

# Specifications

| MEASUREMENTS                              | Metric          | US                  |
|---|-----------------|---------------------|
| Working height with 200 kg (441 lbs)      | 49,70 m         | 162 ft 6 in         |
| Working height with 400 kg (882 lbs)      | 38,50 m         | 126 ft 3 ¾ in       |
| Horizontal outreach with 80 kg (176 lbs)  | 17,40 m         | 57 ft 1 in          |
| Horizontal outreach with 200 kg (441 lbs) | 15,20 m         | 49 ft 1 in          |
| Horizontal outreach with 400 kg (882 lbs) | 13,00 m         | 42 ft 7 ¾ in        |
| Up and Over Clearance, max.               | 26,50 m         | 86 ft 11 ½ in       |
| Platform height (A)                       | 1,10 m          | 3 ft 7 in           |
| Platform length (B)                       | 0,80 m          | 2 ft 8 in           |
| Platform width (C)                        | 1,50 m          | 4 ft 11 in          |
| Length, overall (D)                       | 8,45 m          | 27 ft 9 in          |
| Height, travel position (E)               | 1,98 m          | 6 ft 6 in           |
| Width, minimal overall width (F)          | 1,58 m          | 5 ft 3 in           |
| Max. ground clearance (G)                 | 1,20 m          | 47 in               |
| Track (L x W) (H)                         | 3,00 m x 0,40 m | 9ft 10in x 1ft 3¾in |
| Length outrigger footprint standard (I)   | 7,60 m          | 24 ft 11 in         |
| Width outrigger footprint standard (J)    | 5,65 m          | 18 ft 2 ½ in        |
| Length footprint one side narrow (K)      | 9,80 m          | 32 ft 2 in          |
| Width footprint one side narrow (L)       | 4,20 m          | 13 ft 9 ¾ in        |
| Outrigger plate (L x W)                   | 0,52 m x 0,27 m | 20 ½ in x 10 ½ in   |

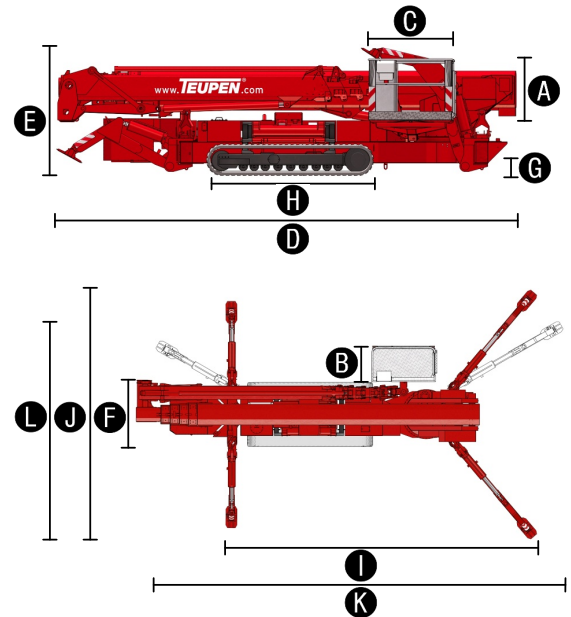
| PRODUCTIVITY                       | Metric     | US           |
|------------------------------------|------------|--------------|
| Basket capacity                    | 400 kg     | 882 lbs      |
| Movable Jib                        | -          | -            |
| Basket rotation                    | 180°       | 180°         |
| Turret rotation                    | 450°       | 450°         |
| Turret rotation, one side narrow   | 120°       | 120°         |
| To be jacked up on ground slope of | 16,7°/30 % | 16,7°/30 %   |
| Height and width track adjustment  | 50/32 cm   | 19 ¾/12 ½ in |
| Gradeability max.                  | 16,7°/30 % | 16,7°/30 %   |
| Slope angle                        | 16,7°/30 % | 16,7°/30 %   |
| Travel speed                       | 1,6 km/h   | 0.9 mph      |

| WEIGHT                              | Metric       | US          |
|-------------------------------------|--------------|-------------|
| Total weight                        | 13600 kg     | 29,983 lbs  |
| Live load in travelling position    | 4,90 kN/m² * | 102.3 psf * |
| Live load in working position       | 4,00 kN/m²   | 83.5 psf    |
| Max. point load per outrigger plate | 81,0 kN      | 18,210 lbf  |

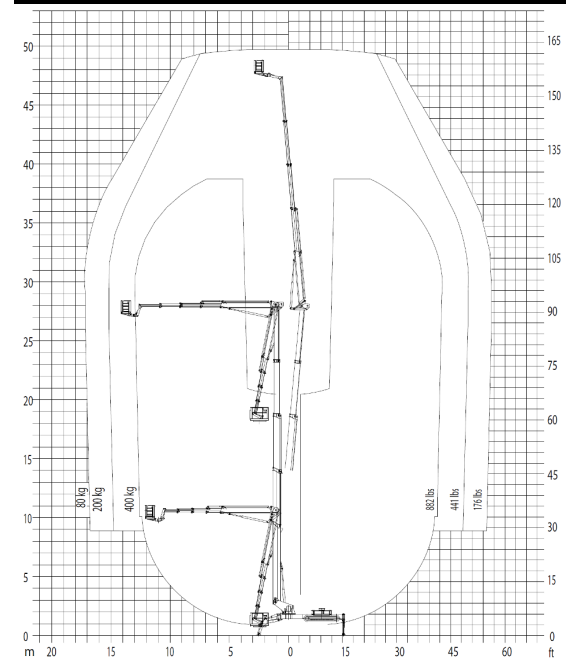
| POWER                            |  |          |
|----------------------------------|--|----------|
| Power sources                    | <b>1) Diesel:</b> Kubota V 2203-M, (36 kW, 49 hp)<br><b>2) Electric motor:</b> 400 V, 15.7 A, 7.5 kW |          |
| Fuel tank capacity Diesel engine | 80,0 l   | 21.1 gal |

\* When an area has been cordoned off: 2,50 x 11,00 m

## LEO 50 GTX



### WORKING ENVELOPE



### STANDARDS COMPLIANCE



EN ISO 9001



ANSI A92.5-2006  
CSA B354.1-04  
EN 280:2001

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# Features

## TRACK CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive electrohydraulic radio remote control
- Black rubber tracks with specially arranged profile providing optimum grip
- Hydraulically height- and width adjustable track chassis

## STABILISATION

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

## BOOM SYSTEM

- 5-section steel lower telescopic boom on wear-resistant sliding blocks
- Reliable 5-section steel and aluminium upper boom on wear-resistant rollers
- Over 200 kg/441 lbs automatic height cut-off at 36,5 m/119 ft 9 in
- All functions are available from one radio remote control panel
- Electric-proportional radio remote controls with intuitive operator guidance
- Robust, lockable control panel with integrated operation & display function
- Self-levelling platform with fully-hydraulic, active levelling system
- 180° basket rotation
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor
- Basket changing system

## POWER SOURCES

- 400 V Electric Motor
- 4-cylinder Kubota Diesel engine, silenced (36 kW, 48 hp)
- Start-Stop switch of combustion engine in the basket

## PRODUCTIVITY, SAFETY, QUALITY

- 230 V (EU), 115 V (US) double power outlet in the basket
- Ergonomically shaped basket with eyelets for safety belts and tool tray
- Lockable storage box for radio remote control
- High-quality paint in RAL 3020 (red)
- Electronically regulated emergency control system
- 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
- Fuzzy control technology



## OPTIONS

- White, non-marking rubber tracks
- 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)
- Basket\* 1200 x 800 mm (3ft 11in x 2ft 7in)
- Additional exchange basket\* 1800 x 800 mm (5ft 11in x 2ft 7in)
- Basket holder, detachable, for basket 1200 x 800 mm
- Basket holder, detachable, for basket 1800 x 800 mm

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

## ACCESSORIES

- 4 Outrigger pads (1090 x 390 x 40 mm/3ft 7in x 1ft 4in x 1½in), PVC, 14.8 kg/33 lbs
- Track mats (2000 x 1000 x 15 mm/6ft 6in x 3ft 3in x ½in), extra durable rubber
- Safety harness

