

TB40(TB1290)/TB42RJ(TB1370RJ)

Compliance with CE standards

Product Highlights

Mobility and powerful driving ability

- 4WD, 5 steering modes, flexible maneuvering, flexible movement even when outrigger is extended to 3.81 meters during operation The telescopic legs are also equipped with a floating device, which has excellent field adaptability and off-road performance on uneven ground
- 45% gradeability, and proprietary patented technology for anti-skid control to ensure a strong off-road capability

Precision performance

- 3 full-scale handle gradient control, boom swing, boom extension, turntable rotation and walking speed, smooth start and stop motion, accuracy in reaching the operation target

More efficient performance

- TB40 up to 340kg(unrestricted) and 480kg(restricted) rated load, TB42J up to 250kg(unrestricted) and 480kg(restricted) and a flying arm which can be horizontally rotated for higher operating efficiency

Safe Range Control

- Beyond the operating range, the boom automatically retracts to a safe range

Smart maintenance

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

Standard features		
■ Electrical leveling platform	■ Fault diagnosis system	■ Dual-speed drive motor
■ Platform 160° hydraulic rotation	■ Swing-out engine	■ Diverged/converged anti-slip system
■ Drive enable system	■ Engine restart protection	■ Patented anti-slip
■ 3 joysticks with variable proportional control	■ Engine malfunction automatic shutdown	■ Foam-filled tyres
■ Automotive-style all-tube protection	■ Engine preheating	■ 4-wheel brake
■ Horn and buzzer alarms	■ Emergency stop system	■ Emergency brake release
■ Rotating warning lamp	■ Emergency lowering system	■ 4WD
■ Tilt protection	■ Max allowable inclination up to 5°	■ 4 steering modes: front wheel steering, rear wheel steering, crab steering and 4-wheel steering
■ Overload sensing system	■ 360°continuous turntable rotation	■ Telescopic axle
■ 7-inch screen	■ Hydraulic cooler	
Optional features		
■ AC cable to platform	■ Hydraulic generator(3.5kW)	■ Platform Headlight
■ Overhead anti-collision device		

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Model		TB40(TB1290)		TB42RJ(TB1370RJ)	
Dimensions		Metric	US	Metric	US
Max platform height		39.2m	128'7"	41.6m	136'6"
Max Working Height		41.2m	135'2"	43.6m	143'0.5"
Max horizontal extension		23.2m	76'1"	23.2m	76'1"
Length-transport position		13.8m	45'3"	12.3m	40'4"
A Length-stowed		13.8m	45'3"	14.96m	49'1"
B Width-stowed		2.49m	8'2"	2.49m	8'2"
C Height-stowed		3.15m	10'4"	3.15m	10'4"
D Wheelbase		3.81m	12'6"	3.81m	12'6"
Ground clearance		0.65m	2'2"	0.65m	2'2"
Platform Dimension(L×W×H)		2.44×0.91×1.1m	96×36×43.3"	2.44×0.91×1.1m	96×36×43"
Performance					
Platform Capacity	Unrestricted	340kg/2 persons	750lbs/2 persons	250kg/2 persons	551lbs/2 persons
	Restricted	480kg/2 persons	1,058lbs/2 persons	480kg/2 persons	1,058lbs/2 persons
Turntable rotation		360° continuous		360° continuous	
Platform rotation		160°		180°	
Drive Speed-stowed		4.4km/h	2.7mph	4.4km/h	2.7mph
Drive Speed-raised		1.1km/h	0.68mph	1.1km/h	0.68mph
Gradeability		40%(4WD)		40%(4WD)	
Turning radius-inside		4.37m	14'4"	4.37m	14'4"
Turning radius-outside		6.81m	22'4"	6.81m	22'4"
Turntable tailswing		1.68m	5'6"	1.68m	5'6"
Tilt Rating		5°		5°	
Max operating noise level		82dB(A)		82dB(A)	
Drive×Steer		4WD×4WS		4WD×4WS	
Tyres-solid		445/50D710 18PR Foam-filled tyres		445/50D710 18PR Foam-filled tyres	
Power					
Power source(optional)		Cummins QSF2.8t3TC72, 54kW, China 3 emission standard/EU Stage 3A Deutz TD2.9L4, 55.4kW, USA EPA Tier 4f			
Auxiliary Power Unit		12V DC		12V DC	
Fuel tank capacity-diesel		200L	44gal	200L	44gal
Hydraulic tank capacity		250L	55gal	250L	55gal
Weight ***					
Weight		20,960kg 4WD	46,209lbs 4WD	21,230kg 4WD	46,804lbs 4WD
Standards compliance		CE			

