ENGINE POWERED TELESCOPIC BOOM LIFTS

TB14J PLUS (TB460J PLUS)

Compliant with CE/ANSI/CSA/AS standards

www.sinoboom.eu

PRODUCT HIGHLIGHTS



Easy Transport

- The three-section boom design benefits machine transport, allowing one container and a low-bed trailer to transport 2 machine units due to its compact transport length of only 5.88m

Heavy Load Capacity

- It inherits the perfect features of the Sinoboom Plus boom lifts series, with a leading three-stage heavy-load platform capacity of 454 kg or 340 kg when restricted, 250 kg when unrestricted. This capacity sets it apart from others in its class on the market

Excellent Rough Terrain Performance

- The active oscillating axle function is a standard feature across Sinoboom boom lifts, including the TB14J Plus. It allows the machine to work and travel both in boom stowed and raised status on uneven and rough terrain ground while always keeping all four wheels in contact with the ground, even when one wheel drops into a pothole. This provides high stability and work efficiency for users at job sites
- With powerful 4-wheel drive and a 40% gradeability, it allows for travel on steep slopes on most job sites

Proportional Controls

- The platform control box is equipped with 3 joysticks with full-proportional controls for boom lifting, telescoping, turntable rotation, and driving speed
- Operating with smooth starting and stopping will help you approach your job site target smoothly and precisely

Standard Features		
Active oscillating axle function	7-in display screen	4WD × 2WS
Proportional control with 3 joysticks	Automotive-grade sleeves for all hoses	Load weighing system
Hydraulic platform leveling	AC power to platform	Emergency stop system
Tilt protection system	Max tilt rating to 5°	Emergency lowering system
Flashing beacon	Horn & buzzer	Fault diagnosis system
Footswitch	2.44m(8') 3-entry platform with swing gate	Telematics-ready connector
Manual storage box	Secondary guarding device	Foam-filled tires
Options & Accessories		
Solid tires/Solid non-marking tires	Foam-filled non-marking tires	1.45m (4'9") platform
1.83m(6') work platform	Half mesh (for platform with swinging gate)	Glazier kit (for platform with swing gate)
AC generator	Overhead anti-collision device	Platform work light

SINOBOOM™

MHS MATERIAL HANDLING SOLUTIONS
Via Buffalora, 3 – 25135 Brescia
info@mhs.srl · www.mhs.srl

SINOBOOM.COM | SALES@SINOBOOM.COM
NO.128 EAST JINZHOU AV., NINGXIANG HI-TECH INDUSTRY PARK, CHANGSHA, HUNAN, CHINA, 410600

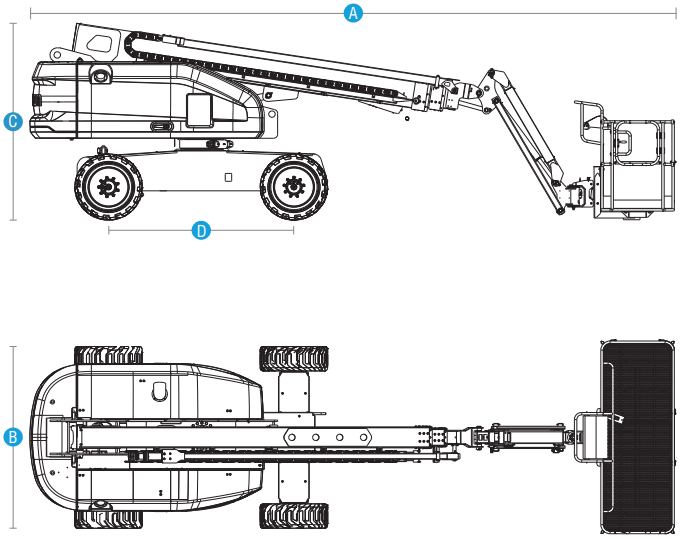
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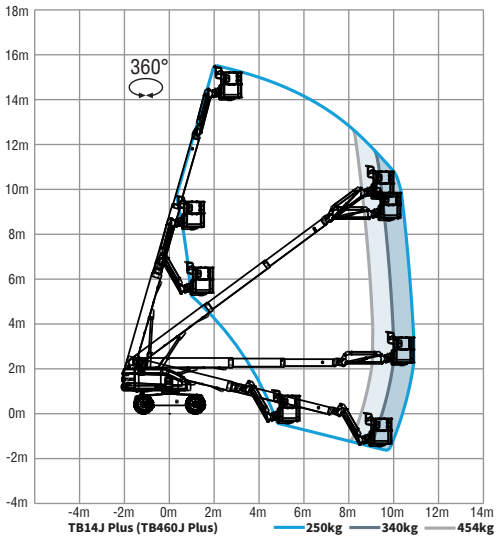
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Model	TB14J Plus (TB460J Plus)
Dimensions	
Max Platform Height	14.1 m (46'3")
Max Working Height	16.1 m (52'10")
Max Horizontal Reach (Restricted/Unrestricted)	9.1 m/10 m/10.9 m (29'10"/32'10"/35'9")
A Stowed Length	7.99 m (26'3")
B Overall Width	2.3 m (7'6")
C Stowed Height	2.49 m (8'2")
Stowed Length (Transport)	5.88 m (19'3")
Stowed Width (Transport)	2.3 m (7'6")
Stowed Height (Transport)	2.81 m (9'3")
D Wheelbase	2.3 m (7'6")
Ground Clearance	0.37 m (1'3")
Platform Size (L×W×H)	2.44 m×0.91 m×1.1 m (8'×3'×3'7")
Performance	
Max Platform Capacity (Restricted/Unrestricted)	454 kg/340 kg/250 kg (1,000 lbs/749 lbs/551 lbs)
Max Platform Occupants (Restricted/Unrestricted)	3 Persons/2 Persons
Drive Speed (Stowed)	0～4.8 km/h (0～3.0 mph)
Drive Speed (Raised)	0～0.8 km/h (0～0.5 mph)
Gradeability	40%
Turntable Rotation	360° / Continuous
Platform Rotation	160°
Tilt Rating	5°
Turning Radius (Inside/Outside)	1.82 m/4.78 m (6'/15'8")
Turntable Tail-Swing	0.98 m (3'3")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	33×12D610 (foam-filled)
Power	
Drive × Steer	4WDx2WS
Engine	18.4 kW/3000 rpm/ 3TNV80F-NXDSI /Yanmar/EU Stage V/EPA Tier 4F 18.5 kW/3000 rpm/ D1105-E4B-EU-X1/Kubota/EU Stage V/EPA Tier 4F
Hydraulic Tank Capacity	120 L (26.4 gal(UK)/31.7 gal(US))
Diesel Tank Capacity	100 L (22.0 gal(UK)/26.4 gal(US))
System Voltage	12 V DC
Weight	
Weight	7,300 kg (16,093 lbs)
Standards Compliance	CE/ANSI/CSA/AS





We reserve the right to make changes to specifications.
The above represents the current specifications at time of publications. 09. 2023