

AB15 (AB490) / AB15J (AB480J)

Compliant with CE standards

Product Highlights

Suitable for narrow spaces

- Narrow body of 1.9m (6'3") with almost zero tail sweep

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

Industry-Leading adaptability

- Maximum allowable inclination angle up to 5°

Standard features		
■ Platform hydraulic leveling	■ Display screen	■ Engine restart protection
■ Platform 160° hydraulic rotation	■ Fault diagnosis system	■ Engine malfunction automatic shutdown
■ Drive enable system	■ Emergency stop system	■ Engine preheating
■ Full proportional handle variant control	■ Emergency lowering system	■ Emergency brake release
■ Horn and buzzer alarms	■ Max allowable inclination up to 5°	■ Solid tyres
■ Rotating warning lamp	■ 355° continuous turntable rotation	■ 4WD
■ Tilt protection	■ Swing-out engine	■ Foam-filled tyres
■ Overload sensing system		
Optional features		
■ Headlight	■ AC cable to platform	■ Optional 1.83m(6') workplatform
■ Overhead anti-collision device	■ 2WD	■ IOT-based operation monitoring

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Engine Powered Articulated Boom Lifts

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Model	AB15 (AB490)		AB15J (AB480J)	
Dimensions	Metric	US	Metric	US
Max Platform Height	14.8m	48'7"	14.7m	48'3"
Max Working Height	16.8m	55'1.5"	16.7m	54'9.5"
Max Horizontal Extension	7.62m	25'	8.5m	27'11"
Max Up and Over Clearance	7.2m	23'7.5"	7.2m	23'7.5"
A Length-Stowed	5.6m	18'4.5"	7.35m	24'1"
B Width-Stowed	2.26m	7'5"	2.26m	7'5"
C Height-Stowed	2.22m	7'3"	2.22m	7'3"
D Wheelbase	2.03m	6'8"	2.03m	6'8"
Ground Clearance	0.32m	12.6"	0.32m	12.6"
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"
Performance				
Lift Capacity	250kg (2 Persons)	551lbs (2 Persons)	250kg (2 Persons)	551lbs (2 Persons)
Turntable Rotation	355°		355°	
Platform Rotation	160°		160°	
Drive Speed-stowed	7km/h 2WD / 5km/h 4WD	4.4mph 2WD / 3.1mph 4WD	7km/h 2WD / 5km/h 4WD	4.4mph 2WD / 3.1mph 4WD
Drive Speed-Raised	1.1km/h	0.68mph	1.1km/h	0.68mph
Gradeability	30%(2WD) / 40%(4WD)		30%(2WD) / 40%(4WD)	
Turning Radius-Inside	1.8m	5'11"	1.8m	5'11"
Turning Radius-Outside	4.5m	14'9"	4.5m	14'9"
Turntable Tailswing	0		0	
Tilt Rating	5°		5°	
Max Operating Noise Level	82dB(A)		82dB(A)	
Drive x Steer	4WD×2WS		4WD×2WS	
Tyres Spec/Type	33×12-20/solid		33×12-20/solid	
Power				
Power source (optional)	Perkins 404D-22, 35.7kW, EU Stage 3A/EPA Tier 3			
	Deutz D2011L3I, 36.3kW, EU Stage 3A/EPA Tier 3			
Auxiliary Power Unit	12V DC		12V DC	
Fuel Tank Capacity-Diesel	70L	15.4gal	70L	15.4gal
Fuel Tank Capacity	112L	24.6gal	112L	24.6gal
Weight				
Weight	7,100kg 2WD/7,300kg 4WD	5,653lbs 2WD/16,094lbs 4WD	7,080kg 2WD/7,280kg 4WD	15,609lbs 2WD/16,050lbs 4WD
Standards Compliance	CE			

