#### **ENGINE POWERED TELESCOPIC BOOM LIFTS**

# **TB14J PLUS (TB460J PLUS)**

Compliant with CE/ANSI/CSA/AS standards

#### **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	ry 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			

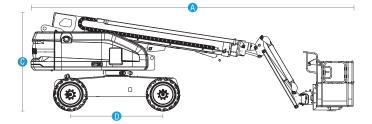


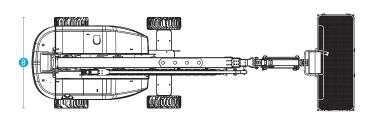
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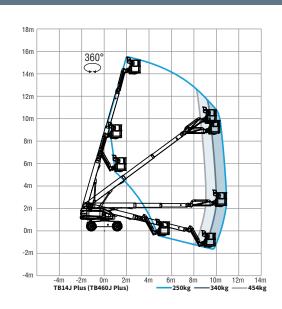
Model	TB14J Plus (TB460J Plus)			
Dimensions				
Max Platform Height	14.1 m (46'3")			
Max Working Height	16.1 m (52'10")			
Max Horizontal Reach (Restricted/Unrestricted)	9.1 m/10 m/10.9 m (29'10"/32'10"/35'9")			
A Stowed Length	7.99 m (26'3")			
B Overall Width	2.3 m (7'6")			
C Stowed Height	2.49 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 $\times$ W $\times$ 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))			

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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