

# TEUPEN TC92SJ



## FEATURES

### CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering 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 leveling and ground pressure sensor system
- Variable stabilization system with one side or both sides narrow setup option

### 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 leveling
- 180° platform rotation for additional flexibility
- Turntable rotation via high-performance slewing ring and hydraulic motor
- Platform changing system
- Coming home function - automatic return of the boom into transport position

### POWER SOURCE

- Diesel engine Kubota D902 (16,1 kW / 21,6 hp)
- Start-stop device for combustion engine in the platform

### OPTIONS\*

- 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)

### PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic secondary lowering via hand pump
- Power socket in the platform (115 V / 13 A)
- 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, secondary control, connecting cables and hoses are mounted protected
- Hour meter
- Fuzzy control technology

### ACCESSORIES\*

- Safety harness
- Track mat (78.8 in x 31.5 in x 0.6 in)
- 4 sliding pads (33.5 in x 13.4 in x 3.0 in)
- 2 protective track covers made of high-quality polypropylene fabric
- 4 covers, piston rod (stabilizer)
- Tree package, including
  - » Cover (control box, turntable)
  - » Cover (telescopic cylinder hydraulic connection)
  - » 4 covers, piston rod (stabilizer)
- Height cut-off for boom system, 2 set points
- Platform ladder monitoring system with boom function cut-off
- Platform including platform support (35.5 in x 31.5 in)
- Hydraulic secondary lowering via electric pump
  - » This option can not be combined with battery drive
- TOP level 1



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## SPECIFICATIONS

### PERFORMANCE

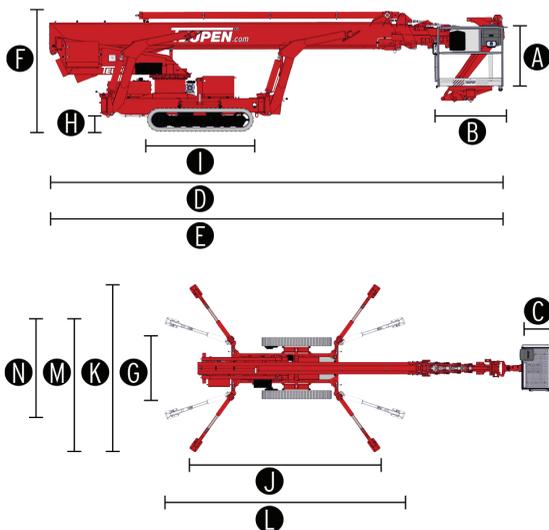
Max Working Height	98 ft 5 in
Max Platform Height	91 ft 10 in
Horizontal Outreach with 441 lbs	45 ft 11 in
Horizontal Outreach with 176 lbs	61 ft 4 in
Max Platform Capacity	441 lbs
Movable Jib	180°
Platform Rotation	180°
Max Turntable Rotation	450°
Stabilization, Maximum Ground Slope	16,7° / 30,0 %
Height and Width Track Adjustment	8 / 6 in
Gradeability, Max	16,7° / 30,0 %
Slope Angle, Max	16,7° / 30,0 %
Travel Speed, Max	1.9 mph

### WEIGHT\*

Total Weight	9,480 lbs
Live Load in Traveling Position	77.2 psf
Live Load in Working Position	41.7 psf
Point load per outrigger plate, max.	5,845 lbf

### POWER SOURCES

Standard Power Sources:	
Combustion engine (Diesel)	Kubota D902 (16,1 kW / 21,6 hp)
Fuel Tank Capacity (Diesel Engine)	10.06 gal



### MEASUREMENTS\*

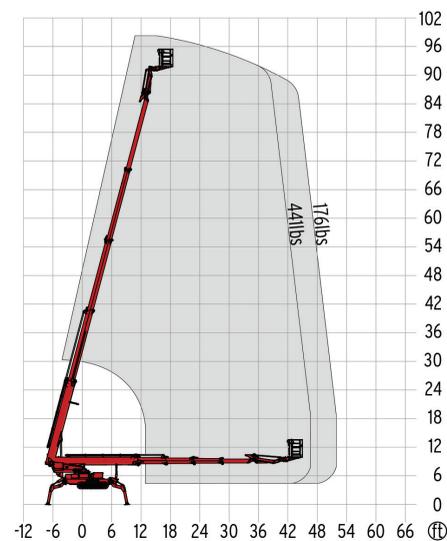
Platform Height (A)	3 ft 7 in
Platform Length (B)	3 ft 11 in
Platform Width (C)	2 ft 7 in
Length, overall (D)	23 ft 7 in
Length without Platform (E)	23 ft 7 in
Travel Height (F)	6 ft 5 in
Width, min. (G)	5 ft 2 in
Max Ground Clearance (H)	10 in
Track (LxW) (I)	6 ft 3 in x 9 in
Stabilizer footprint both side wide (length) (J)	17 ft 4 in
Stabilizer footprint both side wide (width) (K)	15 ft 7 in
Stabilizer footprint one side narrow (length) (L)	21 ft 9 in
Stabilizer footprint one side narrow (width) (M)	12 ft 11 in
Stabilizer footprint both sides narrow (width) (N)	9 ft 9 in
Stabilizer plate Ø	12 in x 8 in

### POWER SUPPLY

Electric current, max.	115 V / 13 A
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\* Weight and dimensions may vary depending on options and accessories

### WORKING ENVELOPE



EN ISO 9001



ANSI/SIA A92.20

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