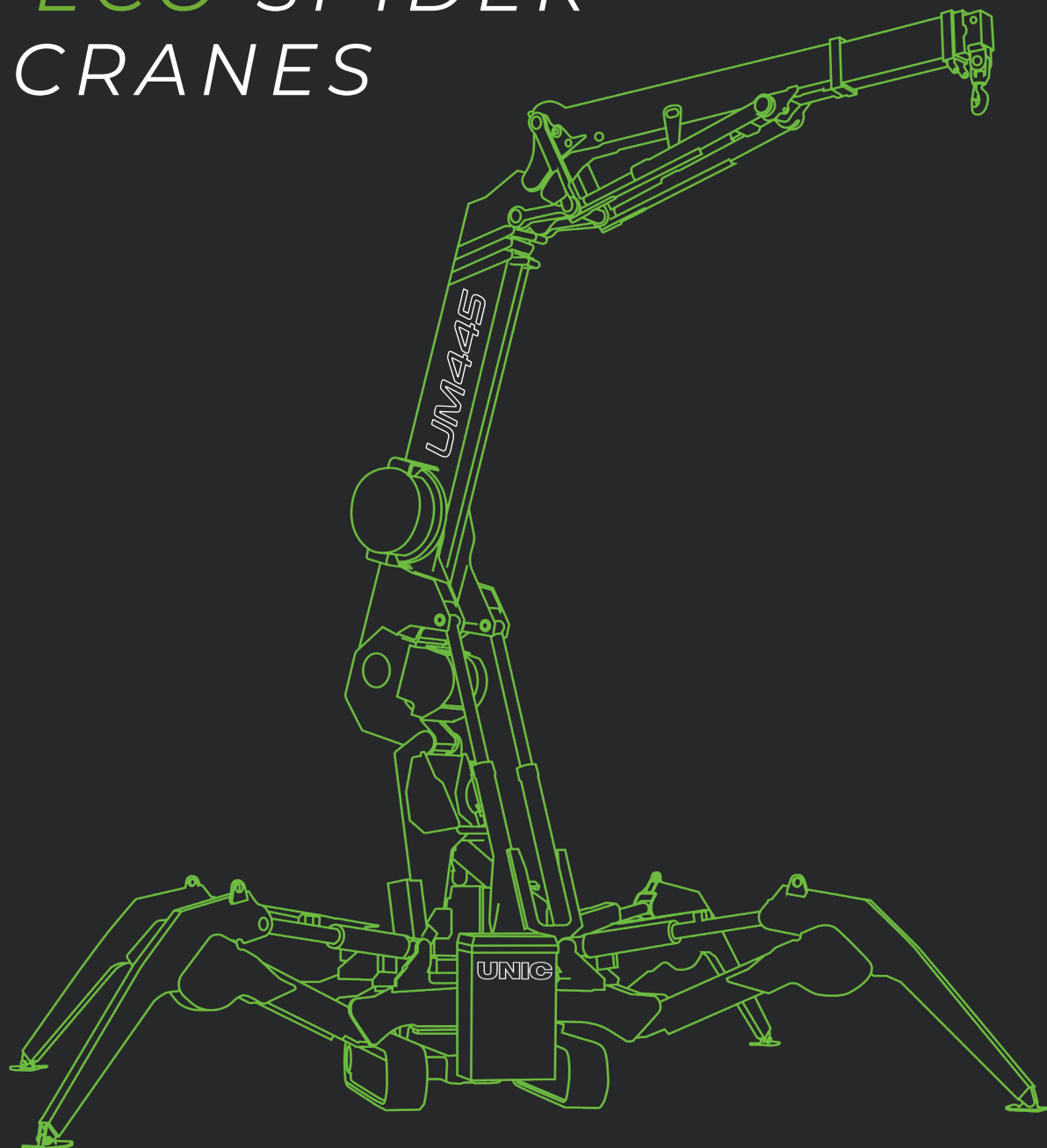


ATM-LEVAGE

Location de grues, mini-grues & nacelles

ECO SPIDER CRANES



UNIC

CRANES EUROPE

UM445

LITHIUM-ION MINI CRANE

ECO-UNIC

ATM-LEVAGE

Location de grues, mini-grues & nacelles

(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 100Ah 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
- Bellypack 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 lifting jib/searcher hook attachment with a maximum capacity of 1500kg, extension range from 2.0m to 5.7m, and a lifting range of -10° to 160° or set. 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 of settable 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.

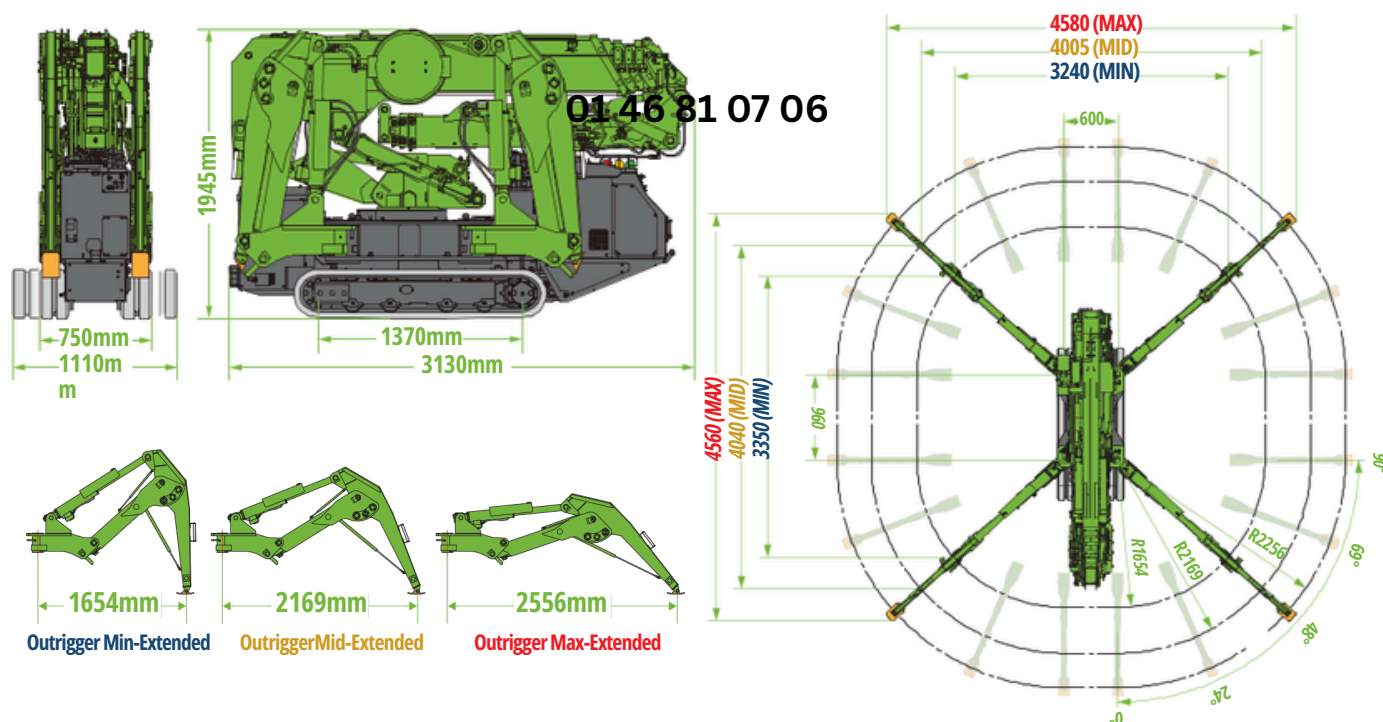
UNIQUE FEATURE OF THE UM445 POP-UP SPIDER CRANE

- 1 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.
- 2 The variable outriggers of the UM445 give operators in confined areas or around obstacles on-site. Additionally, with the variable outriggers users can unlock even more performance with Max+ capacities.
- 3 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.
- 4 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

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
Hooks speed		
Main boom	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)
	boom length:	2.895 - 10.075m
	telescoping speed:	7.18m/34 seconds
	boom type:	5 section, hydraulically telescoping boom, hexagonal box construction
Jib	max capacity:	1500kg
	jib length:	1.98 - 5.74m
	telescoping speed:	3.76m/21 seconds
	jib type:	4 section, hydraulically telescoping jib, box construction
	jib type:	360° (continuous) 1.2 rpm
Slewing angle/speed	approx.	hydrostatic 2-speed, stepless forward and reverse
Traction system	drive:	0 - 2.0km/h
	travel speed:	± 20° (vertical) 10° (traverse)
	gradeability:	1370mm
	track ground length:	68.2kPa (0.70kg/cm²)
	track ground pressure:	200mm
	track width:	lithium-ion battery
Battery	type:	DC 51.2V
	pack voltage:	160Ah
	pack capacity:	4 series x 3 parallel
	pack composition:	AC95~265V (50-60Hz), single-phase
Battery charger	input voltage:	16A (AC200V), 15A (AC100V)
	input current:	DC 56.0V
	output voltage:	60A (AC200V), 30A (AC100V)
	output current:	3.0 hr (AC200V), 6.2 hr (AC100V)
	charging time:	
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 stop, 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 settable angles and three different extensions, allowing the UNIC UM445 to work in tighter, more restricted areas while maintaining excellent load ratings.

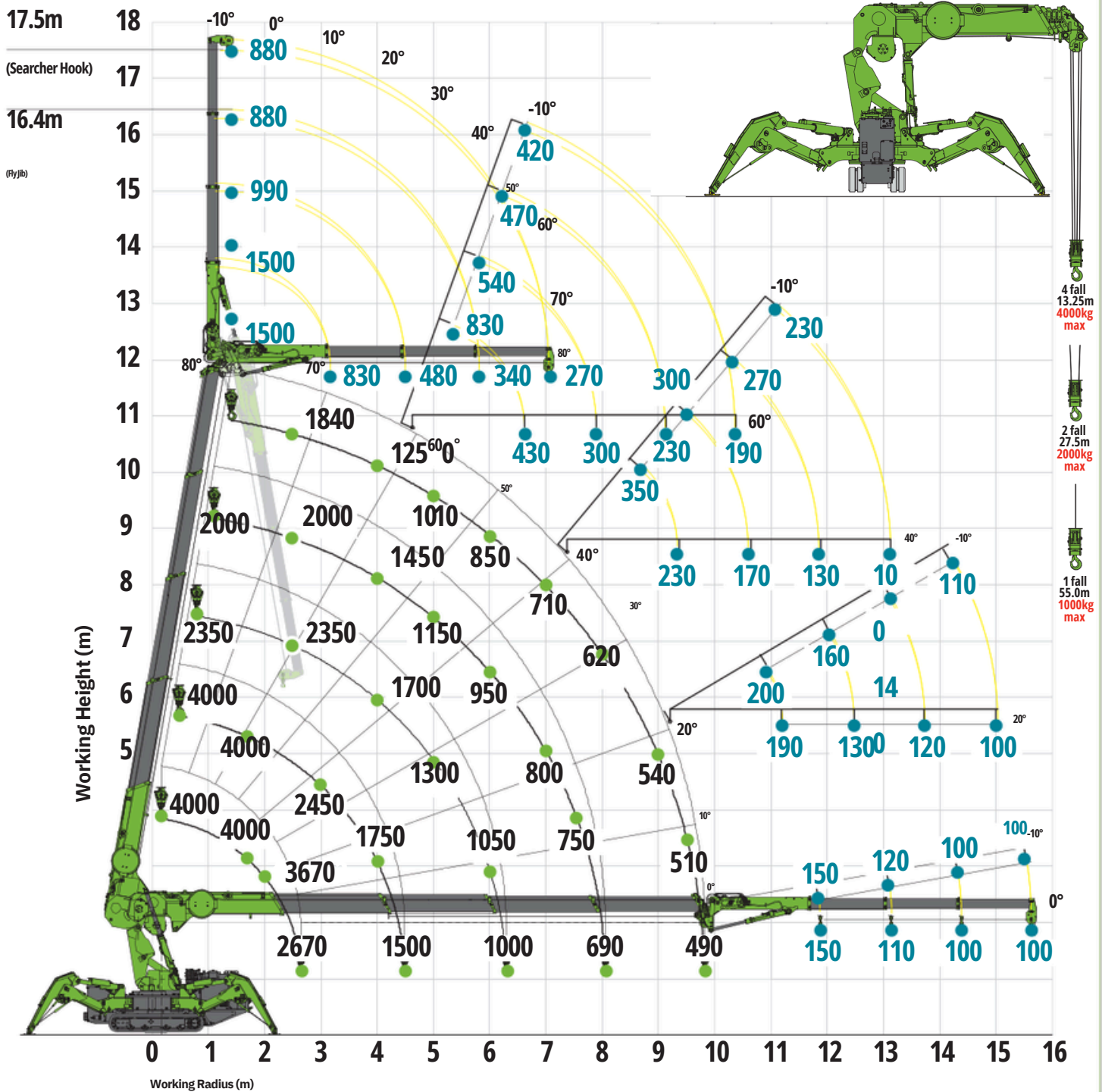


ATM-LEVAGE

Location de grues, mini-grues & nacelles

(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.

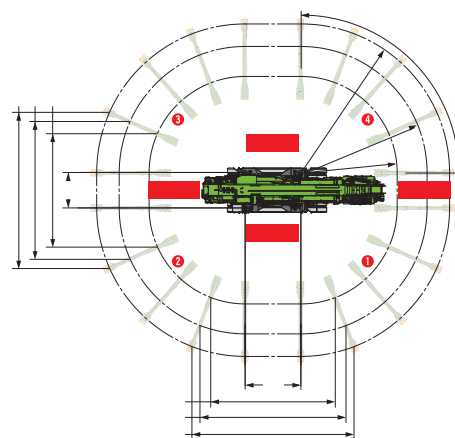
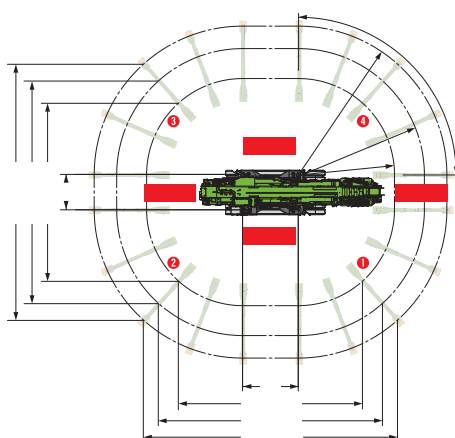
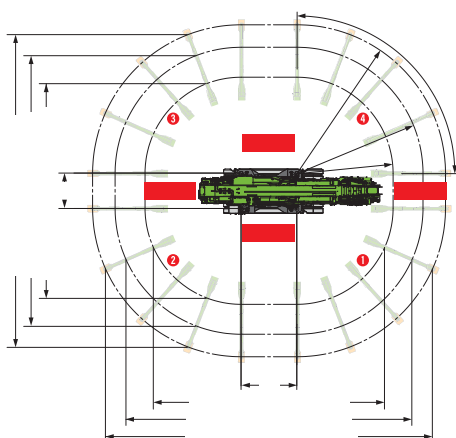
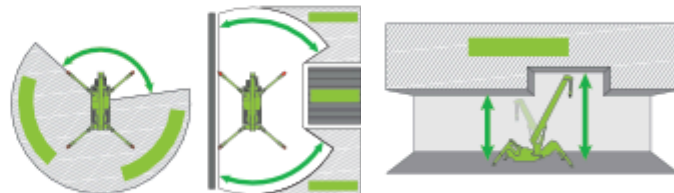
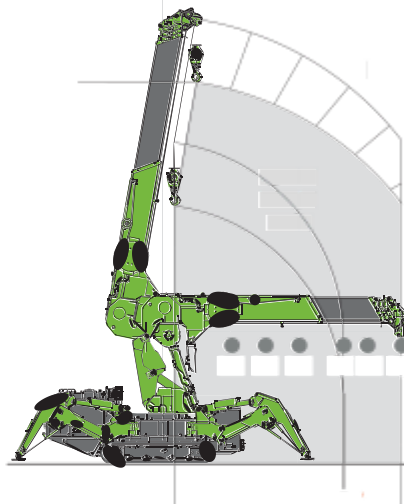
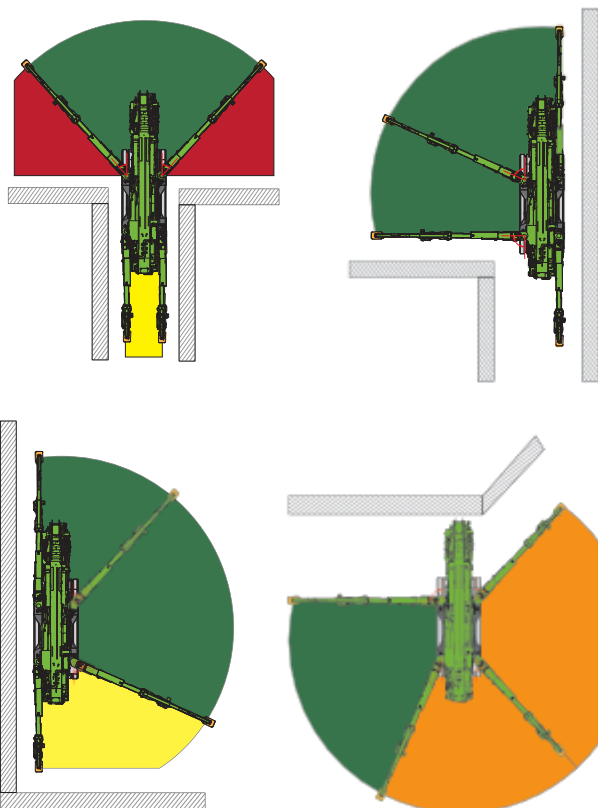
Non-marking tracks are included as standard, to reduce the impact on delicate surfaces, ensuring a tidy and professional work environment.

ATM-LEVAGE

Location de grues, mini-grues & nacelles



UNIC
CRANES EUROPE



- 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



Optional 250Ah Lithium Battery



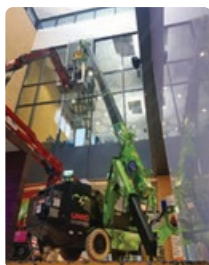
Standard radio remote control



Full safe load indicator



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.

OPTIONS



Bellypack radio remote control



Variable outriggers

CRANE SPECIFICATIONS

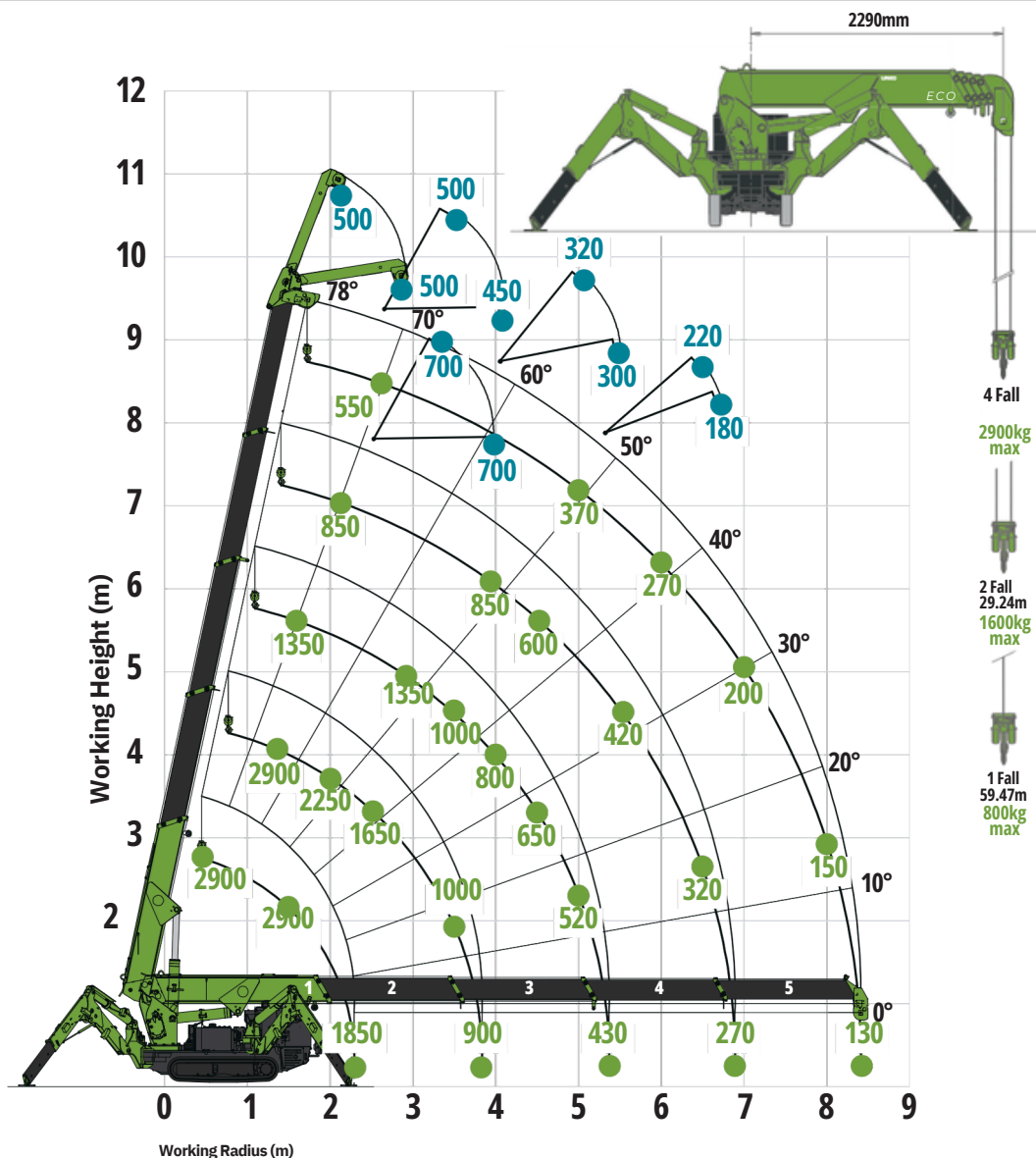
Crane capacity	capacity:	2.9t x 1.4m
Max working radius	max:	8.41m
Max lifting height	max:	8.9m
Rope length	max:	14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall)
WBE dimensions	folded:	fall) 2730mm (l) x 750mm (w) x 1560mm (h)
CBE dimensions	folded:	2720mm (l) x 690mm (w) x 1525mm (h)
WBE weight	unladen:	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:	9.1m/min (with 4 layers and 4 falls)
Telescopic system	boom length: telescoping speed: boom type:	2.53 - 8.65m 6.12m/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, bellypack radio remote control	



Spec Sheet

MINI SPIDER CRANES

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 300kg



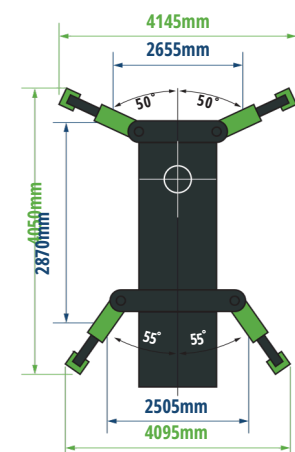
Capacity	300kg
Length	500 mm
Weight	15 kg
Angles	0°, 20°, 40°, 60°

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

