

Model G6-42A

TELEHANDLER



Performance

Rated Capacity	6,600 lb	2,994 kg
Maximum Lift Height	42 ft	12.8 m
Load at Max Height	6,000 lb	2,721 kg
Maximum Forward Reach	29 ft	8.84 m
Load at Max Reach	1,000 lb	454 kg
Frame Leveling	10°	
Lift Speed (boom retracted)		
Up	12 sec	
Down	9 sec	
Boom Speed (extended/retracted)		
Extended	13.6 sec	
Retracted	9.7 sec	
Top Travel Speed (4-Speed)	20 mph	32 kph
Drawbar Pull (loaded)	24,000 lb	10,886 kg
Outside Turning Radius	12 ft	3.66 m
Operating Weight	20,890 lb	9,476 kg

Standard Specifications

Engine

Make and Model	Cummins QSB3.3L ATAAC	
No. of Cylinders	4	
Displacement	202 cu in.	3.3 L
Gross Power Basic	100 hp	75 kW
Maximum Torque @ 1600 rpm	306 lb-ft	414 Nm
Fuel Tank Capacity	38 gal	141 L

Transmission

- Powershift with torque converter.
- 4-speed forward and 3-speed reverse.

Axles

- Trunnion mounted planetary 55° steer axles.
- Integral steer cylinder.
- High bias limited slip differential on front axle.

Brakes

- Service brakes are inboard wet disc brake on front axle.
- Parking brakes are wet disc spring-applied hydraulic release.

Tires

- Standard 370/75-28
- Optional Foam-Filled or Solid

Cab

- Certified ROPS/FOPS structure
- Adjustable seat
- Horn

Steering 4-Wheel

- Power steering with manual backup.
- Operator selectable 4-wheel circle, 4-wheel crab, 2-wheel front.

Instruments

- Volt meter
- Hourmeter
- Engine oil pressure guage
- Temperature gauge
- Fuel guage

Hydraulic System-Implement

Capacity	40 gal	151.4 L
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- Single-section gear pump.
- Auxiliary hydraulics used for all attachments equipped with cylinders or other hydraulic components.

Accessories & Options

- Enclosed Cab
- Auxiliary Electrics
- Road Lights
- Air Conditioning
- Work Lights
- Rotating Beacon
- Pintle Hook
- Fenders
- Brick Guard
- Arctic Package
- Hydraulic Quick Switch

Attachments

Standard Carriage	50 in.	1.3 m
	60 in.	1.5 m
	72 in.	1.8 m
Side-Tilt Carriage	50 in.	1.3 m
	60 in.	1.5 m
	72 in.	1.8 m
Swing Carriage (90°)	72 in.	1.8 m
Dual Fork Positioning Carriage		
Side-Shift Carriage	50 in.	1.3 m
Tower	8 ft	2.4 m
For use on 50 in. (1.3 m) Standard or Side-Tilt Carriage*		
Pallet Forks	2.36 in. x 4 in. x 48 in.	60 mm x 102 mm x 1.2 m
	2.36 in. x 5 in. x 48 in.	60 mm x 127 mm x 1.2 m
	2.00 in. x 6 in. x 72 in.	51 mm x 152 mm x 1.8 m
Lumber Forks	1.75 in. x 7 in. x 60 in.	44 mm x 178 mm x 1.5 m
	2.36 in. x 6 in. x 60 in.	60 mm x 152 mm x 1.5 m
	2 in. x 2 in. x 48 in.	51 mm x 51 mm x 1.2 m
Cubing Forks	90 in.	2.3 m
Fork Extensions	72 in., 1.0 cu yd	1.8 m, 0.76 m ³
Material Bucket	96 in., 1.5 cu yd	2.4 m, 1.15 m ³
	102 in., 2.0 cu yd	2.6 m, 1.53 m ³
	96 in., 1.75 cu yd	2.4 m, 1.34 m ³
Grapple Bucket	12 ft, 2,000 lb	3.7 m, 907 kg
	15 ft, 2,000 lb	4.6 m, 907 kg
	12 ft with winch, 2,000 lb	3.7 m, 907 kg
Fork Mounted Work Platform	8 ft, 1,000 lb capacity	2.4 m, 455 kg capacity
Lifting Hook		

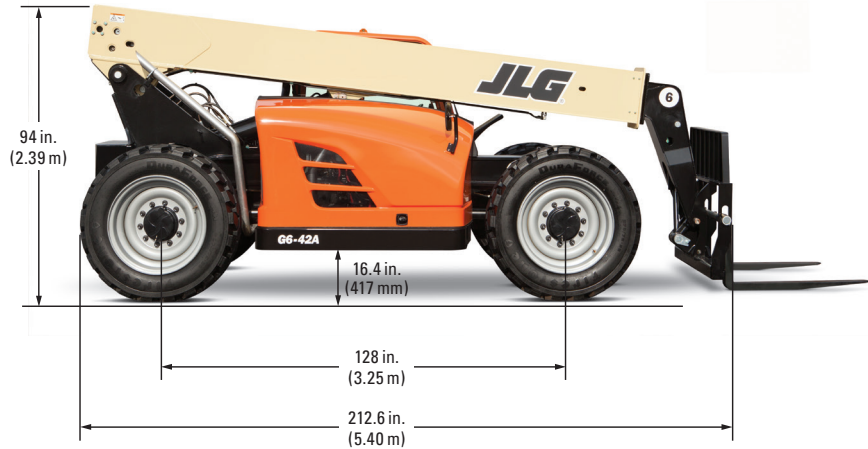
* Requires auxiliary electrics

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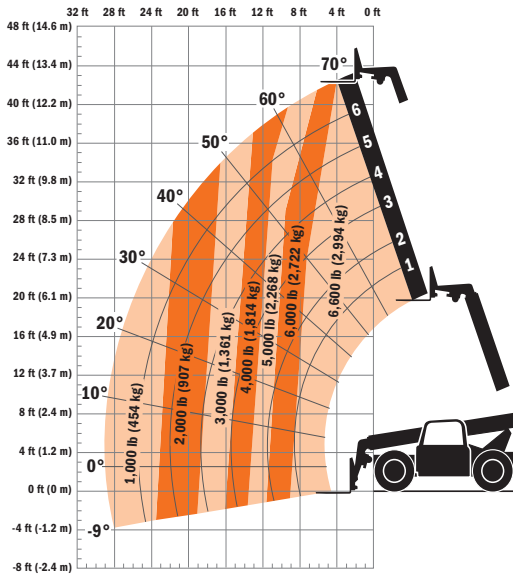
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Dimensions

All dimensions are approximate.



Load Chart Dimensions



IMPORTANT

Rated lift capacities shown are with machine equipped with carriage and pallet forks. The machine must be level on a firm surface with undamaged, properly inflated tires. Machine specifications and stability are based on rated lift capacities at specific boom angles and boom lengths. (If specifications are critical, the proposed application should be discussed with your dealer.) DO NOT exceed rated lift capacity loads, as unstable and dangerous machine conditions will result. DO NOT tip the machine forward to determine the allowable load. Use only JLG approved attachments with proper material handler model/attachment load capacity charts displayed in the operator's cab. OSHA requires all rough terrain forklift operators be trained according to OSHA 29 CFR 1910.178 (1).

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds ASME B56.6-1998 as originally manufactured for intended applications.



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