

Model 6042 TELEHANDLER



Performance

- Rated Capacity**
6,000 lb (2,722 kg)
- Maximum Lift Height**
41 ft 11 in. (12.7 m)
- Frame Leveling**
10 degrees
- Lift Speed (boom retracted)**
Up: 17.5 sec
Down: 11 sec
- Boom Speed**
Extend: 19 sec
Retract: 19 sec
- Travel Speed Forward**
4-Speed Forward: 20 mph (32 kmph)
- Drawbar Pull**
23,580 lb (10,695 kg)
- Operating Weight**
With 48 in. Carriage and Forks
24,050 lb (10,909 kg)

Standard Specifications

Engine

Make and Model	Cummins 4BT3.9 Turbo
Fuel	Diesel
Cycles	4
No. of Cylinders	4
Displacement	239 cu in. (3.9 L)
Torque Rating	305 lb ft (414 Nm) @ 1,500 rpm
Rated Speed	2,500 rpm
Max. Gross BHP	99 hp (74 kW)
Fuel Tank	35 gal (132 L)

Engine Filters

- Two-stage dry air cleaner — centrifugal pre-cleaner with continuous dust ejector and replaceable dry filter element.
- Replaceable spin-on fuel filter.
- Full-flow replaceable spin-on engine oil filter.

Electrical System

- Voltage: 12V
- Alternator: 65 amp
- Battery: 850 cold cranking amps at 0°F

Transmission

- Modulated powershift.
- 4-speed forward and 3-speed reverse.

Axles

- Full-time planetary 4-wheel drive.
- Oscillating rear axle with Stabil-Trak system.

Service Brakes

- Hydraulically actuated inboard wet disc brakes.

Parking Brakes

- Emergency brake with transmission declutch feature.

Tires

- Standard: Air-filled 13.00 x 24 — 12 ply

Cab

- Certified ROPS/FOPS structure.
- Deluxe suspension seat with retractable seat belt.
- Rear view mirrors.
- Lockable covers.

Steering 4-Wheel

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

Instruments

- Instrument cluster with gauges and warning lights.

Controls

- Dual joystick controls.
- Proportional frame tilt, fork tilt and auxiliary hydraulics.

Hydraulic System-Implement

- Piston pump.
- 60 gal (225 L) system capacity.
- Variable flow, load sensitive hydraulic system.
- Load holding valves on frame level, stabilizer, attachment tilt, extend and lift cylinders.

Auxiliary Hydraulics

- Used for all attachments equipped with cylinders or other hydraulic components.
- Consists of valves, controls, and hydraulic lines.

Accessories & Options

Enclosed All Weather Cab

- Basic Work Lights
- Complete Road Lights
- Rotating Beacon
- Fenders

Tires:

- Foam Filled
- Rock
- Solid
- 15.5 x 25

Attachments

Standard Carriage

- 48 in. (1.2 m), 60 in. (1.5 m) or 72 in. (1.8 m)

± 10° Side Tilt Carriage

- 48 in. (1.2 m), 60 in. (1.5 m) or 72 in. (1.8 m)

± 45° Swing Carriage

- 72 in. (1.8 m)

Pallet Forks

- 2.36 x 4 x 48 in. (60 mm x 102 mm x 1.2 m)

Lumber Forks

- 1.75 x 7 x 60 in. (45 mm x 178 mm x 1.5 m)

Block Forks

- 2 x 2 x 48 in. (51 mm x 51 mm x 1.2 m)

Wallboard/Sheet Material Handler

Utility Bucket

- 1.25 cu yd (0.95 m³) — 96 in. (2.4 m)

Truss Boom

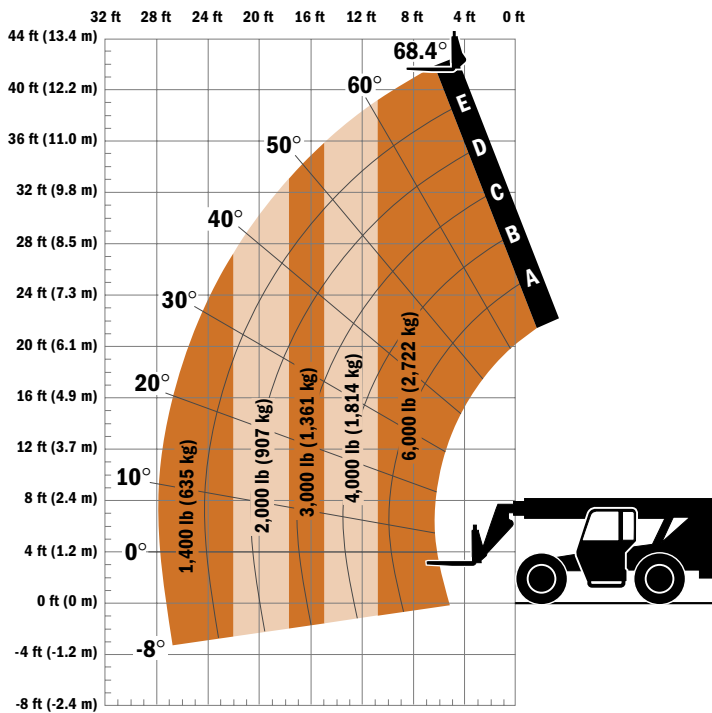
- 12 ft (3.7 m)

Truss Boom With Winch

- 3 ft (91 cm)

Crane Hook

Fork Mounted Work Platform



Dimensions

Length (less forks)	232 in. (5.89 m)
Width	98 in. (2.48 m)
Height	102 in. (2.59 m)
Wheelbase	113 in. (2.87 m)
Ground Clearance	16 in. (406 mm)
Outside Turning Radius	168 in. (4.26 m)
Max. Reach from Front Tires to 24 in. (609 mm) Load Center	27 ft 11 in. (8.51 m)

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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