

# TB16(TB530)/TB18J(TB590J)

Compliance with CE standards

## Product Highlights

### Economical and practical small and medium-sized models

- The working height of 18m(7'6") and 20m(65'7") cover most operational scenarios in off-road situations.

### Powerful off-road performance

- Up to 45% gradeability, and proprietary patented technology for anti-skid control to ensure a strong off-road capability

### Safe and reliable

- Simple and reliable

### Precision performance

- 3 joysticks with variable proportional control, boom swing, boom extension, turntable rotation and walking speed, smooth start and stop motion, accuracy in reaching the operation target

### Smart maintenance

- Smart 7" large-screen display, fault and status information display for easy viewing of machine status and fault diagnosis, parameters and settings

Standard features		
■ Platform hydraulic leveling	■ 7-inch screen	■ Dual-speed drive motor
■ Platform 160° hydraulic rotation	■ Fault diagnosis system	■ Diverged/converged anti-slip system
■ Drive enable system	■ Swing-out engine	■ Patented anti-slip
■ 3 joysticks with variable proportional control	■ Engine restart protection	■ 4-wheel brake
■ Automotive style all tube protection	■ Engine malfunction automatic shutdown	■ Emergency brake release
■ Horn and buzzer alarms	■ Engine preheating	■ 4WD
■ Rotating warning lamp	■ Emergency stop system	■ Outrigger oscillating axle
■ Tilt protection	■ Emergency lowering system	■ 360°continuous turntable rotation
■ Overload sensing system	■ Max allowable inclination up to 5°	
Optional features		
■ Optional 1.45m(4'9") work platform	■ Optional 2.44m(8')work platform	■ AC cable to platform
■ Hydraulic generator(3.5kW)	■ Headlight	■ Overhead anti-collision device
■ Outrigger without oscillating axle		

# SINOBOOM

Sinoboom Intelligent Equipment Co Ltd

📍 No.128 East Jinzhou Av., Ningxiang Hi-Tech Industry Park, Changsha, Hunan, China, 410600

🌐 www.sinoboom.com

✉ sales@sinoboom.com

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Model	TB16(TB530)		TB18J(TB590J)	
	Metric	US	Metric	US
Dimensions				
Max Platform Height	16.1m	52'10"	18m	59'11"
Max Working Height	18.1m	59'5"	20m	65'7"
Max Horizontal Extension	12.9m	42'4"	14.7m	48'3"
A Length-Stowed	8.23m	27'	9.33m	30'7"
B Width-Stowed	2.28m	7'6"	2.28m	7'6"
C Height-Stowed	2.43m	95.6"	2.43m	95.6"
D Wheelbase	2.44m	8'	2.44m	8'
Ground Clearance	0.23m	9"	0.23m	9"
Platform Dimensions(L×W×H)	1.83×0.85×1.1m	72×33.5×43"	1.83×0.85×1.1m	72×33.5×43"
<b>Performance</b>				
Platform Capacity(Unrestricted)	340kg	750lbs	250kg	551lbs
Turntable Rotation	360° continuous		360° continuous	
Platform Rotation	160°		160°	
Drive Speed-Stowed	6 km/h	3.7mph	6km/h	3.7mph
Drive Speed-Raised	1.1 km/h	0.68mph	1.1km/h	0.68mph
Gradeability	45%(4WD)		45%(4WD)	
Turning Radius-Inside	3.48m	11'5"	3.48m	11'5"
Turning Radius-Outside	6.29m	20'8"	6.29m	20'8"
Turntable Tailswing	0.86m	2'10"	0.86m	2'10"
Tilt Rating	5°		5°	
Max Operating Noise Level	82dB(A)		82dB(A)	
Drive×Steer	4WD×2WS		4WD×2WS	
Tyres-solid	33×12-20/Solid		33×12-20/Solid	
<b>Power</b>				
Engine	Perkins 404D-22, 35.7kW, EU Stage 3A/EPA Tier 3			
Auxiliary Power Unit	12V DC		12VDC	
Fuel Tank Capacity-Diesel	110L	24.2gal	110L	24.2gal
Hydraulic Tank Capacity	110L	24.2gal	110L	24.2gal
<b>Weight</b>				
Weight	10,270kg(4WD)	22,641lb(4WD)	10,410kg(4WD)	22,950lbs(4WD)
Standards compliance	CE			

