# ECO-UNIC (0.995t x 3.5m) (2.9t x 1.4m)

- Total width 0.75m
- Max working radius 8.41m
- Multi-position configurable outriggers (Eco-095)
- Operator control of outrigger extension
- Intelligent voice warning system
- Preliminary stability warning system with motion cut
- Radio remote control as standard
- Working area limitation (Eco-295)
- Optional slew limitation (Eco-295)

**Introducing the latest in mini crane engineering, the UNIC battery powered Eco-095 and Eco-295 models provide fume-free lifting for sensitive environments.** Ideal for food processing plants, listed buildings, shopping centres, airports and clean environments, these unique mini cranes are powered by a rechargeable 48v battery yet retain all the lifting power of our standard models. Innovative features include low-marking wheels which enable the cranes to work on light-coloured or polished surfaces.

## ADDITIONAL FEATURES

Radio remote control

Full safe load indicator (Eco-295 only)

Full safe load indicator (Eco-295-2 only)

## CRANE SPECIFICATIONS

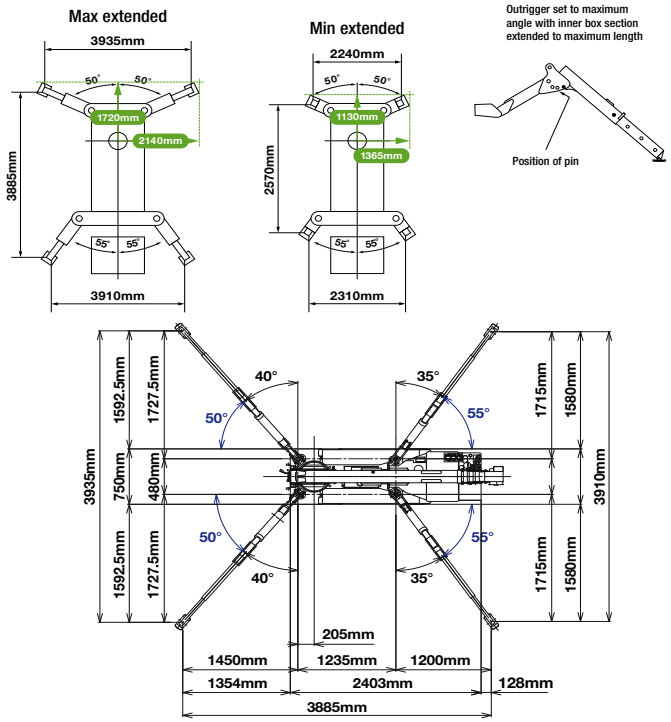
| | | |
|---|---|---|
| **Crane capacity** | Eco-095:<br>Eco-295: | 0.995t x 3.5m<br>2.9t x 1.4m |
| **Max working radius** | max: | 8.41m |
| **Max lifting height** | max: | 8.9m |
| **Rope length** | max: | 14.12m (4 fall), 29.24m (2 fall), 59.47m (1 fall) |
| **Dimensions** | folded: | 2730mm (l) x 750mm (w) x 1560mm (h) |
| **Weight** | unladen: | 2425kg (2490kg with jib) |
| **Point loadings** | Due to the many variables involved, point loadings are only available on request | |
| **Hook speed** | approx: | 4.7m/min (with 4 layers and 4 falls) |
| **Telescopic system** | boom length:<br>telescoping speed:<br>boom type: | 2.53 - 8.65m<br>6.12m/40 seconds<br>5 section hydraulically telescoping boom, hexagonal box construction |
| **Derricking angle/speed** | approx: | 0 - 78˚/21 seconds |
| **Slewing angle/speed** | approx: | 360˚ (continuous) 1.5 rpm |
| **Travelling system** | drive:<br>travel speed:<br>steering angle:<br>min. turning radius:<br>gradeability: | hydraulic motor wheeled drive<br>1.5-1.8km/h<br>50° left and 50° right<br>outer 1990mm x inner 510mm<br>± 20˚ (vertical) 10° (traverse) |
| **Size of tyres** | front:<br>rear: | 4.00-8 (wheel RIM 3.00 D-8)<br>3.50-5 (wheel RIM 3.00 SP-5) |
| **Power source** | power:<br>voltage: | 3.1kW (AC motor)<br>48v DC rechargeable battery |
| **Battery charger** | charger: | 200/240v single phase (15A) |
| **Standard equipment Eco-095** | 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 | |
| **Standard equipment Eco-295** | 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, working area limitation | |
| **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, 600kg capacity hydraulic fly jib (Eco-295-2 only) | |

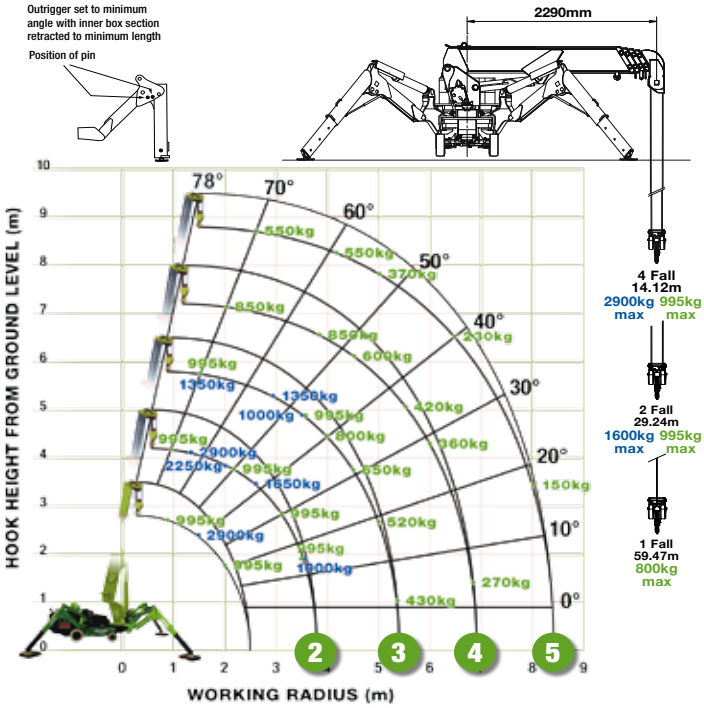
# MINI SPIDER CRANE

ZERO EMISSIONS · GREEN MACHINE

UNIC CRANES EUROPE

## RATED LOADS & OUTRIGGER POSITIONS




* Loads shown in blue are applicable for the Eco-295 only. All other loads shown in green apply to both the Eco-095 and the Eco-295.

### SECOND STAGE EXTENDED 2.53 - 4.075M BOOM LENGTH

| Working radius | | m | up to 1.0 | 1.4 | 1.5 | 1.8 | 2.0 | 2.5 | 3.0 | 3.5 | 3.835 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Outrigger | Max-extended | kg | 995 (2,900) | 995 (2,900) | 995 (2,650) | 995 (2,250) | 995 (2,050) | 995 (1,650) | 995 (1,300) | 995 (1,000) | 900 |
| | Min-extended | kg | 995 (2,000) | 995 (2,000) | 995 (2,000) | 995 (1,450) | 995 (1,100) | 650 | 490 | 350 | 250 |

* Loads shown in blue are applicable for the Eco-295 only. All other loads shown in black apply to both the Eco-095 and the Eco-295.

### THIRD STAGE EXTENDED 4.075 - 5.61M BOOM LENGTH

| Working radius | | m | up to 2.2 | 2.5 | 2.9 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.37 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Outrigger | Max-extended | kg | 995 (1,350) | 995 (1,350) | 995 (1,350) | 995 (1,250) | 995 (1,000) | 800 | 650 | 520 | 430 |
| | Min-extended | kg | 800 | 650 | 530 | 500 | 380 | 280 | 220 | 160 | 120 |

### FOURTH STAGE EXTENDED 5.61 - 7.13M BOOM LENGTH

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

### FIFTH STAGE EXTENDED 7.13 - 8.65M BOOM LENGTH

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

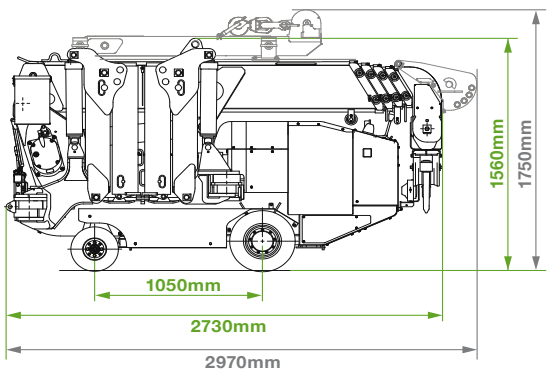
## SEARCHER HOOK SMALL - 300kg

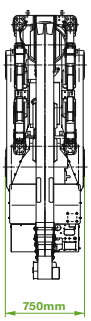
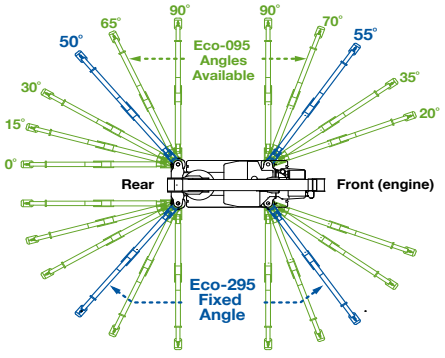
Stowed position

In operation

| | |
|---|---|
| Lifting capacity | 300kg (max) |
| Length | 500mm |
| Weight | 15kg |
| Tilt angles | 0°, 20°, 40°, 60° |

## DIMENSIONS






## OUTRIGGER POSITIONS