

Specifications

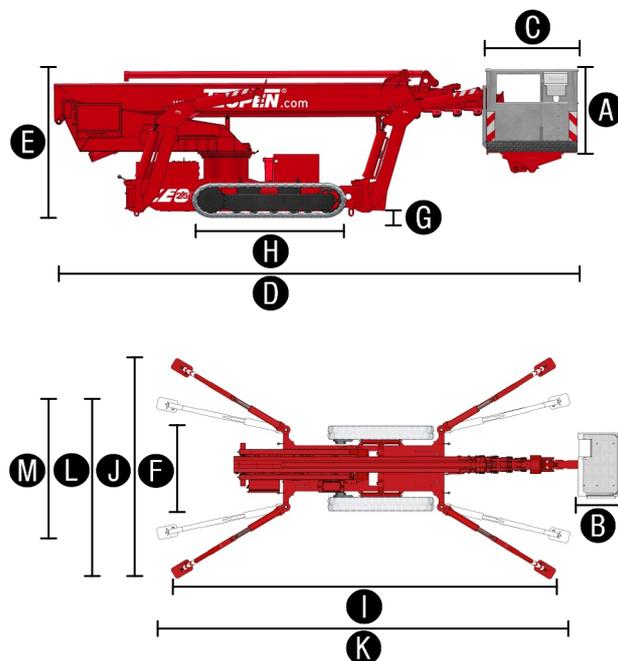


| MEASUREMENTS | Metric | US |
|---|-----------------|----------------------|
| Working height, max. | 25,00 m | 82 ft |
| Horizontal outreach with 80 kg | 15,50 m | 50 ft 10 in |
| Horizontal outreach with 200 kg | 12,50 m | 41 ft |
| Up and Over Clearance, max. | - | - |
| Platform height (A) | 1,10 m | 3 ft 7 in |
| Platform length (B) | 1,20 m | 3 ft 11 in |
| Platform width (C) | 0,80 m | 2 ft 8 in |
| Length, overall (D) | 7,22 m | 23 ft 8 in |
| Height, travel position (E) | 1,98 m | 6 ft 6 in |
| Width, minimal overall width (F) | 1,78 m | 5 ft 10 in |
| Max. ground clearance (G) | 0,98 m | 3 ft 2+ in |
| Track (LxW) (H) | 1,45 m x 0,20 m | 4 ft 9 in x 7 7/8 in |
| Length outrigger footprint standard (I) | 5,00 m | 16 ft 5 in |
| Width outrigger footprint standard (J) | 4,75 m | 15 ft 7 in |
| Length footprint one side narrow (K) | 6,00 m | 19 ft 8 in |
| Width footprint one side narrow (L) | 3,89 m | 12 ft 9 in |
| Width footprint both sides narrow (M) | 3,03 m | 9 ft 11 in |
| Outrigger plate Ø | 0,31 m x 0,22 m | 12 in x 8 1/2 in |

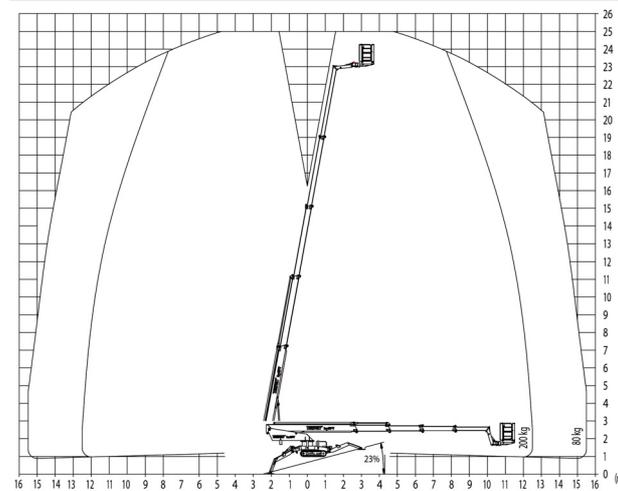
| PRODUCTIVITY | Metric | US |
|------------------------------------|-------------|-------------|
| Basket capacity | 200 kg | 441 lbs |
| Movable Jib | - | - |
| Basket rotation | 180 ° | 180 ° |
| Turret rotation | 450 ° | 450 ° |
| To be jacked up on ground slope of | 13,0° / 23% | 13.0° / 23% |
| Height and width track adjustment | 20 / 25 cm | 8 / 10 in |
| Gradeability max. | 16,7° / 30% | 16.7° / 30% |
| Slope angle | 16,7° / 30% | 16.7° / 30% |
| Travel speed | 3,0 km/h | 1.9 mph |

| WEIGHT | Metric | US |
|-------------------------------------|------------------------|-----------|
| Total weight | 2980 kg | 6,570 lbs |
| Live load in travelling position | 2,27 kN/m ² | 47.4 psf |
| Live load in working position | 1,54 kN/m ² | 38.2 psf |
| Max. point load per outrigger plate | 21,8 kN | 4901 lbf |

| POWER | | |
|--|---|---------|
| Standard power sources (Hybrid: Electric & combustion engine) | 1) Diesel: Kubota D 722-E (14.1 kW, 20.3 hp) 2) Electric motor: 115 V (US), 230 V (EU) | |
| Optional power sources | 1) Battery: 80 V Battery drive | |
| Fuel tank capacity Diesel engine | 13,0 l | 3.4 gal |



WORKING ENVELOPE



STANDARDS COMPLIANCE



EN ISO 9001



EN 280:2001

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Features

TRACK CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive electrohydraulic cable remote control
- Rubber tracks with specially arranged profile providing optimum grip
- White, non-marking rubber tracks
- Mechanically height- and width adjustable track chassis

STABILISATION

- Fully-hydraulic, automatic leveling system with constant outrigger setup monitoring
- Variable stabiliser/outrigger system with one-side or both-sides narrow setup option

BOOM SYSTEM

- Telescoping boom made from robust steel and aluminium profiles on wear-resistant rollers
- All functions are available from one control panel
- Electric-proportional controls with intuitive operator guidance
- Robust, lockable control panel with integrated operation & display function
- Self-levelling platform with fully-hydraulic levelling system
- 180° basket rotation
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor
- Basket changing system

POWER SOURCES

- 230 V Electric Motor (EU), 115 V Electric Motor (US)
- Kubota Diesel engine D722, silenced
- Start-Stop switch of combustion engine in the basket

PRODUCTIVITY, SAFETY, QUALITY

- 230V (EU), 115V (US) power outlet in the basket
- Ergonomically shaped basket with eyelets for safety belts and tool tray
- Cable remote control in lockable storage box
- High-quality paint in RAL3020 (red)
- Hydraulic emergency lowering over hand pump
- Cables and hoses are safely routed through the boom structure
- Biodegradable hydraulic oil
- Lock valves - hydraulic return valves directly on all hydraulic cylinders
- Relief valves protecting the hydraulic system from too high pressures
- Protective covers for oil-tank, emergency controls and connecting cables and hoses
- Easily removable covers for optimal accessibility
- Hour meter
- Complete second control box on the chassis and error analysis with display



OPTIONS

- Snap hooks on boom
- Electric emergency lowering, 12kg/24lbs additional weight
- 4 covers on piston rod cylinders (outrigger cylinder), 10kg/11lbs additional weight
- Custom paintwork, one colour, according to RAL scheme (except metallic coatings, signal- or special colors)
- Custom paintwork, two colours, according to RAL scheme (except metallic coatings, signal- or special colors)
- Treecare package, consisting of:
 - Protective cover hydraulic tank
 - Protective cover ground control panel
 - Protective cover outrigger cylinders
- Additional machine lighting according to country-specific regulations
- Height shut-off system for boom, 2 set-points
- Separating grate in basket, 10kg additional weight
- Basket* 900 x 800mm (2ft 11in x 2ft 7in)
- Basket holder, detachable, for 900x800mm basket

** Choosing other basket sizes results in different machine specifications and performance and requires additional basket support mount.*

ACCESSORIES

- 4 Outrigger pads (340x850 mm / 1ft1in x 2ft9in)
- Track mats (2000 x 1000 x 15 mm / 6ft 6in x 3ft3in x ½in), extra durable rubber
- Safety harness
- 2x Protective track covers, made of high-quality polypropylene fabric
- Tandem Low Platform trailer (aluminium) ** including 4 tension belts (length 3,50 m)
Permissible total weight 3500 kg
Tandem rubber-sprung axle : 3500 kg
Net weight: approx. 430 kg
Wheels 155/70/ R12 ET20
Lighting fitting according to EU directives

*** When using the Low trailer no additional options & accessories are possible to keep total weight below the permissible gross laden weight of 3,5t.*

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