

# Specifications

## LEO 92SJplus

**TEUPEN**®  
...access redefined  
since 77

### PERFORMANCE

Working height, max. (662 lbs / 882 lbs)	98 ft 5 in / 88 ft 6 in
Working height, max. (both sides narrow)	82 ft
Platform height (661 lbs / 882 lbs)	91 ft 10 in / 82 ft
Platform height, max. ( both side narrow)	75 ft 5 in
Horizontal outreach, max. (882 lbs)	41 ft 7 in
Horizontal outreach, max. (661 lbs)	45 ft 11 in
Horizontal outreach, max. (176 lbs)	55 ft 9 in
Horizontal outreach, max. (both sides narrow)	47 ft 6 in
Platform capacity, max.	882 lbs
Platform capacity, max. (both sides narrow)	551 lbs
Jib, movable	180 °
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16.7 ° / 30.0 %
Track drive, height- and width-adjustable	9 / 8 in
Gradeability, max.	16.7 ° / 30.0 %
Slope angle, max.	21.0 ° / 38.0 %
Travel speed, max.	1.85 mph

### MEASUREMENTS\*

Platform (height) (A)	3 ft 7 in
Platform (length) (B)	3 ft 11 in
Platform (width) (C)	2 ft 7 in
Length (D)	25 ft 3 in
Length without platform (E)	24 ft 7 in
Height (F)	6 ft 5 in
Width, min. (G)	5 ft 2 in
Ground clearance, max. (H)	1 ft 4 in
Track (length x width) (I)	6 ft 3 in x 9 in
Stabilizer footprint both side wide (length) (J)	18 ft 4 in
Stabilizer footprint both side wide (width) (K)	18 ft 4 in
Stabilizer footprint one side narrow (length) (L)	24 ft 9 in
Stabilizer footprint one side narrow (width) (M)	14 ft 1 in
Stabilizer footprint both sides narrow (width) (N)	9 ft 9 in
Stabilizer plate (length x width)	1 ft x 8 in

### WEIGHT\*

Total weight	11,500 lbs
Live load in travelling position	4.10 kN/m
Live load in working position	1.70 kN/m
Point load per outrigger plate, max.	32.00 kN

### POWER SOURCES

Standard power sources:

Electric motor	(230 V, 12.9 A, 2.2 kW)
Combustion engine (Diesel)	Kubota D902 (16.1 kW / 21.6 hp)

Optional power source:

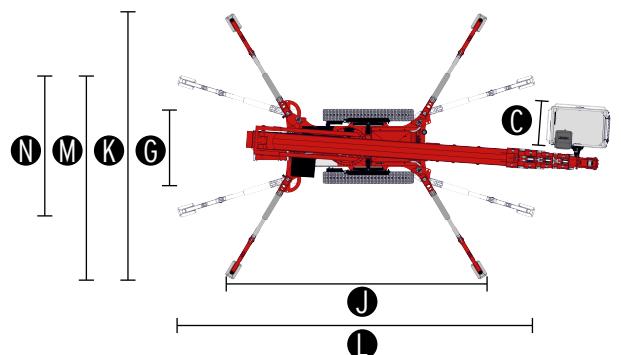
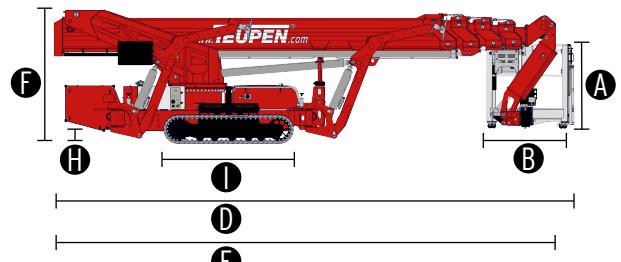
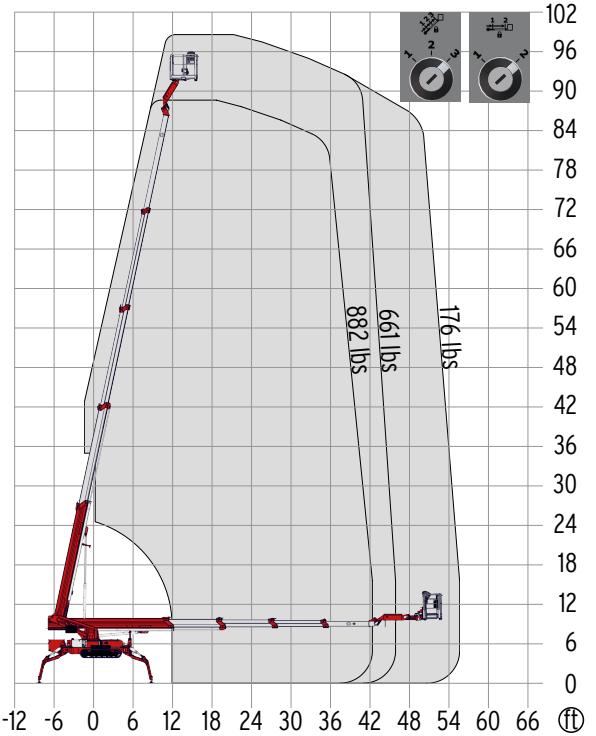
Battery drive (RFB)	80 V
Fuel tank capacity (Diesel engine)	10.30 gal

### POWER SUPPLY

Electric current, max.	115 V / 20 A
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The technical data may deviate +/- 3 % from the specified values.

\* Weight and dimensions may vary depending on options and accessories.



### STANDARDS



EN ISO 9001



ANSI/SIA A92.5-2006

section 4 & CSA

B354.1-2004

\*Design & manufacture criteria\*

# Features



## CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring via sensitive remote control
- White, non-marking rubber tracks with specially arranged profile for optimal grip
- Hydraulically height- and width-adjustable crawler track drive

## STABILIZATION

- Electrohydraulic stabilizers with automatic levelling and ground pressure sensor system
- Variable stabilization system with one side or both sides narrow setup option
- stabilizer pads, steel

## BOOM SYSTEM

- Boom system made of steel/aluminium boom tubes
- All functions available via radio remote control
- Stepless, electrical proportional control system with intuitive operation
- Robust, lockable control panel
- Parallel guided platform with electro hydraulic levelling
- 180° platform rotation for additional flexibility
- Turntable rotation via high-performance slewing ring and hydraulic motor
- Platform changing system
- Coming home and memory function - can be stored for any point on the work diagram and the point can be accessed once more at the touch of a button
- Radio control with display, two-line
- Height cut-off for boom system, 2 set points
- Horizontal outreach, selectable
- Switching, platform capacity (661 lbs / 882 lbs)

## POWER SOURCE

- Electric motor (230 V, 12.9 A, 2.2 kW)
- Diesel engine Kubota D902 (16.1 kW / 21.6 hp)
- Start-stop device for combustion engine via radio control

## PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via electric pump
- Additional hydraulic drive for boom recovery via platform control
- Power socket in the platform (115 V / 13 A)
- 2 LED headlights (drive unit)
- Detachable platform, attachment points for safety harnesses and tool tray
- Drive operation without platform possible
- Lockable storage box
- Protected, internal power track for platform control
- Hydraulic system filled with biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
  - Hydraulic cylinders in RAL 9006 (grey)
- Unlockable check valves located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected

\* Weight and dimensions may vary depending on options and accessories.

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## PRODUCTIVITY, SAFETY, QUALITY

- Hour meter
- Fuzzy control technology

## OPTIONS\*

- Battery drive (RFB) 80 V including charging device
- Custom paintwork, one colour, according to RAL scheme
  - (except metallic coatings, signal- or special colours)
- Custom paintwork, two colours, according to RAL scheme
  - (except metallic coatings, signal- or special colours)
- Water and air connection, platform

## ACCESSORIES\*

- Safety harness
- Track mat (78.8" x 31.5" x 0.6")
- 4 sliding pads (33.5" x 13.4" x 3.0")
- Storage frame for sliding pads, lockable
- Snap hook, boom tubes
- 2 protective track covers made of high-quality polypropylene fabric
- TOP level 1
- Additional display in the control box
- Tree package, including
  - Cover (hydraulik tank, fuel tank, control box)
  - 4 covers, piston rod (stabilizer)
  - Cover (gear box)
- Lighting package:
  - 8 flashlights (stabilizers)
  - 3 flashlights (turntable)
- 1 LED headlight (platform)
- Platform including platform support (35.5" x 31.5")
- Platform including platform support (59.1" x 31.5")
- Platform including platform support (78.74" x 31.5")
- Lifting device (992 lbs capacity)
  - Only in combination with additional display in the control box
- Copper strips, pivot point
- Platform ladder monitoring system with boom function cut-off



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