

JLG®

CONSTRUCTION

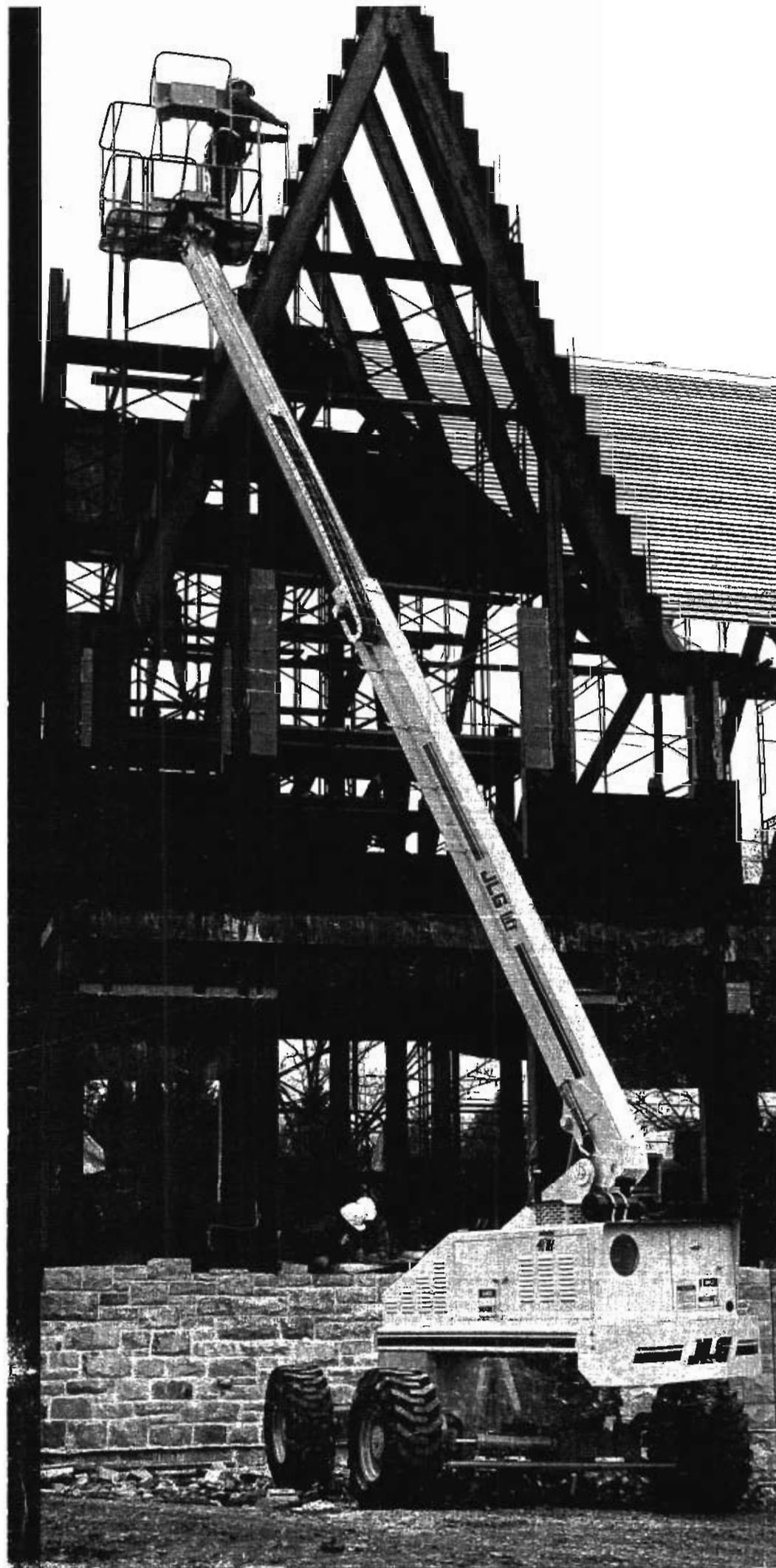
40H

40' STRAIGHT BOOM

A high performance, telescopic boom lift designed with extra power and exceptional stability for a wide variety of maintenance, construction and the most demanding high reach access applications. Rugged all-steel fabrication for longer service life.



The high capacity of the 40H is enhanced by an optional 8 ft. (2.44m) wide work platform enabling more workers to tackle larger jobs.





Two wheel drive units are available with an optional oscillating front axle. The oscillating axle floats with the terrain to maximize wheel contact for superior traction and will outperform many fixed axle four wheel drive units.

OPTIONAL EQUIPMENT

Oscillating Axle, Four-Wheel Drive, Deutz F3L1011 42 HP Diesel Engine, Extend-A-Reach, Dual Fuel (LP/Gasoline), Foam-Filled Tires, Airline Package, Platform sizes to 8' (2.44m), Hostile Environment Packages, Cold Weather Start Packages, CSA Package.

EXTEND-A-REACH

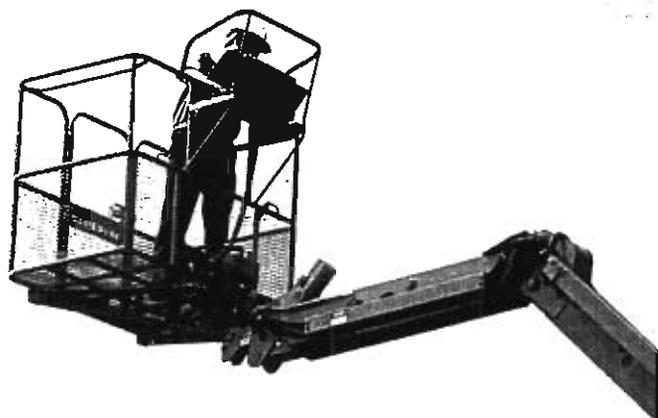
JLG's patented Extend-A-Reach option is a six-foot articulating boom section attached to the end of the fly boom. The main feature of this extension arm is its ability to articulate 15 degrees above or 80 degrees below horizontal of the main boom.

The Extend-A-Reach option gives the operator the benefit of "up and over" or "out and down" access in areas where a straight boom would encounter interference with such obstacles as structural steel framework, aircraft tailsections, dock areas and overhead duct work. Articulation is accomplished by a solenoid valve actuated hydraulic cylinder enclosed within the extension tube. Platform leveling is accomplished through a master slave cylinder combined with a pantographic link attaching the platform to the fly boom.

40H / 40H+6 COMPARISON CHART

SPECIFICATIONS	40H+6
MAXIMUM HEIGHT	46 ft. 0 in. 14.02m
MAXIMUM REACH	39 ft. 6 in. 12.04m
BELOW GROUND REACH	9 ft. 11 in. 3.02m
STOWED LENGTH	26 ft. 10 in. 8.18m
BOOM ANGLE (above horiz.) (below horiz.)	74° +15° ART. -22° -80° ART.
PLATFORM (unrestricted) CAPACITIES (restricted)	500 lbs. 227 kg
PLATFORM SIZES (standard)	36 in. x 60 in. .91m x 1.52m
GROSS WEIGHT (approx)	(1) 13,350 lbs. (1) 6,055 kg

(1) GVW may increase to meet country standards or with the addition of optional equipment



The Extend-A-Reach option articulates 15° above or 80° below horizontal of main boom to give operator "up and over" or "out and down" access.

MACHINE SPECIFICATIONS

DIMENSIONS	40H (2WD)	40H (4WD)
PLATFORM HEIGHT	40 ft. 12.2m	40 ft. 12.2m
WORKING HEIGHT	46 ft. 14.0m	46 ft. 14.0m
PLATFORM DIMENSIONS-STD.	36" x 60" x 44" .91m x 1.52m x 1.11m	36" x 60" x 44" .91m x 1.52m x 1.11m
PLATFORM CAPACITY (restricted)	1000 lbs. (454 kg.)	1000 lbs. (454 kg.)
PLATFORM CAPACITY (unrestricted)	750 lbs. (341 kg.) 500 lbs. (227 kg.)	750 lbs. (341 kg.) 500 lbs. (227 kg.)
STOWED LENGTH	25 ft., 2 in. 7.67m	25 ft., 2 in. 7.67m
STOWED HEIGHT	7 ft., 10 in. 2.39m	7 ft., 10 in. 2.39m
WIDTH	7 ft., 11 in. 2.41m	7 ft., 11 in. 2.41m
TAILSWING	2 ft., 10 in. .9m	2 ft., 10 in. .9m
GROSS WEIGHT (approx)	(1) 11,600 lbs. (1) 5,266 kg.	(1) 12,000 lbs. (1) 5,448 kg.
ENGINE (gas)	63 HP @ 2800 rpm	63 HP @ 2800 rpm
ENGINE (diesel)	42 HP @ 3000 rpm	42 HP @ 3000 rpm
MAIN PUMP OUTPUT	39 gpm @ 3000 rpm 148 L/min.	39 gpm @ 3000 rpm 148 L/min.
AUXILIARY PUMP OUTPUT	4.75 gpm 18 L/min.	4.75 gpm 18 L/min.
HYDRAULIC TANK CAPACITY	37 U.S. gals. 140.2 L	37 U.S. gals. 140.2 L
FUEL TANK CAPACITY	37 U.S. gals. 140.2 L	37 U.S. gals. 140.2 L
TRAVEL SPEED	4.5 mph 7.2 km/hr	4.0 mph 6.4 km/hr
GRADEABILITY	25% 14°	40% 22°
TURNING RADIUS (outside)	16ft., 6 in. 5.1 m	16ft., 6 in. 5.1 m
HORIZONTAL REACH	33 ft. 0 in. 10.1m	33 ft. 0 in. 10.1m
TIRES	12.5 x 15	(2) 12.5 x 15
WHEELBASE	92 in. 2.34m	92 in. 2.34m
GROUND CLEARANCE	11 in. 28cm	11 in. 28cm

(1) GVW may increase to meet country standards or with the addition of optional equipment.
 (2) Also available with hi-flotation 14 x 17.5 tires; ground clearance increases to 13" (33cm).

