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 						

SINOBOOM

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TB40(TB1290)/TB42RJ(TB1370RJ) Compliance with CE standards

SINOBOOM

Platform Canacity	Model		TB40(TB1290)	TB40(TB1290)		TB42RJ(TB1370RJ)		
Max Working Height	Dimensions		Metric	US	Metric	US		
Max horizontal extension	Max platform height		39.2m	128'7"	41.6m	136'6"		
Length-transport position	Max Working Height		41.2m	135'2"	43.6m	143'0.5"		
A Length-stowed	Max horizontal extension		23.2m	76'1"	23.2m	76'1"		
B Width-stowed 2.49m 8 2° 2.49m 8 2° C Height-stowed 3.15m 10 4° 3.15m 12° 6° 3.81m 3.2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 2° 3.81m 3.2° 2° 3.81m 3.2° 2° 3.81m 3.2° 3° 3° 3° 3° 3° 3° 3° 3° 3° 3° 3° 3° 3°	Length-transport position		13.8m	45'3"	12.3m	40'4"		
C Height-stowed 3.15m 10.4° 3.15m 10.4° 10.4°	A Length-stowed		13.8m	45'3"	14.96m	49'1"		
D Wheelbase 3.81m 12'6' 3.81m 12'6'			2.49m	8'2"	2.49m	8'2"		
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 96×36×43.7° Performance Unrestricted 340kg/2 persons 750lbs/2 persons 250kg/2 persons 551lbs/2 persons Tourntable rotation 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 Drive Speed-raised 1.1km/h 0.68mph 1.1km/h 0.68mph Gradeability 40%(4WD) 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" Turning radius-outside 5'6' 1.68m 5'6" Turning radius-outside 480kg/2 persons 1.08m 5'6"	C Height-stowed		3.15m	10'4"	3.15m	10'4"		
Platform Dimension(LxWxH) 2.44x0.91x1.1m 96x36x43* 2.44x0.91x1.1m 96x36x43* Performance			3.81m	12'6"	3.81m	12'6"		
Platform Capacity	Ground clearance		0.65m	2'2"	0.65m	2'2"		
Platform Capacity Unrestricted 340kg/2 persons 750lbs/2 persons 250kg/2 persons 551lbs/2 persons 1,058lbs/2 persons 360° continuous 160° 180°	Platform Dimension(L×W×H)		2.44×0.91×1.1m	96×36×43.3"	2.44×0.91×1.1m	96×36×43"		
Restricted	Performance							
Restricted	DI II	Unrestricted	340kg/2 persons	750lbs/2 persons	250kg/2 persons	551lbs/2 persons		
Platform rotation 160° 180° 180°	Platform Capacity	Restricted	480kg/2 persons	1,058lbs/2 persons	480kg/2 persons	1,058lbs/2 persons		
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) 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° \$2dB(A) \$2dB(A)	Turntable rotation		360° continuous	360° continuous		360° continuous		
Drive Speed-raised 1.1km/h 0.68mph 1.1km/h 0.68mph Gradeability 40%(4WD) 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° 5° Max operating noise level 82dB(A) 82dB(A) 82dB(A) Drivex-Steer 4WDx4WS 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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	Platform rotation		160°	160°		180°		
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° 5° Max operating noise level 82dB(A) 82dB(A) 82dB(A) Drive×Steer 4WD×4WS 4WD×4WS 445/50D710 18PR Foam-filled tyres Power 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	Drive Speed-stowed		4.4km/h	2.7mph	4.4km/h	2.7mph		
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 4WD×4WS Tyres-solid 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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	Drive Speed-raised		1.1km/h	0.68mph	1.1km/h	0.68mph		
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° 5° Max operating noise level 82dB(A) 82dB(A) 82dB(A) Drive×Steer 4WD×4WS 4WD×4WS 4WD×4WS Tyres-solid 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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	Gradeability		40%(4WD)	40%(4WD)		40%(4WD)		
Turntable tailswing 1.68m 5'6" 1.68m 5'6" Tilt Rating 5° 5° 5° Max operating noise level 82dB(A) 82dB(A) 82dB(A) Drive×Steer 4WD×4WS 4WD×4WS 4WD×4WS Tyres-solid 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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 Fuel tank capacity-diesel 200L 44gal 200L 44gal Hydraulic tank capacity 250L 55gal 250L 55gal Weight ****	Turning radius-inside			14'4"	4.37m	14'4"		
Tilt Rating 5° 5°	Turning radius-outside		6.81m	22'4"	6.81m	22'4"		
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 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 Fuel tank capacity-diesel 200L 44gal 200L 44gal Hydraulic tank capacity 250L 55gal 250L 55gal	Turntable tailswing			5'6"		5'6"		
Drive×Steer 4WD×4WS 4WD×4WS Tyres-solid 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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	Tilt Rating			5°		•		
Tyres-solid 445/50D710 18PR Foam-filled tyres 445/50D710 18PR Foam-filled tyres Power 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 Fuel tank capacity-diesel 200L 44gal	Max operating noise level			82dB(A)				
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 Fuel tank capacity-diesel 200L 44gal 200L 44gal Hydraulic tank capacity 250L 55gal 250L 55gal Weight ****	Drive×Steer		4WD×4WS					
Cummins QSF2.8t3TC72, 54kW, China 3 emission standard/EU Stage 3A	Tyres-solid		445/50D710 18PR Foam	445/50D710 18PR Foam-filled tyres		445/50D710 18PR Foam-filled tyres		
Deutz TD2.9L4, 55.4kW, USA EPA Tier 4f	Power							
Auxiliary Power Unit 12V DC Fuel tank capacity-diesel 200L 44gal 200L 44gal Hydraulic tank capacity 250L 55gal 250L 55gal Weight ***				· · · · · · · · · · · · · · · · · · ·				
Fuel tank capacity-diesel 200L 44gal 200L 44gal Hydraulic tank capacity 250L 55gal 250L 55gal Weight ***								
Hydraulic tank capacity 250L 55gal 250L 55gal 250L 55gal Weight ***				Adval		441		
Weight ***								
			250L	55gal	250L	55gal		
WEIGHT 2U.90UKQ 4WD 46.8U4IDS 4WD 21.23UKQ 4WD 46.8U4IDS 4			00.000kg 4MD	4C 000lb- 4MD	04 000kg (MID	46 0041h - 414/D		
	Standards compliance			46,209IDS 4WD	21,230kg 4WD	46,8U4IDS 4WD		





