

Specifications

TC82AJ plus

TEUPEN[®]
...access redefined

since '77

PERFORMANCE

Working height, max.	88 ft
Platform height, max.	82 ft
Horizontal outreach, max. (220 lbs)	48 ft
Horizontal outreach, max. (551 lbs)	41 ft
Negativ reach, max.	16 ft
Up and over clearance, max.	39 ft
Platform capacity, max. (Aluminum)	551 lbs
Platform capacity, max. (GRP)	348 lbs
Fly jib, movable	165°
Platform, rotatable	180°
Turntable rotation, max.	450°
To be elevated up on ground slope of	16,7° / 30,0 %
Track drive, height- and width-adjustable	10 in / 1 ft 4 in
Gradeability, max.	16,7° / 30,0 %
Slope angle, max.	16,7° / 30,0 %
Travel speed, max.	1.55 mph

MEASUREMENTS*

Platform (height) (A)	3 ft 7 in
Platform (length) (B)	2 ft 3 in
Platform (width) (C)	2 ft 3 in
Length (D)	21 ft 3 in
Length without platform (E)	21 ft 1 in
Height (F)	6 ft 6 in
Width, min. (G)	2 ft 11 in
Ground clearance, max. (H)	1 ft
Track (length x width) (I)	4 ft 11 in x 9 in
Stabilizer:	
■ wide (length) (J) X (width) (K)	16 ft / 15 ft 5 in
■ narrow (length) (L) X (width) (M)	21 ft 3 in / 9 ft 9 in
■ left or right narrow (width) (N)	12 ft 9 in
■ front or back narrow (length) (O)	18 ft 7 in
Stabilizer plate Ø	7 in

WEIGHT*

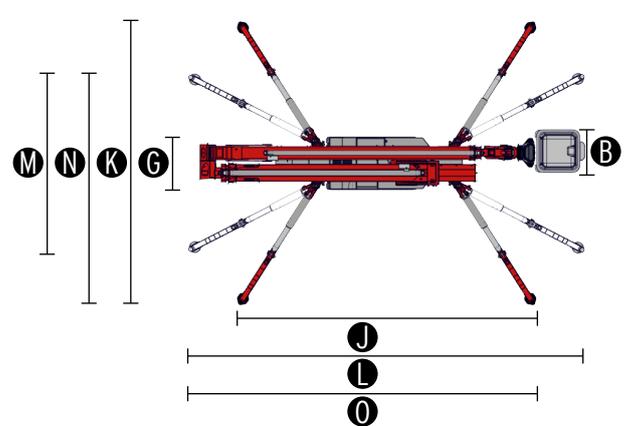
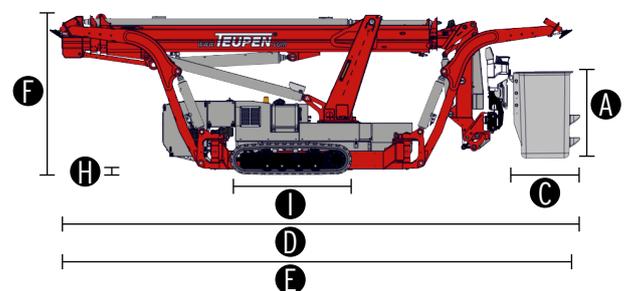
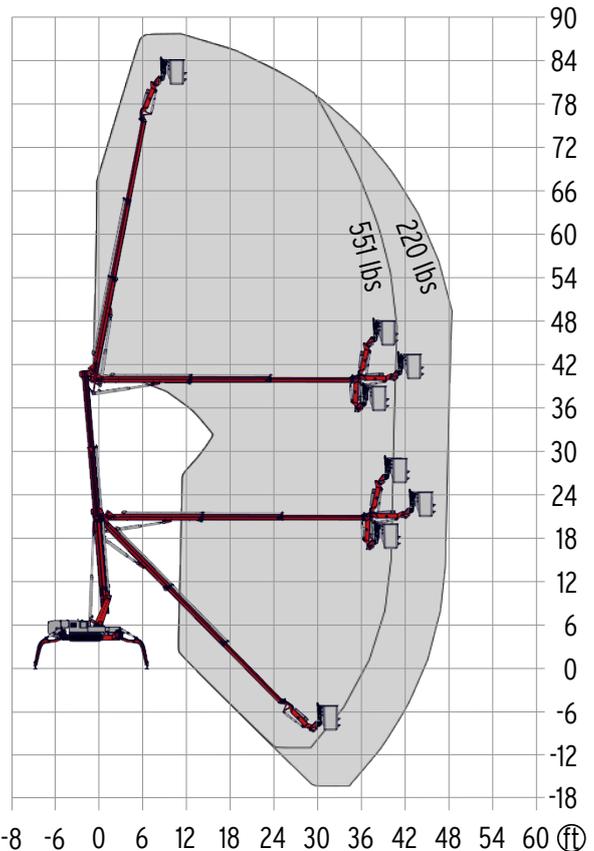
Total weight	8488 lbs
Live load in travelling position	102.30 psf
Live load in working position	36.50 psf
Point load per outrigger plate, max.	6.519 lbf

POWER SOURCES

Standard power sources:	
■ Combustion engine (Diesel)	Kubota Z602 (10,8 kW / 14,5 hp)
Fuel tank capacity (Diesel engine)	3,04 gal

POWER SUPPLY

Electric current, max.	115 V / 13 A
------------------------	--------------



STANDARDS

EN ISO 9001

TUV NORD
TUV SUD
TUV
ANSI/SAIA A92.20:2021
CSA B354.6:17
"Design & manufacture criteria"

* The technical data may deviate +/- 3% from the specified values.
* Weight and dimensions may vary depending on options and accessories.

Features

TC82AJ plus



CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring via sensitive remote control
- Outdoor non-marking rubber tracks, with less tread depth the profile enables smooth travelling
- Hydraulically height- and width-adjustable crawler track drive

STABILIZATION

- Electrohydraulic stabilizers with automatic levelling and ground pressure sensor system
- Variable Stabilizer system
 - wide supported
 - narrow supported
 - left or right wide/narrow supported
 - front or back wide/narrow supported
- Tree package, including
 - 4 covers, piston rod (stabilizer)
- Wear resistant, ant-friction outrigger pads

BOOM SYSTEM

- Telescopic lower and upper boom
- All functions available via radio remote control
- Platform positioning into negative work area up to 16 ft below set up level
- 180° platform rotation for additional flexibility
- Fly jib movable by 165°
- Platform changing system
- Platform (GRP) including platform support (27.55" x 27.55")
 - Attention, machine is not insulated!
- Coming home function - automatic return of the boom into transport position

POWER SOURCE

- Diesel engine Kubota Z602 (10,8 kW / 14,5 hp)
- Start-stop device for combustion engine via radio control

PRODUCTIVITY, SAFETY, QUALITY

- Power socket in the platform (115 V / 13 A)
- USB-Power socket in the platform (5V)
- Power socket in the platform (12V/5A)
- Drive operation without platform possible
- Lockable storage box
- Protected, internal power track
- Hydraulic system filled with biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
 - Hydraulic cylinders in RAL 9006 (white aluminium)
 - Engine unit & component support in RAL 9006 (white aluminium)
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected
- Additional hydraulic drive for boom recovery via platform control
- Colour display in the platform control panel
- Colour display at the chassis
- TEUPEN Fuzzy V control technology with new intuitive operating concept

OPTIONS*

- Custom paintwork, one colour, according to RAL scheme, no special colours
- Custom paintwork, two colours, according to RAL scheme, no special colours
- Water and air connection available at fly jib

ACCESSORIES*

- Safety harness
- Track mat (78.8" x 31.5" x 0.6")
- 4 sliding pads (27.6" x 8.7" x 2.4")
- 8 LED flashlights (stabilizers)
- 2 LED headlights (drive unit)
- 3 LED flashlights (turntable)

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

Product specifications are subject to change without notice or obligation. Photographs and drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, expressed or implied. Products and services listed may be trademarks, service marks or trade-names of TEUPEN Maschinenbau GmbH and/or its subsidiaries in the U.S.A. and many other countries. "TEUPEN", "Access redefined" and "LEO Series" are registered Trademarks of TEUPEN GmbH in the United States of America and many other countries. © 2021 TEUPEN Maschinenbau GmbH.

CONTACT

TEUPEN North America Inc.

10701 Southern Loop Blvd.
Charlotte (Pineville), NC 28134
USA

Phone (704) 248-9888
Fax (704) 248-9889
E-mail info@teupen-usa.com



2023-A_en-US