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

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
See Page 12

CRANE SPECIFICATIONS

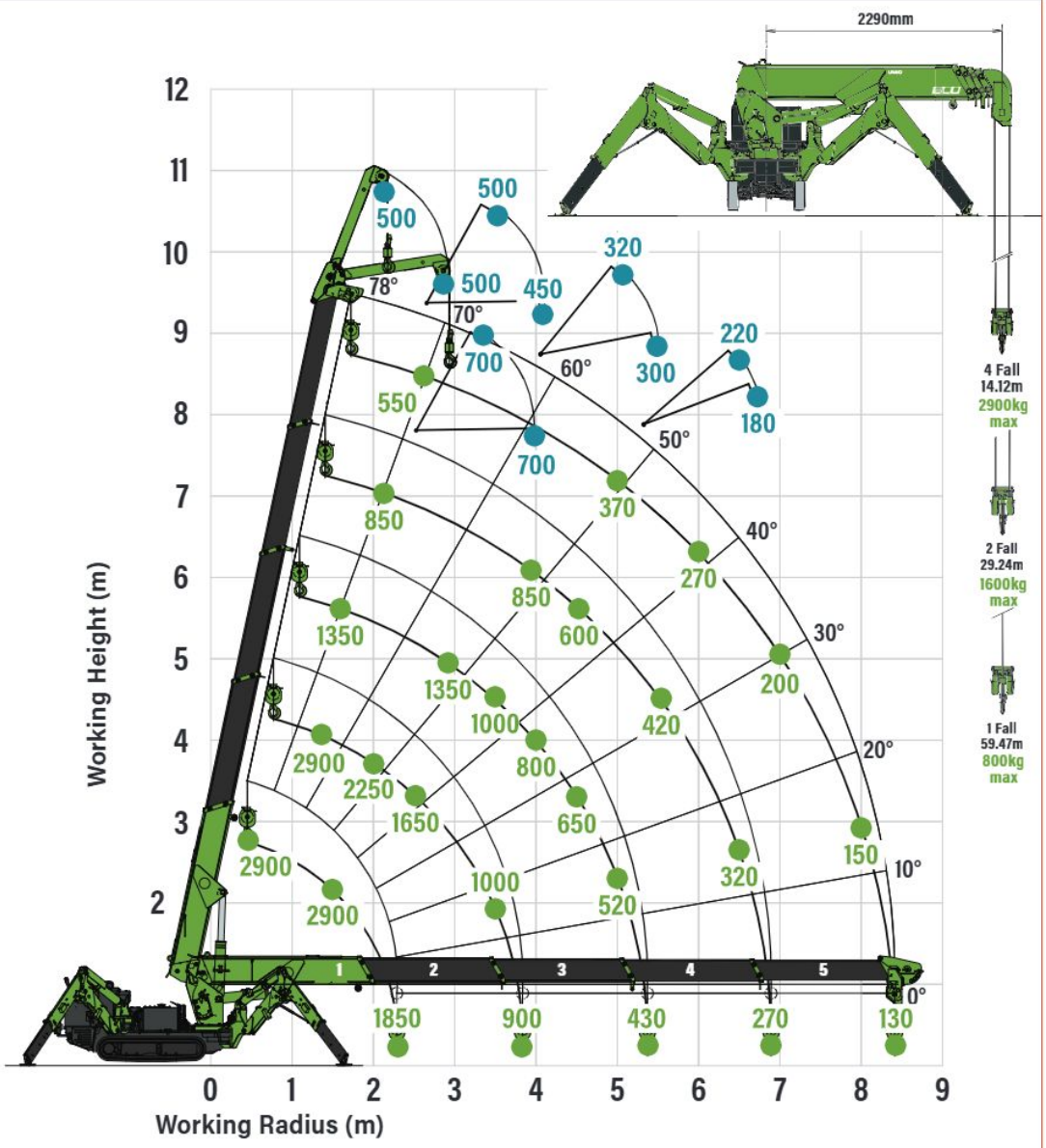
Crane capacity	capacity:	2.9t x 1.4m
Max working radius	max:	8.41m
Max lifting height	max:	8.9m
Rope length	max:	14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall)
WBE dimensions	folded:	2730mm (l) x 750mm (w) x 1560mm (h)
CBE dimensions	folded:	2720mm (l) x 690mm (w) x 1525mm (h)
WBE weight	unladen:	2425kg (2490kg with fly jib)
CBE lithium weight	unladen:	2190kg (2255kg 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::	2.53 - 8.65m
	telescoping speed:	6.12m/31 seconds
	boom type:	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:	hydraulic motor wheeled drive
	travel speed:	0 - 2.6km/h
	steering angle:	50° left and 50° right
	min. turning radius:	outer 1990mm x inner 510mm
	gradeability:	± 20° (vertical) 10° (traverse)
	front wheels:	4.00-8 (wheel RIM 3.00 D-8)
	rear wheels:	3.50-5 (wheel RIM 3.00 SP-5)
WBE power source	power:	3.1kW (AC motor)
	voltage:	48v DC rechargeable battery
CBE lithium power source	battery type:	LifePO4 lithium battery
	capacity:	250Ah
CBE travelling 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)
	track width:	180 mm
CBE power source	power:	4.0kW (AC motor)
	voltage:	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	

MINI SPIDER CRANES
BATTERY-POWERED

Spec Sheet

UNIC CRANES EUROPE

RATED LOADS (kg) & HOOK FALLS



SEARCHER HOOK SMALL - 300kg



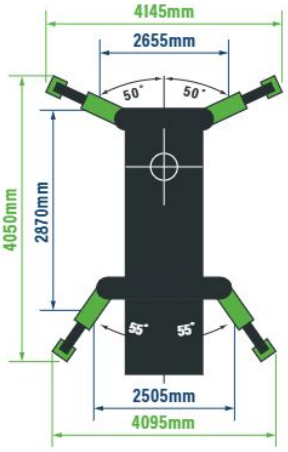
Capacity	300kg
Length	500 mm
Weight	15 kg
Angles	0°, 20°, 40°, 60°

FLY JIB & SEARCHER HOOK - 700kg



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

OUTRIGGER MIN & MAX



DIMENSIONS

CBE Model / WBE Model

