

GO FARTHER WITH A WIDER RANGE OF MOTION

When you're working around tricky architecture or smaller spaces where access can be limited, the 450AJ helps you stay on track. With a larger work envelope, you can extend your reach and increase your productivity. The exclusive Control ADE® (Advanced Design Electronics) system improves your performance and serviceability. Our familiar control system, used on other JLG® engine powered boom lifts, means less time training and more time working.

IMPROVED ACCESS

A standard articulating jib and over 19 ft (5.79 m) of outreach on the 340AJ and 25 ft (7.62 m) of outreach on the 450AJ let you access hard-to-reach places.



450AJ AND 340AJ



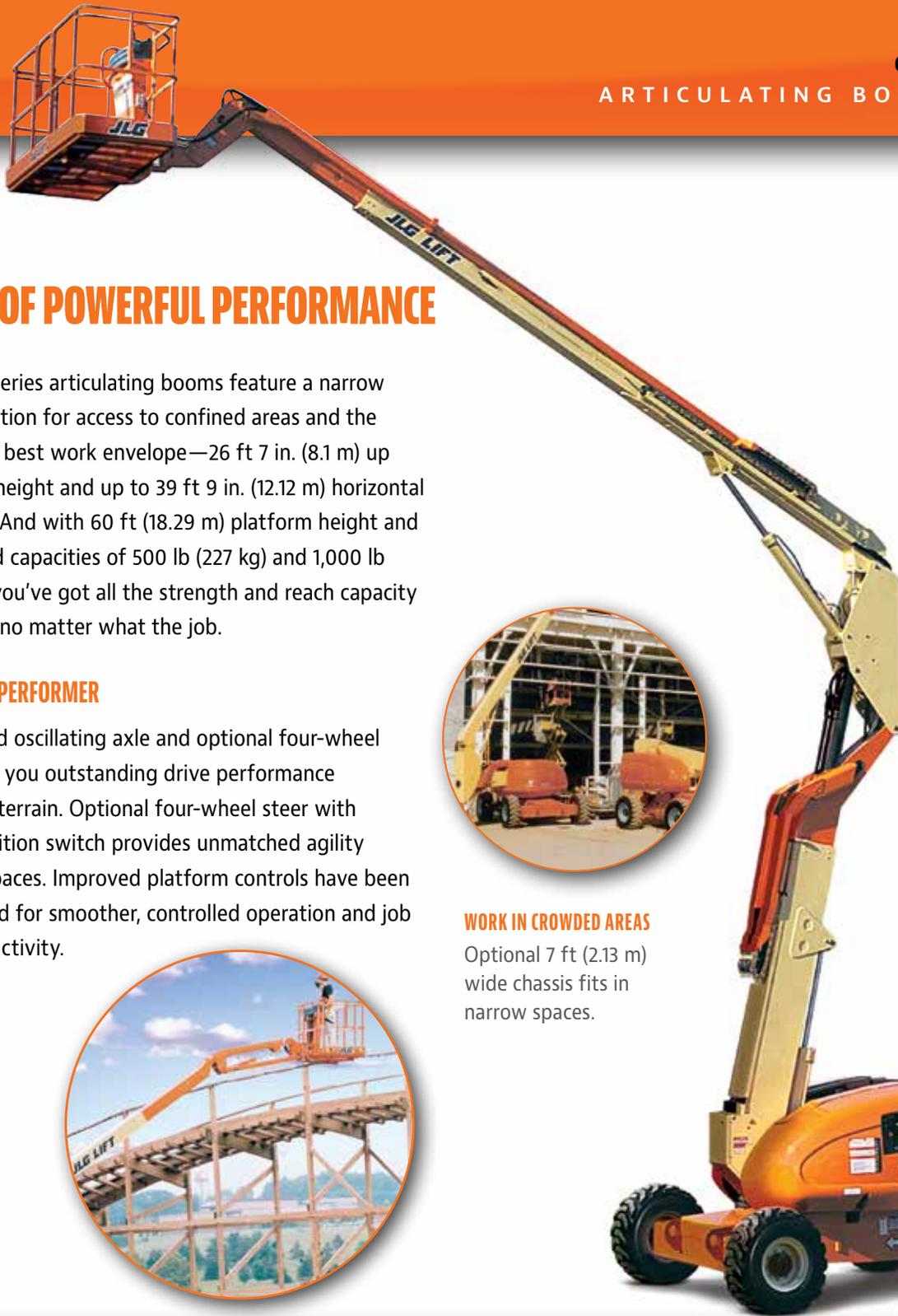
45% Gradeability

Improved rough terrain capabilities for optimal off-slab productivity.



Stay on the Job Longer

Provides better fuel efficiency to lower costs and increase uptime.



60 FT OF POWERFUL PERFORMANCE

The 600 Series articulating booms feature a narrow chassis option for access to confined areas and the industry's best work envelope—26 ft 7 in. (8.1 m) up and over height and up to 39 ft 9 in. (12.12 m) horizontal outreach. And with 60 ft (18.29 m) platform height and dual-rated capacities of 500 lb (227 kg) and 1,000 lb (454 kg), you've got all the strength and reach capacity you need no matter what the job.

VERSATILE PERFORMER

A standard oscillating axle and optional four-wheel drive give you outstanding drive performance on rough terrain. Optional four-wheel steer with three-position switch provides unmatched agility in tight spaces. Improved platform controls have been redesigned for smoother, controlled operation and job site productivity.



WORK IN CROWDED AREAS

Optional 7 ft (2.13 m) wide chassis fits in narrow spaces.



600 SERIES



Better Access

Jib-equipped models add 70 degrees of upward and 60 degrees of downward motion.



Go Anywhere

Four-wheel drive option and a standard oscillating axle provide superior terrainability.

RAISING SAFETY STANDARDS FOR AIRCRAFT MAINTENANCE

The ideal machine for working on aircraft of any size, the Model 740AJ features 74 ft (22.6 m) of height, over 51 ft (15 m) of outreach and includes the safety features you need when performing maintenance. Add the Fall Arrest platform, which allows you to exit the platform and move a full 270 degrees around the platform within a radius of six feet, while still having fall protection.

An optional on-board air compressor allows for pneumatic-powered hand tools, maximizing productivity.



OPTIONAL SOFT TOUCH SYSTEM

The Soft Touch System reduces the risk of accidental contact and damage during aircraft maintenance. This optional package features a suspended padded rail that surrounds the platform basket. Proximity sensors deactivate platform movement functions and alert the operator if the basket comes too close to the aircraft surface.

740AJ SERIES



Greater Access

Articulating jib allows for more precise positioning and access to all external surfaces on any aircraft.



Work in Any Area

Can be used in controlled and uncontrolled areas thanks to jet blast standards of 80 mph steady winds and 90 mph gusts.

GREATER PRODUCTIVITY— FROM THE GROUND UP

You can reach higher and get to your work faster with the 800 Series. Our exclusive QuikStik® boom takes you from the ground to 80 ft (24.38 m) in less than 50 seconds. Whether you're venturing on or off rough terrain, the 800 Series has all the strength and versatility you need.

EXTRA REACH AND IMPROVED PERFORMANCE

With the industry's best reach envelope—32 ft (9.75 m) of up and over and 51 ft (15.54 m) of outreach, there's no obstacle you can't handle. Be the boss of rough terrain thanks to improved traction from the oscillating axle and 45% gradeability.



BETTER MACHINE PERFORMANCE

Advanced Design Electronics (Control ADE™) system provides smoother machine functions, increased fuel efficiency and reduced emissions.

800 SERIES



Added Versatility

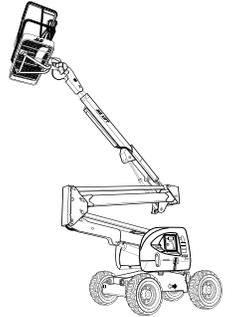
Exclusive WorkStation in the Sky® options and accessories help extend the versatility of your machine.



Easier to Maintain

Swing-out engine tray allows for faster and easier access for routine maintenance.

Engine Powered Aerial Work Platforms SPECIFICATIONS



Main Features

- Oscillating axle
- 2-wheel drive or 4-wheel drive (450A/450AJ)
- Control ADE® System
- 110V-AC receptacle in platform
- Easy access swing-out engine tray



Main Features

- Choice of chassis width available
- 2-wheel drive or 4-wheel drive
- Oscillating axle
- Control ADE® System.
- 110V-AC receptacle in platform
- Easy access swing-out engine tray

	340AJ	450A	450AJ
450 Series II and Model 340AJ Articulating Boom Lifts			
Platform Height	33 ft 9 in. (10.29 m)	45 ft (13.72 m)	45 ft (13.72 m)
Platform Capacity—Unrestricted	500 lb (227 kg)	550 lb (250 kg)	550 lb (250 kg)
Horizontal Outreach	19 ft 11 in. (6.06 m)	30 ft (9.14 m)	25 ft (7.62 m)
Up and Over Height	17 ft (5.17 m)	24 ft (7.3 m)	24 ft (7.3 m)
Overall Width	6 ft 4 in. (1.93 m)	7 ft 8 in. (2.35 m)	7 ft 8.6 in. (2.35 m)
Weight ¹	9,700 lb (4,400 kg)	15,850 lb (7,190 kg)	12,650 lb (5,738 kg)
Dual Fuel Engine—Kubota D1105 Kubota DF WG2503	24.8 hp (18.5 kW) —	— 61 hp (45.5 kW)	— 61 hp (45.5 kW)
Diesel Engine—Kubota D1105 Deutz TD2.9L4 Tier 4 Final	24.8 hp (18.5 kW) —	— 49 hp (36.5 kW)	— 49 hp (36.5 kW)

Available Options

1/2 in. Air Line to Platform	.	.	.
SkyPower®	.	.	.
Fall Arrest Platform	.	.	.
Cold Weather Start Kit — Includes battery blanket, hydraulic tank heater and block heater.	.	.	.
Arctic Package (diesel only) ²	.	.	.
Self-closing Gate	.	.	.

¹ Certain options or country standards may increase weight.

² Includes arctic hydraulic hoses (drive and steer only) and main boom cable, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, oversized footswitch and arctic hydraulic oil.

	600A	600A Narrow	600AJ	600AJ Narrow
600 Series Articulating Boom Lifts				
Platform Height	60 ft 5 in. (18.42 m)	60 ft 5 in. (18.42 m)	60 ft 7 in. (18.46 m)	60 ft 7 in. (18.46 m)
Platform Capacity—Restricted	1,000 lb (454 kg)	1,000 lb (454 kg)	N/A	N/A
Platform Capacity—Unrestricted	500 lb (227 kg)	500 lb (227 kg)	500 lb (227 kg)	500 lb (227 kg)
Horizontal Outreach	39 ft 7 in. (12.07 m)	39 ft 7 in. (12.07 m)	39 ft 9 in. (11.81 m)	39 ft 9 in. (11.81 m)
Up and Over Height	26 ft 7 in. (8.1 m)	26 ft 7 in. (8.1 m)	26 ft 7 in. (8.1 m)	26 ft 7 in. (8.1 m)
Overall Width	8 ft 2 in. (2.49 m)	7 ft (2.13 m)	8 ft 2 in. (2.49 m)	7 ft (2.13 m)
Weight ¹	21,640 lb (9,816 kg)	24,100 lb (10,931 kg)	22,240 lb (10,088 kg)	24,200 lb (10,977 kg)
Dual Fuel Engine—Ford MSG425-DF	84 hp (62.6 kW)	84 hp (62.6 kW)	84 hp (62.6 kW)	84 hp (62.6 kW)
Diesel Engine—Deutz TD2.9L4 Tier 4 Final	67 hp (50 kW)	67 hp (50 kW)	67 hp (50 kW)	67 hp (50 kW)

Available Options

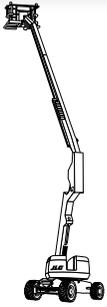
1/2 in. Air Line to Platform	.	.	.	.
SkyPower®	.	.	.	.
Fall Arrest Platform	.	.	.	.
43.5 lb (19.73 kg) Propane Tank	.	.	.	.
Cold Weather Start Kit — Includes engine block heater, battery heater and oil tank heater.	.	.	.	.
Arctic Package ²	.	.	.	.
Self-closing Gate	.	.	.	.

¹ Certain options or country standards may increase weight.

² Includes arctic hydraulic hoses (drive and steer only) and main boom cable, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, oversized footswitch and arctic hydraulic oil.

For complete specifications, visit www.jlg.com

Engine Powered Aerial Work Platforms SPECIFICATIONS



Main Features

- Exclusive Fall Arrest system
- Full 270-degree access around the platform
- Meets jet blast standards (ARP 1328)

740AJ

740AJ Articulating Boom Lift

Platform Height	74 ft (22.56 m)
Platform Capacity—Unrestricted	500 lb (227 kg)
Horizontal Outreach	51 ft 10 in. (15.8 m)
Up and Over Height	25 ft 1 in. (7.65 m)
Overall Width	8 ft (2.44 m)
Weight ¹	36,200 lb (16,5420 kg)
Dual Fuel Engine—Ford MSG425-DF	84 hp (62.6 kW)
Diesel Engine—Deutz TD2.9L4 Tier 4 Final	67 hp (50 kW)

Available Options

Soft Touch System	.
43.5 lb (19.73 kg) Propane Tank	.
Cold Weather Start Kit — Includes engine block heater, battery heater and oil tank heater.	.
Flashing Amber Beacon	.
Hostile Environment Kit — Includes boom wipers, cylinder bellows and console cover.	.
Self-closing Gate	.

¹ Certain options or country standards may increase weight.



Main Features

- Industry's best reach envelope in its class
- Exclusive QuikStik® boom
- Oscillating axle and 4-wheel drive
- SkyPower® 7500W Generator

800A

800AJ

800 Series Articulating Boom Lifts

Platform Height	80 ft (24.38 m)	80 ft (24.38 m)
Platform Capacity—Restricted	1,000 lb (454 kg)	N/A
Platform Capacity—Unrestricted	500 lb (227 kg)	500 lb (227 kg)
Horizontal Outreach	53 ft (16.15 m)	51 ft 10 in. (15.8 m)
Up and Over Height	32 ft 1 in. (9.78 m)	32 ft 1 in. (9.78 m)
Overall Width	8 ft 2 in. (2.49 m)	8 ft 2 in. (2.49 m)
Weight ¹	34,300 lb (15,558 kg)	34,300 lb (15,558 kg)
Dual Fuel Engine—Ford MSG425-DF	84 hp (62.2 kW)	84 hp (62.2 kW)
Diesel Engine—Deutz TD2.9L4 Tier 4 Final	67 hp (50 kW)	67 hp (50 kW)

Available Options

15-625 Foam-filled Tires ²	.	.
Soft Touch System 6 ft/8 ft	.	.
36 x 72 in. (0.91 x 1.83 m) Platform	.	.
43.5 lb (19.73 kg) Propane Tank	.	.
Cold Weather Start Kit— Includes engine block heater, battery heater and oil tank heater.	.	.
Arctic Package ³	.	.
Hostile Environment Kit — Includes console cover, boom wipers and cylinder bellows.	.	.
Self-closing Gate	.	.

¹ Certain options or country standards may increase weight.

² Foam-filled tires may not be replaced with pneumatics.

³ Includes arctic hydraulic hoses (drive and steer only) and main boom cable, extreme cold engine oil, fuel conditioner, engine block heater, battery blanket, glow plugs, hydraulic tank heater, oversized footswitch and arctic hydraulic oil.