

Product Highlights

The most appropriated working height

- The working heights are 22m(72'2") and 24m(78'9"), 2m(6'7") higher than the industry standard; The most appropriated working height, the most mature and reliable models which cover most construction heights

Powerful Off-Road Performance

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

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" 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
■ Drive enable system	■ Swing-out engine	■ Anti-slip system
■ 3 joysticks with variable proportional control	■ Engine restart protection	■ Patented anti-slip
■ Automotive-style all-tube protection	■ Engine malfunction automatic shutdown	■ Foam-filled tyres
■ Horn and buzzer alarms	■ Engine preheating	■ 4-wheel brake
■ Rotating warning lamp	■ Emergency stop system	■ Emergency brake release
■ Tilt protection	■ Emergency lowering system	■ 4WD
■ Overload sensing system	■ Max allowable inclination up to 5°	■ Outrigger oscillating axle
	■ 360°continuous turntable rotation	
Optional features		
■ Optional 1.45m(4'9") work platform	■ Optional 1.83m(6')work platform	■ Optional solid tyre
■ AC cable to platform	■ Hydraulic generator(3.5kW)	■ Headlight
■ Overhead Anti-collision device	■ 2WD	■ 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

TB20(TB680)/TB22J(TB730J)

Compliance with CE/ANSI/CSA standards

Model		TB20(TB680)		TB22J(TB730J)	
Dimensions		Metric	US	Metric	US
Max Platform Height		20.6m	67'7"	22.2m	72'10"
Max Working Height		22.6m	74'2"	24.2m	79'5"
Max Horizontal Extension		17.1m	56'1"	16.6m	54'5.5"
A Length-Stowed		9.57m	31'5"	11.2m	36'9"
B Width-Stowed		2.49m	8'2"	2.49m	8'2"
C Height-Stowed		2.84m	9'4"	2.84m	9'4"
D Wheelbase		2.49m	8'2"	2.49m	8'2"
Ground Clearance		0.45m	1'6"	0.45m	1'6"
Platform Dimensions(L×W×H)		2.44×0.91×1.1m	96×36×43"	2.44×0.91×1.1m	96×36×43"
Performance					
Platform Capacity	Unrestricted	250kg, 2 persons	551lbs, 2 persons	250kg, 2 persons	551lbs, 2 persons
	Restricted	480kg, 2 persons	1,058lbs, 2 persons	-	-
Turntable Rotation		360°		360°	
Platform Rotation		160°		160°	
Drive Speed-Stowed		6.3km/h(2WD) / 4.8km/h(4WD)	4mph/h(2WD) / 3mph/h(4WD)	6.3km/h(2WD) / 4.8km/h(4WD)	4mph/h(2WD) / 3mph/h(4WD)
Drive Speed-Raised		1.1km/h	0.68mph	1.1km/h	0.68mph
Gradeability		30%(2WD)/45%(4WD)		30%(2WD)/45%(4WD)	
Turning Radius-Inside		2.4m	7'10.5"	2.4m	7'10.5"
Turning Radius-Outside		5.6m	18'4.5"	5.6m	18'4.5"
Turntable Tailswing		1.42m	4'8"	1.42m	4'8"
Tilt Rating		5°		5°	
Max Operating Noise Level		82dB(A)		82dB(A)	
Drive×Steer		2WD×2WS/4WD×2WS		2WD×2WS/4WD×2WS	
Tyres-solid		36×14-20/Solid		36×14-20/Solid	
Power					
Power Source(Optional)		Cummins QSF2.8t3NA60, 43kW, EU Stage 3A/EPA Tier 3 Deutz TD2.9L4, 55.4kW, USA EPA Tier 4f			
Auxiliary Power Unit		12V DC		12V DC	
Fuel Tank Capacity-Diesel		160L	35.2gal	160L	35.2gal
Hydraulic Tank Capacity		170L	37.4gal	170L	37.4gal
Weight					
Weight		12,018kg(2WD) / 12,088kg(4WD)	26,495lbs(2WD) / 26,649lbs(4WD)	12,165kg(2WD) / 12,235kg(4WD)	26,819lbs(2WD) / 26,974lbs(4WD)
Standards Compliance		CE/ANSI/CSA			

