

ENGINE POWERED ULTRA TELESCOPIC BOOM LIFTS

TB1900RJ PLUS

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Superior Platform Height

- Highest platform height in the industry

Superior Outreach

- Best horizontal outreach in its class

Intelligent Maintenance

- Industry-leading 7" color screen displays standard with Deutz fault codes and status information for easy reference and reducing downtime. Operators can complete tasks under the remote guidance of qualified service technicians. Convenient for fleet managers to quickly access live machine and maintenance information

Safe and Reliable

- Equipped with a Rexroth safety controller with dual backup CPUs and compliant with ISO 13849, combined with dual-channel sensors offering extremely safe redundancy



Standard Features

Fully proportional joystick controls	7-in color display screen	4WD x 4WS
Automatic platform leveling	Hydraulic cylinder protective covers	Weighing system
Tilt protection system	160° platform rotation	Emergency stop system
Flashing beacon	170° jib rotation	Auxiliary Emergency lowering system
Manual storage box	Horn & buzzer	Fault diagnosis system
Max tilt rating to 5°	8' (2.44 m) platform with swinging gate	Foam-filled tires
Secondary guarding device	AC power to the platform	

Options & Accessories

Glazier kit (For platform with swinging gate)	Platform work lights	Overhead anti-collision device
Half mesh (For platform with swinging gate)	Telematics	Foam-filled non-marking tires

SINOBOOM™
— NORTH AMERICA

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Model	TB1900RJ Plus
Dimensions	
Max Platform Height	190' (57.9 m)
Max Working Height	196' (59.7 m)
Max Horizontal Reach(Restricted/Unrestricted)	70'11" / 82'0" (21.61 m / 25 m)
A Stowed Length	65'10" (20.07 m)
B Stowed Width (Axles Retracted)	8'2" (2.49 m)
Width (Axles Extended)	16'5" (5 m)
C Stowed Height	10'2" (3.1 m)
Stowed Length (Transport)	47'11" (14.6 m)
Stowed Width (Transport)	8'2" (2.49 m)
Stowed Height (Transport)	10'2" (3.1 m)
D Wheelbase (Axles Retracted)	17'1" (5.2 m)
Wheelbase (Axles Extended)	15'0" (4.58 m)
Ground Clearance	1'1" (0.33 m)
Platform Size (L×W×H)	8'×3'×3'7" (2.44 m×0.91 m×1.1 m)
Performance	
Max Platform Capacity(Restricted/Unrestricted)	1,000 lbs/661 lbs (454 kg/300 kg)
Max Platform Occupants(Restricted/Unrestricted)	3 persons and tools/2 persons and tools
Drive Speed (Stowed)	2.8 mph (4.5 km/h)
Drive Speed (Raised)	0.3 mph (0.48 km/h)
Gradeability	45 %
Turntable Rotation	360° / Non-continuous
Platform Rotation	160°
Jib Rotation	170°
Tilt Rating	5°
Turning Radius (Axles Retracted)	23'3.5"/31'3" (7.1 m/9.52 m)
Turning Radius (Inside/Outside Axles Extended)	7' 5.8" / 21'5.5" (2.28m/6.54m)
Turntable Tail-Swing	11'9" (3.58 m)
Max Allowable Side Force	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)
Tire Spec/Type	445/50D710 24PR (Foam-filled)
Power	
Drive × Steer	4WD × 4WS
Engine	74.4 kW/2300rpm/TCD3.6 L4 Stage V+T4f/DETUZ/ EU Stage V
Hydraulic Tank Capacity	89.1 gal (UK)/107 gal (US) (405 L)
Diesel Tank Capacity	44 gal (UK)/52.8 gal (US) (200 L)
System Voltage	12 V DC
Weight	
Weight	60,848 lbs (27,600 kg)
Standards Compliance	
ANSI /CSA	

