

# Specifications

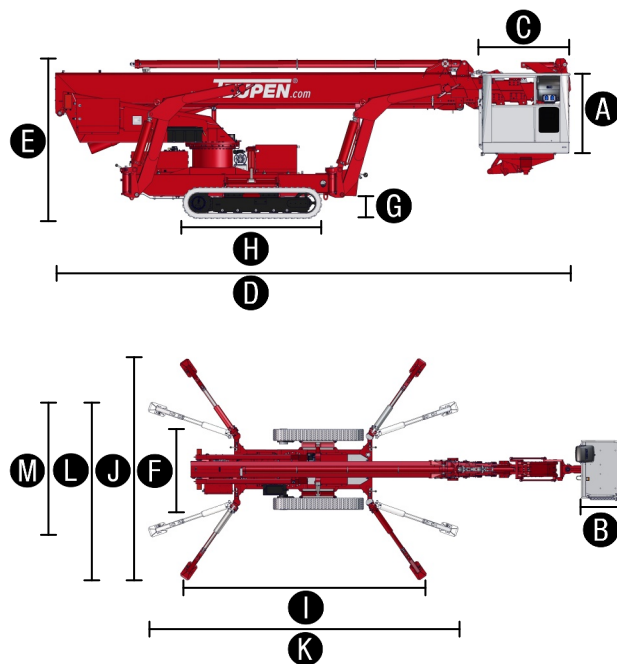


MEASUREMENTS	Metric	US
Working height, max.	30,00 m	97 ft 10 in
Horizontal outreach with 80 kg	15,70 m	51 ft 6 in
Horizontal outreach with 200 kg	14,00 m	45 ft 11 in
Up and Over Clearance, max.	-	-
Platform height (A)	1,10 m	3 ft 7 in
Platform length (B)	0,80 m	2 ft 8 in
Platform width (C)	1,20 m	3 ft 11 in
Length, overall (D)	7,20 m	23 ft 8 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)	1,26 m	4 ft 1+ in
Track (L x W) (H)	1,92 m x 0,25 m	6 ft 2 in x 10 in
Length outrigger footprint standard (I)	5,30 m	17 ft 5 in
Width outrigger footprint standard (J)	4,75 m	15 ft 7 in
Length footprint one side narrow (K)	6,64 m	21 ft 9 in
Width footprint one side narrow (L)	3,95 m	12 ft 11 in
Width footprint both sides narrow (M)	2,99 m	9 ft 10 in
Outrigger plate Ø	0,31 m x 0,22 m	12 in x 8 ½ in

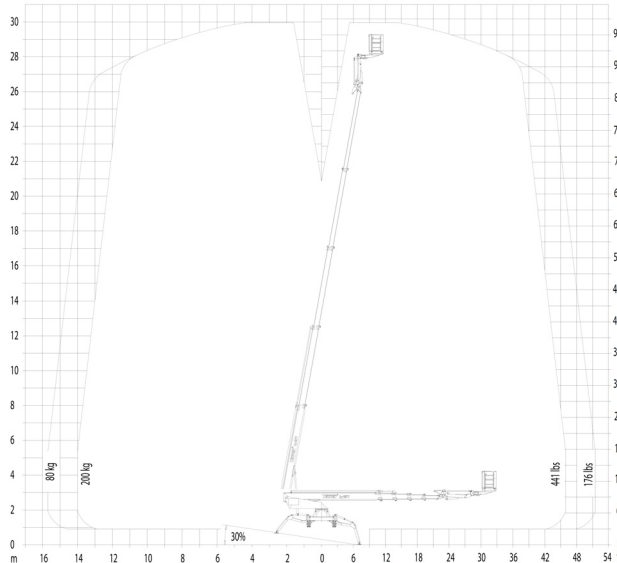
PRODUCTIVITY	Metric	US
Basket capacity	200 kg	441 lbs
Movable Jib	180°	180°
Basket rotation	180°	180°
Turret rotation	450°	450°
To be jacked up on ground slope of	16,7°/30 %	16.7°/30 %
Height and width track adjustment	22/17 cm	8 ¾/6 ¾ in
Gradeability max.	16,7°/30 %	16.7°/30 %
Slope angle	16,7°/30 %	16.7°/30 %
Travel speed	3,0 km/h	1.9 mph

WEIGHT	Metric	US
Total weight	4225 kg	9,380 lbs
Live load in travelling position	3,7 kN/m <sup>2</sup>	75.0 psf
Live load in working position	2,0 kN/m <sup>2</sup>	41.8 psf
Max. point load per outrigger plate	26,0 kN	5845 lbf

POWER		
Standard power sources (Electric & combustion engine)	<b>1) Diesel:</b> Kubota D 902-E (16.1 kW, 21.9 hp) <b>2) Electric motor:</b> 115 V (US), 230 V (EU)	
Optional power sources	<b>1) Battery:</b> 80 V Battery drive	
Fuel tank capacity Diesel engine	40,0 l	10.5 gal



## 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 cable remote control
- Rubber tracks with specially arranged profile providing optimum grip
- White, non-marking rubber tracks
- 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 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 radio remote 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
- 180° movable jib, even in load limit range
- Coming Home Function - automatic return of boom into transport position

## POWER SOURCES

- 230 V Electric Motor (EU), 115 V Electric Motor (US)
- Kubota Diesel engine D902, silenced
- Start-Stop switch of combustion engine in the basket

## PRODUCTIVITY, SAFETY, QUALITY

- 230 V (EU), 115 V (US) 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)
- Hydraulic emergency lowering via 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
- Fuzzy IV controls with interactive display



## OPTIONS

- Snap hooks on boom
- Electric emergency lowering, 12 kg/24 lbs additional weight
- 4 covers on piston rod cylinders (outrigger cylinder), 10 kg/11 lbs 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
- 80 V battery drive with charger (in lieu of Kubota Diesel, extra weight approx 400 kg/882 lbs)
- Additional electric drive 230 V/50 Hz (115 V US) for an optimal adjustment of the electric pump to various operation modes
- Height shut-off system for boom, 2 set-points
- Separating grate in basket, 10 kg additional weight
- Basket\* 900 x 800 mm (2ft 11in x 2ft 7in)
- Basket holder, detachable, for 900 x 800 mm basket

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

## ACCESSORIES

- 4 Outrigger pads (340 x 850 mm/1ft 1in x 2ft 9in)
- Track mats (2000 x 1000 x 15 mm/6ft 6in x 3ft 3in x ½in), extra durable rubber
- Safety harness
- 2x Protective track covers, made of high-quality polypropylene fabric
- Subframe for truck Mitsubishi Canter, Total weight 450 kg

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