

Oscillating axle option for tough travel

Provides increased traction when travelling.



Semi-track Option with Floating idler

Assists when travelling through mud, sand and snow.



Articulating Jib*

Allows for greater versatility when positioning the platform around obstacles.

* Model 450AJ only.

JLG 450 SERIES

- Choice of models with up to a 15.5 m working height
- Fast boom and drive speeds improve work productivity
- Multiple simultaneous boom functions get you to the job quicker
- Proportional controls achieve smoother movement for operator comfort
 - Excellent manoeuvrability for positioning of machine and platform
 - Handle the roughest terrain with increased engine power

For more details check the JLG Technical Specification Guide or ask your local JLG representative.



Easy to follow layout of controls

Console designed for ease of use and rapid positioning control.



Operator's Tool Tray

Provides a handy storage area for tools, fasteners and other work materials.



Operator's Tool Tray

Provides a handy storage area for tools, fasteners and other work materials.

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ARTICULATING BOOM LIFTS

	ARTICULATING BOOM LIFTS	450A 450 Series II	450AJ 450 Series II
Up and Over Height 7.67 m 7.67 m Swing (non continuous) 360° 360° Platform Capacity - Unrestricted 220 kg 230 kg Platform Rotaroit (Hydraulic) 1.80° 1.70° Ub - Overall Length - 1.45° tr /78° / 67° Ub - Overall Length - 1.45° tr /78° / 67° Ub - Platform Sible 0.76 m x 1.83 m 0.76 m x 1.83 m B. Overall Width 1.98 m 1.98 m 1.98 m B. Overall Width 1.98 m 2.30 m 2.30 m C. Tailswing (working condition) Zero Zero Zero D. Stored Length 6.55 m 6.53 m 6.53 m F. Wheelbase 1.98 m 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m 0.36 m Gross Vehicle Weight 7.000 kg 7.100 kg 7.100 kg Maximum Ground Bearing Pressure 5.8 kg/cm² 5.6 km/h 5.6 km/h 5.6 km/h 5.6 km/h 5.6 km/h 5.6 km/h 7.2 km/h 7.2 km/h 7.2 km/h 7.2 km/h 7.2 km/h <td>Platform Height</td> <td>13.72 m</td> <td>13.72 m</td>	Platform Height	13.72 m	13.72 m
Swing from continuous) 360° 360° Platform Capacity - Unrestricted 230 kg 230 kg Platform Platform (Hydraulic) 180° 170° Ib- Overall Length — 145° (7874° 47°) Ib- Parage of articulation — 145° (7874° 47°) A. Platform Size 0.76 m x 1.83 m 0.76 m x 1.83 m B. Overall Width 1.98 m 1.98 m C. Talliswing (working condition) 2cro 2cro E. Stowed Length 6.50 m 6.53 m E. Wheelbase 1.98 m 1.98 m G. Ground Cearance 0.36 m 0.36 m Gross Vehicle Weight* 7.000 kg 7.100 kg Maximum Ground Bearing Pressure 5.8 km/h 5.6 km/h Drive Speed AWD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 2WD 30% 30% Mole Oscillation* 0.20 m 1.20 m Turning Rodius - Inside 1.73 m 1.73 m Turning Rodius - Outside 4.27 m 4.27 m	Horizontal Outreach	7.47 m	7.47 m
Perform Capacity - Unrestricted 230 kg 230 kg Platform Rotator (Hydraulic) 180° 170° Ib - Overall Length — 1.24 m Ib - Range of articulation — 1.45° (178°, 45°) A. Platform Size 0.76 m x 1.83 m 0.76 m x 1.83 m B. Overall Width 1.98 m 1.98 m C. Tallswing (working condition) Zero Zero D. Stowed Height 2.30 m 2.30 m E. Stowed Length 6.50 m 6.53 m F. Wheelbase 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m G. Ground Elering Pressure 5.3 kg/cm² 5.4 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradesbillity 2WD 30% 30% Gradesbillity 2WD 30% 45% Tyres (Fear Fillet) 12 x 16.5 12 x 16.5 Avice (Fear Fillet) 12 x 16.5 12 x 16.5 Liver (Fear Fillet) 4.27 m 4.27 m Die	Up and Over Height	7.67 m	7.67 m
Pelatorn Rotator (Hydraulic) 180° 170° Jib - Overall Length — 124 m Jib - Polerall Length — 145° (+78°) - 67°) A. Platform Size 0.76 m x 1.83 m 0.76 m x 1.83 m B. Overall Width 198 m 198 m C. Tallswing (working condition) Zero Zero D. Stowed Height 2.30 m 2.30 m E. Stowed Length 6.50 m 6.53 m E. Weebbase 1.98 m 1.98 m G. Gound Oberance 0.36 m 0.36 m Gross Vehicle Weight* 7,000 kg 7,100 kg Prive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gross Vehicle Wilder 12 x 16.5 12 x 16.5 Ale Oscillation* 0.20 m 0.20 m Tyres (Fran Filled) 12 x 16.5 12 x 16.5 Ale Oscillation* 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside <td>Swing (non continuous)</td> <td>360°</td> <td>360°</td>	Swing (non continuous)	360°	360°
District	Platform Capacity – Unrestricted	230 kg	230 kg
145° (+78°	Platform Rotator (Hydraulic)	180°	170°
A. Platform Size 0.76 m x 1.83 m 0.76 m x 1.83 m B. Overall Width 1.98 m 1.98 m C. Tallswing (working condition) Zero Zero D. Stowed Height 2.30 m 2.30 m E. Stowed Length 6.50 m 6.53 m F. Wheelbase 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m G. Ground Clearance 0.38 m 0.36 m Gross Vehicle Weight * 7,000 kg 7,100 kg Drive Speed 2WD 5.6 km/h 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foarn Filled) 12 x 16.5 12 x 16.5 Auto Cocillation* 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Doutz F3M101F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L 62.5 L	Jib – Overall Length	-	1.24 m
B. Overall Width 1.98 m 1.98 m C. Tallswing (working condition) Zero Zero D. Stowed Height 2.30 m 2.30 m E. Stowed Length 6.50 m 6.53 m F. Wheelbase 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m Gross Vehicle Weight ' 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 2WD 30% 30% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M101F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L 113.6 L	Jib - Range of articulation	-	145° (+78°/ -67°)
C. Tallswing (working condition) Zero Zero D. Stowed Height 2,30 m 2,30 m E. Stowed Length 6,50 m 6,53 m F. Wheelbase 1,98 m 1,98 m G. Ground Clearance 0,36 m 0,36 m G. Ground Elevation 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5,3 kg/cm² 5,48 kg/cm² Drive Speed 2WD 5,6 km/h 5,6 km/h Drive Speed 4WD 7,2 km/h 7,2 km/h Gradeability 2WD 30% 30% Gradeability 2WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0,20 m 0,20 m Turning Radius – Inside 1,73 m 1,73 m Turning Radius – Outside 4,27 m 4,27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62,5 L 62,5 L Hydraulic Reservoir 113,6 L 113,6 L 113,6 L	A. Platform Size	0.76 m x 1.83 m	0.76 m x 1.83 m
D. Stowed Height 2.30 m 2.30 m E. Stowed Length 6.50 m 6.53 m F. Wheelbase 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m Gross Vehicle Weight* 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	B. Overall Width	1.98 m	1.98 m
E. Stowed Length 6.50 m 6.53 m F. Wheelbase 1.98 m 1.98 m 6. Ground Clearance 0.36 m 0.36 m 7.000 kg 7.100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h 6. Gradeability 2WD 30% 30% 6. Gradeability 2WD 30% 30% 6. Gradeability 4WD 45% 45% 7. Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m 7. Turning Radius – Inside 1.73 m 1.73 m 7. Turning Radius – Outside 4.27 m 4.27 m 7. Diesel Engine (Deutz F3M1011F) 35 kW 35 kW 7. Fuel Tank Capacity 62.5 L 62.5 L 8. Hydraulic Reservoir 113.6 L 113.6 L	C. Tailswing (working condition)	Zero	Zero
F. Wheelbase 1.98 m 1.98 m G. Ground Clearance 0.36 m 0.36 m Gross Vehicle Weight ¹ 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foan Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	D. Stowed Height	2.30 m	2.30 m
G. Ground Clearance 0.36 m 0.36 m Gross Vehicle Weight* 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Avle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	E. Stowed Length	6.50 m	6.53 m
Gross Vehicle Weight¹ 7,000 kg 7,100 kg Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	F. Wheelbase	1.98 m	1.98 m
Maximum Ground Bearing Pressure 5.3 kg/cm² 5.48 kg/cm² Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	G. Ground Clearance	0.36 m	0.36 m
Drive Speed 2WD 5.6 km/h 5.6 km/h Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Gross Vehicle Weight ¹	7,000 kg	7,100 kg
Drive Speed 4WD 7.2 km/h 7.2 km/h Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Maximum Ground Bearing Pressure	5.3 kg/cm ²	5.48 kg/cm ²
Gradeability 2WD 30% 30% Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Drive Speed 2WD	5.6 km/h	5.6 km/h
Gradeability 4WD 45% 45% Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Drive Speed 4WD	7.2 km/h	7.2 km/h
Tyres (Foam Filled) 12 x 16.5 12 x 16.5 Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Gradeability 2WD	30%	30%
Axle Oscillation² 0.20 m 0.20 m Turning Radius – Inside 1.73 m 1.73 m Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Gradeability 4WD	45%	45%
Turning Radius – Inside 1.73 m 1.73 m 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) Fuel Tank Capacity Hydraulic Reservoir 1.73 m 4.27 m 4.27 m 4.27 m 1.73 m 4.27 m 4.27 m 1.73 m 4.27 m 4.	Tyres (Foam Filled)	12 x 16.5	12 x 16.5
Turning Radius – Outside 4.27 m 4.27 m Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Axle Oscillation ²	0.20 m	0.20 m
Diesel Engine (Deutz F3M1011F) 35 kW 35 kW Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Turning Radius – Inside	1.73 m	1.73 m
Fuel Tank Capacity 62.5 L 62.5 L Hydraulic Reservoir 113.6 L 113.6 L	Turning Radius – Outside	4.27 m	4.27 m
Hydraulic Reservoir 113.6 L 113.6 L	Diesel Engine (Deutz F3M1011F)	35 kW	35 kW
	Fuel Tank Capacity	62.5 L	62.5 L
Auxiliary Power 12V DC 12V DC	Hydraulic Reservoir	113.6 L	113.6 L
	Auxiliary Power	12V DC	12V DC

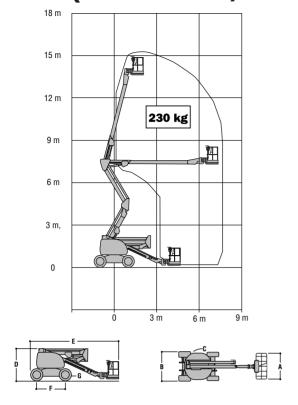
 $^{^{\}mbox{\tiny 1}}$ Certain options or country standards will increase weight.

Specifications may change to meet country standards or with the addition of optional equipment.



 $^{^{\}rm 2}$ Optional on models 450A and 450AJ.

JLG MODEL 450A (450 Series II)



JLG MODEL 450AJ (450 Series II)

