



Model TF6-42 TELEHANDLER

Performance

Rated Material Handler Capacity

At 24 in. (610 mm) load center,
6,600 lb (2,994 kg)

Rated Aerial Work Platform Capacity

2,000 lb (907 kg)

Maximum Material Handler Lift Height

42 ft (12.8 m)

Maximum Aerial Work Platform Working Height

49 ft (14.9 m)

Frame Leveling

10 degrees

Maximum Travel Speed (cab operation)

16 mph (25.7 kmph)

Maximum Travel Speed (platform operation)

5 mph (8 kmph)

Drawbar Pull (loaded)

18,000 lb (8,165 kg)

Operating Weight

With 48 in. (1.2 m) Carriage and Forks,
21,280 lb (9,653 kg)

With Platform, 22,100 lb (10,025 kg)

Standard Specifications

Engine

Make and Model	John Deere 4045DF150
Fuel	No. 2 Diesel
Cycles	4
No. of Cylinders	4
Displacement	276 cu in (4.5 L)
Rated Speed	2,500 rpm
Max. Gross BHP	80 hp (60 kW)
Fuel Tank	38 gal (141 L)

Engine Filters

Two-stage dry air cleaner — centrifugal pre-cleaner with continuous dust ejector plus replaceable dry filter element.

Visual service indicator.

Replaceable element-type fuel filter/water separator.

Full-flow replaceable-element engine oil filter.

Electrical System

Voltage: 12V

Alternator: 105 amp

Battery: 810 cold cranking amps at 0°F

Transmission

Dana VDT-12000 powershift with torque converter.

Neutral start switch (park brake must also be engaged to start).

4-wheel drive.

Axles

Trunnion mounted planetary 55° steer axles.

Integral steer cylinder.

High bias limited slip differential on front axle.

Service Brakes

Inboard wet disc brakes on front axle.

Parking Brakes

Wet disc spring-applied hydraulic release front axle.

Light on dash indicates when brake is on.

Tires

Standard: 33.5 x 10 LSW — G2 type

Cab

Certified ROPS/FOPS structure.

Directional and gear change control on single steering column mounted lever.

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 gauge, fuel gauge, water temperature gauge.

All gauges protected by clear acrylic covers.

Controls

Grouped for operator comfort and convenience.

Boom lift and crowd on single joystick.

Right-hand tilt and sway lever.

Foot throttle.

Hydraulic System

Single-section gear pump.

40 gal (151.4 L) system capacity.

8 micron filters with visual service indicator and suction strainer.

Lift, crowd, tilt and sway cylinders have holding valves to prevent dropping of load in the event of hose failure.

Auxiliary Hydraulics

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

Accessories & Options

Cab Enclosure

Lockable, split door; heater; defroster fan; washer and windshield wiper.

Light Group

Cold Weather Start Package

Suspension seat

Attachments

Standard Carriage

48 in. (1.2 m) or 72 in. (1.8 m)

± 10° Side Tilt Carriage*

48 in. (1.2 m) or 72 in. (1.8 m)

Drywall Carriage

72 in. (1.8 m)

100° Swing Carriage*

72 in. (1.8 m)

Pallet Forks

2 x 4 x 48 in. (51 mm x 102 mm x 1.2 m)

Cubing Forks

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

Verticle Mast*

6 ft (1.8 m)

100° Swing Mast*

6 ft (1.8 m)

Truss Boom

10 ft (3.0 m) or 15 ft (4.6 m)

Truss Boom with Winch*

10 ft (3.0 m) or 15 ft (4.6 m)

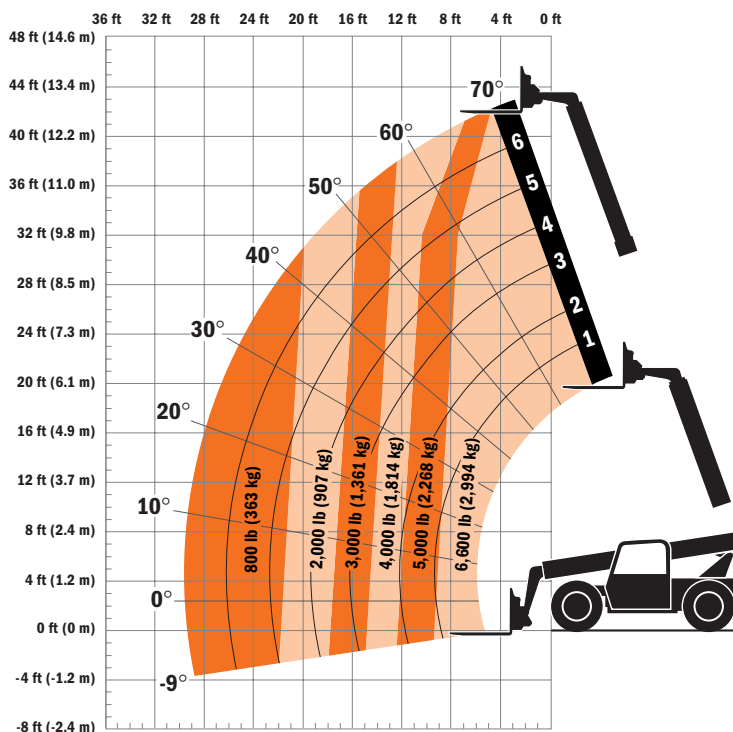
Bucket

0.75 cu yd (0.57 m³)
or 1.25 cu yd (0.95 m³) —
102 in. (2.6 m) wide.

*Requires auxiliary hydraulics



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Dimensions

Length (less forks) 213 in. (5.41 m)
Width 96 in. (2.43 m)
Height 94 in. (2.38 m)
Wheelbase 128 in. (3.25 m)
Ground Clearance 16 in. (406 mm)
Outside Turning Radius . . 144 in. (3.65 m)
Max. Reach from Front Tires to
24 in. (609 mm) Load Center 29 ft
(8.83 m)

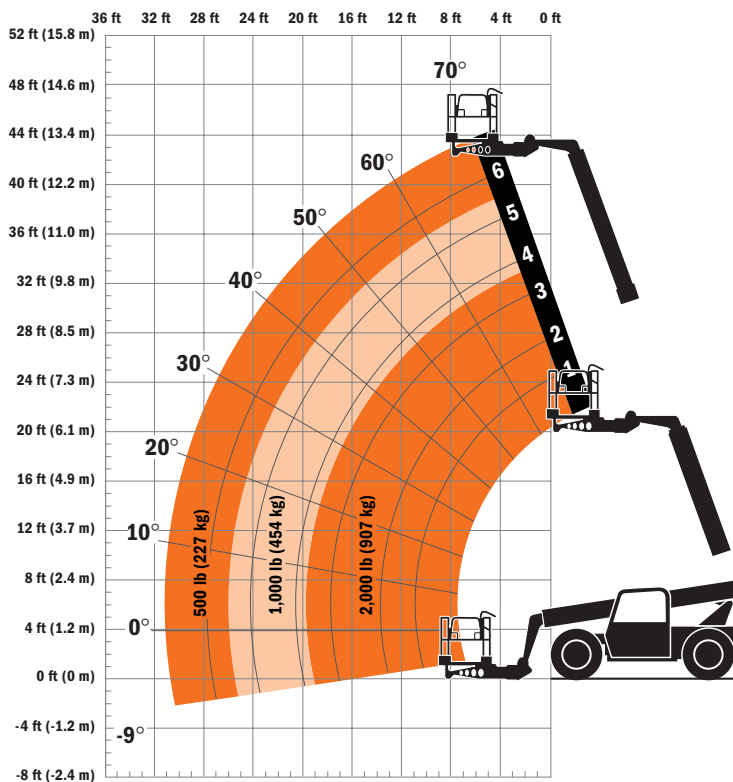
IMPORTANT

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 B56.6-2002 as originally manufactured for intended applications.

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