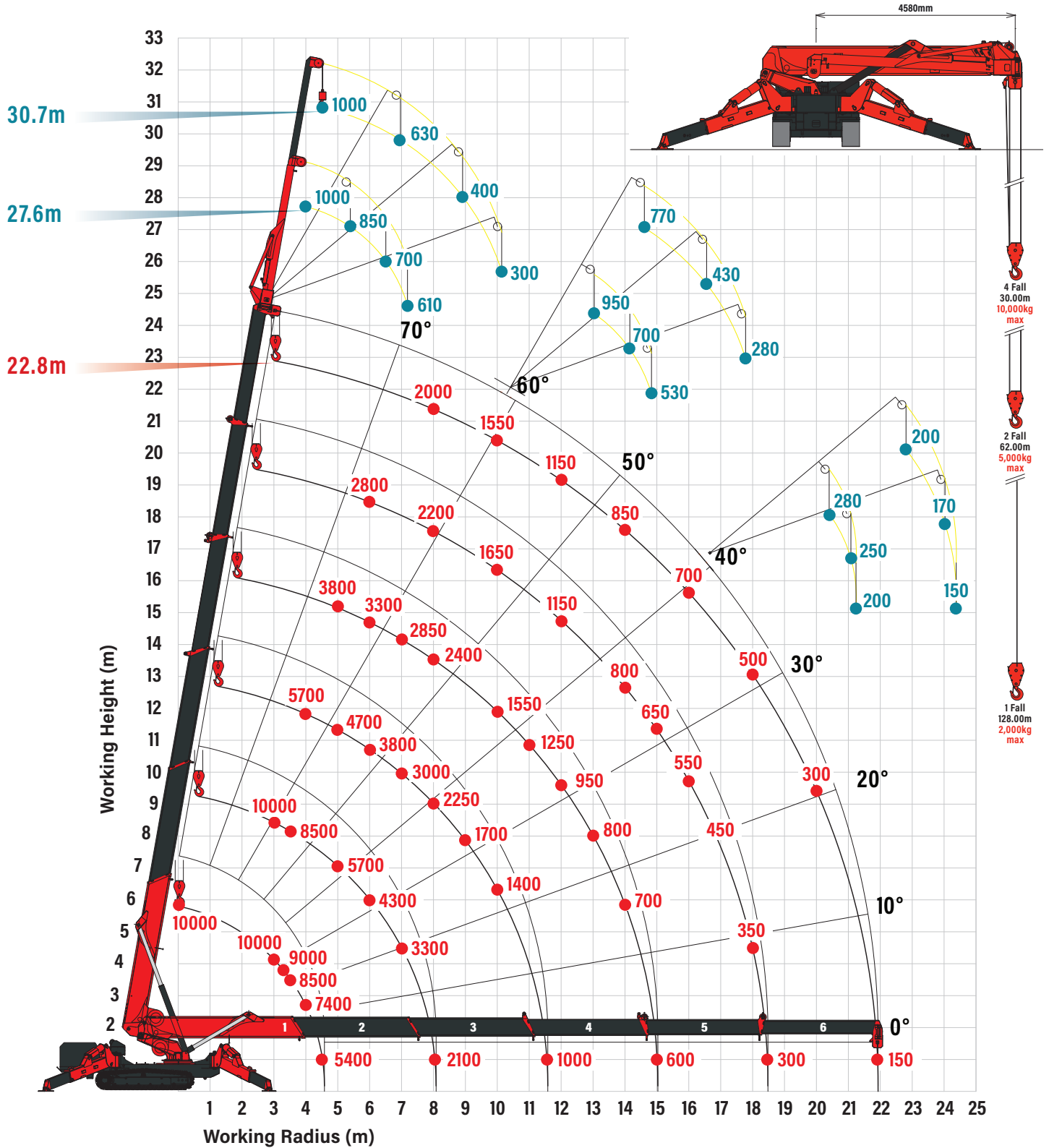
Crane capacity	capacity:	10.0t x 3.0m
Max working radius	max:	21.9m (24.3m with fly jib)
Max lifting height	approx:	22.8m 276m with first stage fly jib 30.7m with second stage fly jib
Rope length	max:	30m (4 fall), 62m (2 fall), 128m (1 fall)
Dimensions	folded:	6075mm (l) x 2000mm (b) x 2460mm (h)
Weight	approx:	14000kg including electric pack and hydraulic fly jib
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	10 - (16) m/min at 4th layer with 4-part line
Telescopic system	boom length: telescoping speed: boom type:	5.75 - 23.10m 1735m/88 seconds 6 section hydraulically telescoping boom, hexagonal box construction
Derricking angle/speed	approx:	0 - 80° / 44.0 seconds
Slewing angle/speed	approx:	360° (continuous) 1.3min rpm
Hydraulic outriggers	position: vertical: horizontal:	A double acting hydraulic cylinder with link system A double acting hydraulic cylinder, direct pushing type connected with hydraulic locking device A double acting hydraulic cylinder, direct pushing type connected with hydraulic locking device
Traction system	drive: travel speed: gradeability: track ground length: track ground pressure: track width:	hydrostatic 2-speed, stepless forward and reverse 0 - 2.6km/h ±20° (vertical) 20° (traverse) 2515mm 68.2kPa (0.70kg/cm²) 400mm (city pad rubber on steel)
Engine	manufacturer: fuel: rated output: starting method: tank capacity:	Kubota Stage V diesel (electric dual power option) 31.2kW (42.42PS) / 2200min rpm electric 83 litres
Electric motor	power: voltage:	11kW 400v AC 50/60hz
Standard equipment	computer controlled moment limiter (safe load indicator) with high resolution colour display, overwinding alarm, computer controlled intelligent voice warning system, intelligent throttle activation, automatic hook stow, overload warning alarms and lamps, 1000kg capacity hydraulic fly jib with single part line	
Optional equipment	2 fall hook block, mains electric dual power (400v), slew limitation, data logging, forward facing camera, variable footprint option, working area limitation, slew limitation	



URW-1006⁺

(10.0t x 3.0m)

RATED LOADS (kg) & HOOK FALLS



MINI SPIDER CRANE

WITH HYDRAULIC JIB



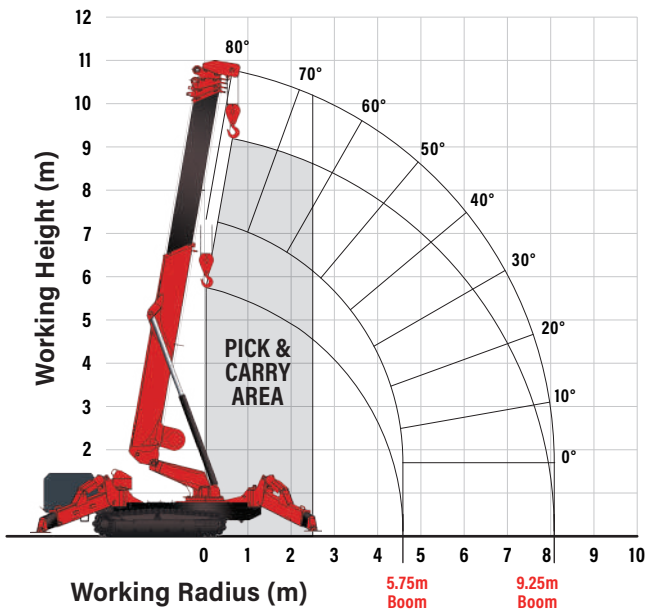
Spec Sheet

UNIC
CRANES EUROPE

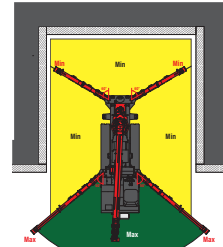
PICK & CARRY WORKING RANGE

OUTRIGGERS EXTENDED

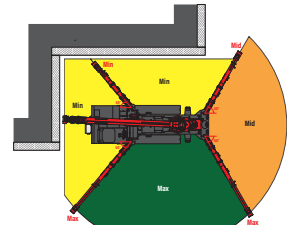
Lifting Capacity 1,500kg
Working Radius 2.5m
Boom Length Boom 1 and 1+2 only



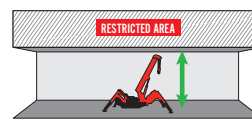
OPTIONAL VARIABLE FOOTPRINT INCLUDING SLEW & HEIGHT LIMITATION



Height Limitation



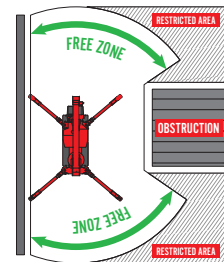
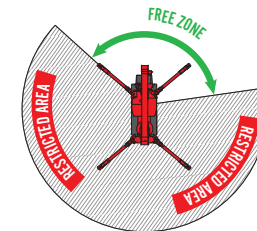
Variable Height Limitation



Slew Limitation



Variable Slew Limitation



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



Capacity 0.98t x 6.44m

Max. boom length 12.42m

Max. lifting height 21.17m

Weight 8650kg



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

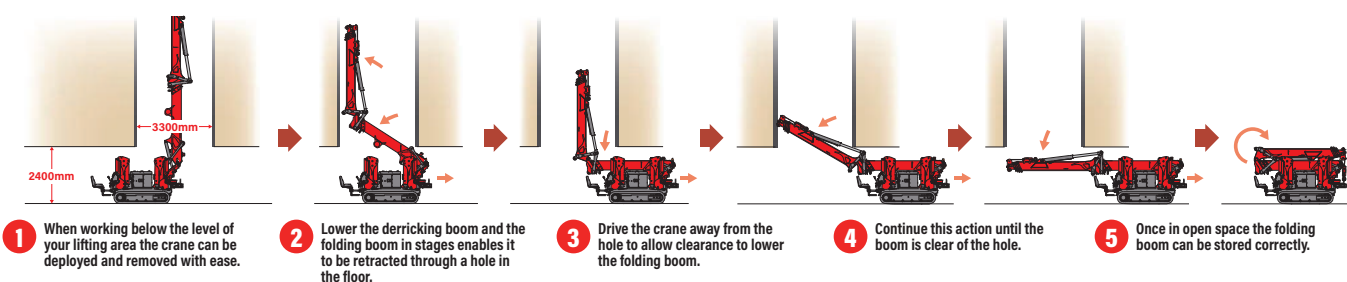


Radio remote control



High resolution colour SLI

UNIQUE WORKING FEATURE OF THE CUBE CRANE



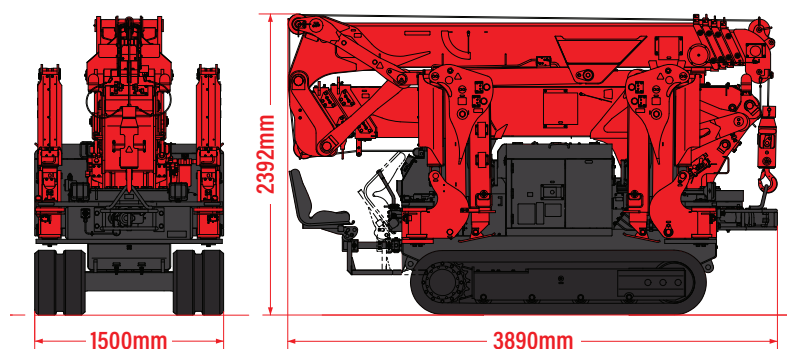
COMPACT CUBE CRANE



Spec Sheet

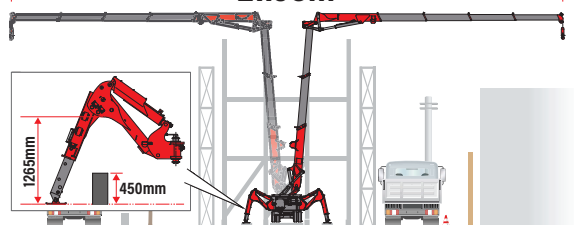
UNIC
CRANES EUROPE

DIMENSIONS

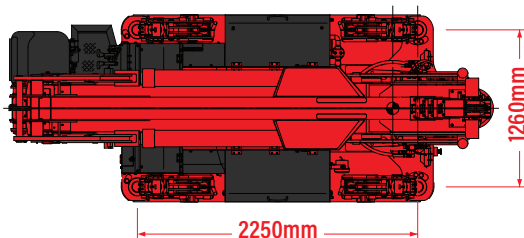


Maximum Working Reach

27.98m



High resolution colour SLI



CRANE SPECIFICATIONS

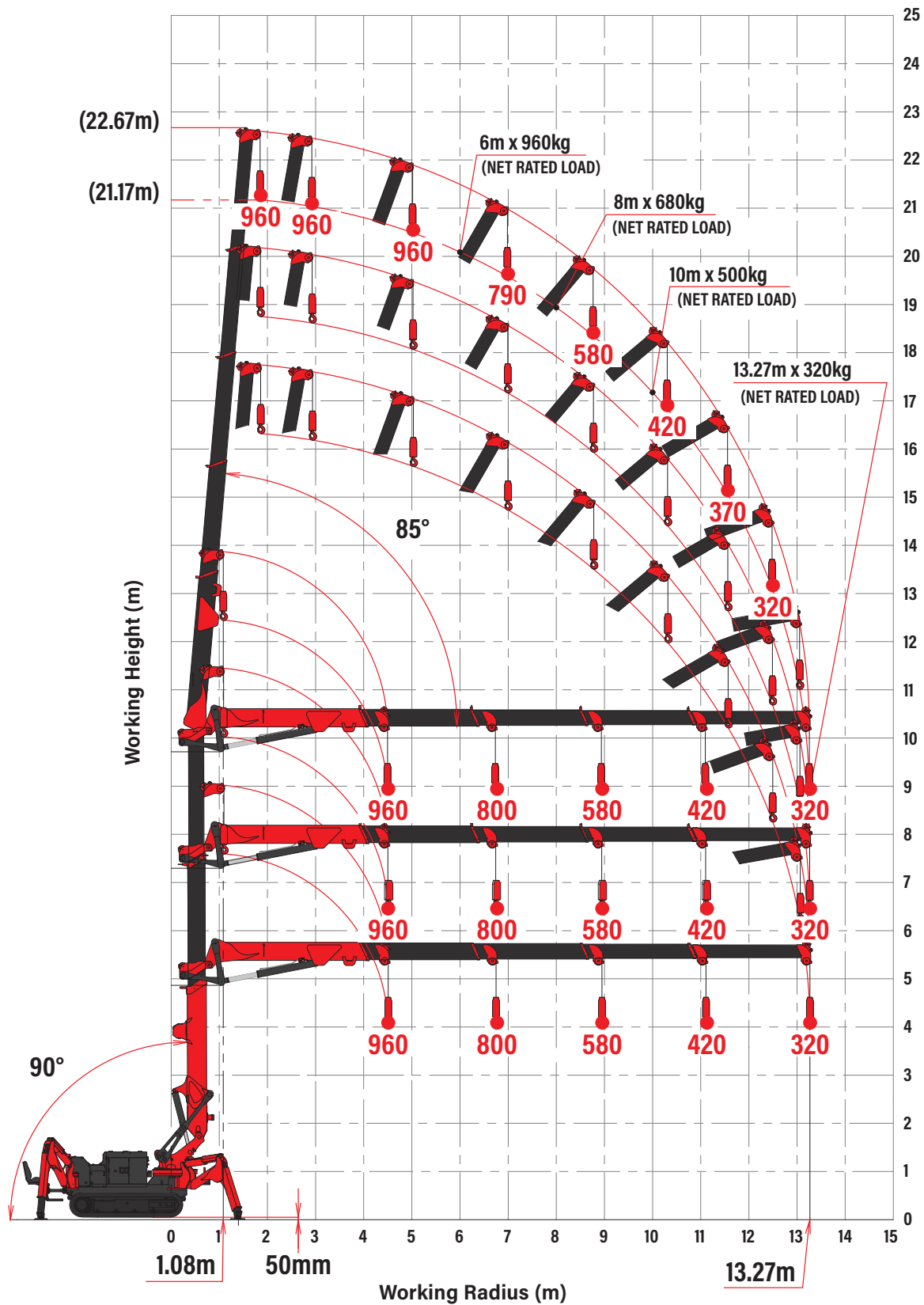
Crane capacity	max:	0.98t x 6.44m
Max working radius	max:	13.99m
Max lifting height	approx:	21.17m
Rope length	rope:	8mm x 44m
Dimensions	folded:	3890mm (l) x 1500mm (w) x 2392mm (h)
Weight	unladen:	8650kg
Point loadings	Due to the many variables involved, point loadings are only available on request	
Hook speed	approx:	38.4 (53.8)m/min at 4th layer
Telescopic system	boom length:	3.66 - 12.42m
	telescoping speed:	8.76m/23 seconds
	boom type:	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:	hydrostatic 2-speed, stepless forward and reverse
	travel speed:	0 - 2.5km/h
	gradeability:	± 15° (vertical) 15° (traverse)
	track ground length:	1840mm
	track ground pressure:	56.6kPa(0.58kg/cm ²)
Engine	track width:	400mm
	manufacturer:	Kubota
	fuel:	diesel (electric dual power option)
	maximum output:	18.5kW/2200rpm
	starting method:	electric
Electric motor	tank capacity:	65 litres
	power:	75kW
Standard equipment	voltage:	400v AC 50/60hz
	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 90°



COMPACT CUBE CRANE

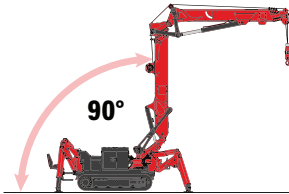


Spec Sheet

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URW-7035 NET RATED LOADS

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

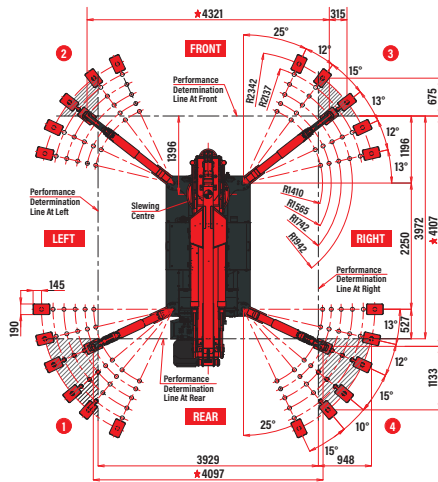
Working radius	m	up to 3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	10.0	11.1
Outrigger													
Max-extended	kg	960	960	960	960	960	960	790	680	580	500	420	320
Mid-extended	kg	960	960	960	960	850	680	560	460	380	320	280	210
Min-extended	kg	960	960	720	530	390	310	240	190	160	140	120	-

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

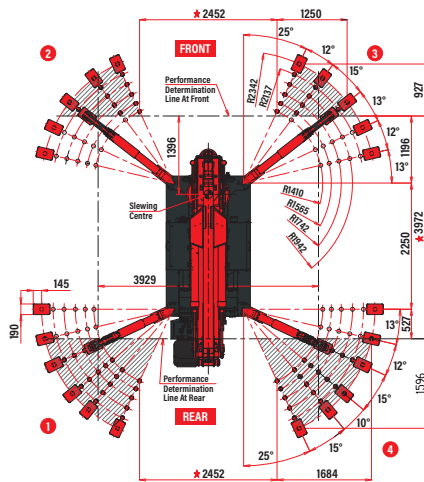
Working radius	m	up to 3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.27
Outrigger												
Max-extended	kg	960	960	960	960	790	680	580	500	420	370	320
Mid-extended	kg	960	960	800	680	560	460	380	320	280	240	210
Min-extended	kg	960	720	530	390	310	240	190	160	140	120	-

OUTRIGGER POSITIONS

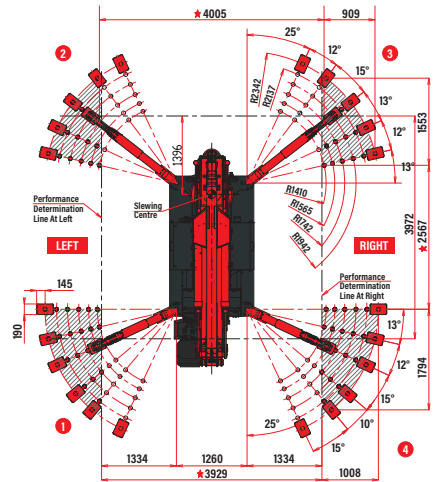
Maximum Performance At All Circumference



Maximum Performance At Front & Rear



Maximum Performance At Right & Left Sides

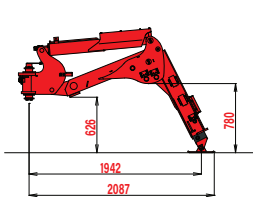
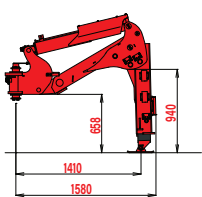


Note: Outriggers must be extended to shaded area to accomplish maximum performance. ★ is the minimum extension when the crane can be at maximum performance

Outrigger Dimensions - Inner Box 1

Outer Box Small Angle

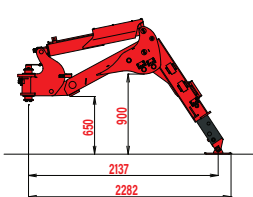
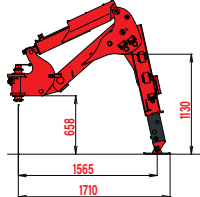
Outer Box Large Angle



Outrigger Dimensions - Inner Box 2

Outer Box Small Angle

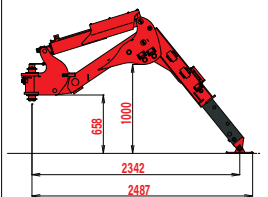
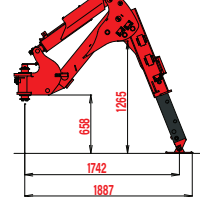
Outer Box Large Angle



Outrigger Dimensions - Inner Box 3

Outer Box Small Angle

Outer Box Large Angle



TECHNICAL FEATURES & OPTIONS

Multi operation control via radio remote



Radio remote control with digital feedback



Bellypack radio remote control



095/295 300kg searcher hook & fly jib option



095/295 700kg searcher hook & fly jib option



376/546/547 500kg searcher hook & fly jib option



376/546 700kg searcher hook & fly jib option



Low marking tracks



Optional mains power
(095, 295, 376, 546, 547 & 806)



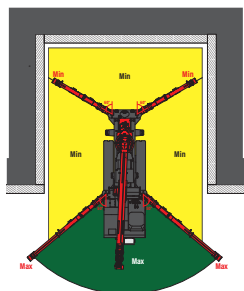
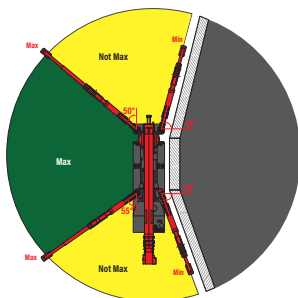
Fits into commercial lifts (094, 095, 295, Eco)



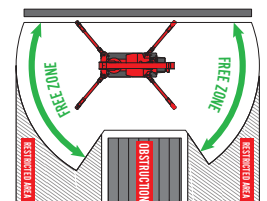
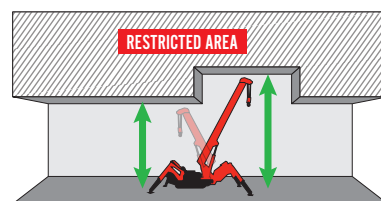
Level operation on uneven sites



URW-295 variable outrigger option (295, Eco) / Variable footprint option (376, 546, 547, 806, 1006)



Variable slew, radius & height limits option



500kg hydraulic steel clamp



750kg hydraulic steel clamp

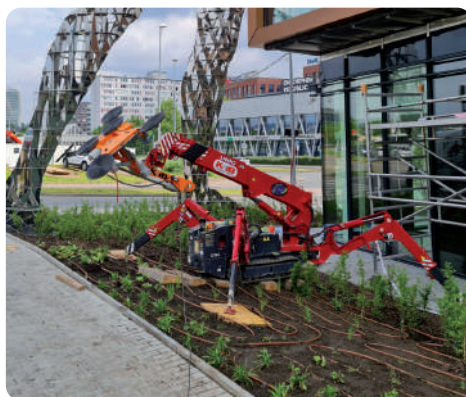


Glazing manipulation heads



Glass vacuum lifters





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