

450AJ Series II

Diesel Powered Articulating Boom Lifts

450 Articulating Series

Features

- Compact Dimensions and Zero Tailswing – To reach tight spaces that other lifts can't reach
- Rapid function speeds for increased productivity and efficiency
- Intuitive layout of controls provides ease of use and reduced familiarisation time

Quick Specs

- Platform Height Elevated – 13.72 m
- Overall Width – 1.98 m
- Platform Capacity – 230 kg



450AJ Series II Specifications

Reach Specifications

Platform Height	45' / 13.72 m
Horizontal Outreach	24' 6" / 7.47 m
Up and Over Height	25' 2" / 7.67 m
Swing	360° Non-Continuous
Platform Capacity	500 lb / 227 kg
Platform Rotator	180° Hydraulic
Jib (Range of Articulation)	145° (+78, -67)

Dimensions

Platform Size	30 x 72" / 0.76 x 1.83 m
Overall Width	6' 10" / 2.08 m
Tailswing	Zero
Stowed Height	7' 5" / 2.26 m
Stowed Length	21' 5" / 6.53 m

* Certain options or country standards increase weight.

** Semi-Track option.

*** Ground bearing pressure applies to standard tires.

Wheelbase	6' 6" / 1.98 m
Ground Clearance	14" / 36 cm
Weight*	16,000 lb / 7,257 kg
Max. Ground Bearing Pressure***	36 psi / 2.5 kg/cm ²

Power Source

Dual Fuel Engine	GM Vortec 3000 MPFI, 82 hp / 61 kW
Diesel Engine	Perkins 404C-22 49 hpCaterpillar C2.2 50 hp / 36.5 kW37.2 kW
Fuel Tank Capacity	16.5 gal. / 62.46 L
Hydraulic Reservoir	30 gal. / 113.56 L
Auxiliary Power	12V DC
Noise Level	70 dBa @ 7 meters

Chassis

Drive Speed 2WD	3.5 mph / 5.6 kmph
Drive Speed 4WD	4.5 mph / 7.2 kmph
Gradeability 2WD	30%
Gradeability 4WD	45%
Turning Radius (Inside)	5' 8" / 1.73 m
Turning Radius (Outside)	14' / 4.27 m
Axle Oscillation	8" / 20 cm
Tire Size	33/1550 x 16.5
Tire Type	Superwide
Type of Tracks**	Open Bar Steel Track
Tracks Width**	12" / 30.5 cm