Model
G9-43A
TELEHANDLER

Performance

### Rated Capacity
At 24 in. (610 mm) load center, 9,000 lb (4,082 kg)

### Maximum Lift Height
43 ft (13.1 m)

### Frame Leveling
10 degrees

### Lift Speed (boom retracted)
Up: 12.5 sec
Down: 8 sec

### Boom Speed
Extended: 15 sec
Retracted: 7 sec

### Travel Speed Forward
19.5 mph (31.4 kmph)

### Drawbar Pull (loaded)
19,200 lb (8,709 kg)

### Operating Weight
With 48 in. Carriage and Forks
25,907 lb (11,751 kg)

### Standard Specifications

#### Engine
- **Make and Model**: John Deere 4045TF150
- **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**: 99 hp (74 kW)
- **Fuel Tank**: 38 gal (141 L)

#### Engine Filters
- Two-stage dry air cleaner — centrifugal pre-cleaner with continuous dust ejector and replaceable dry filter element.
- Visual service indicator.

#### Electrical System
- **Voltage**: 12V
- **Alternator**: 63 amp
- **Battery**: 810 cold cranking amps at 0°F

#### Transmission
- Dana VDT-12000 powershift with torque converter. 4-speed forward and 3-speed reverse.
- Neutral start switch (park brake must also be engaged to start).
- Full time 4-wheel drive.
- Directional and gear change control on single steering column mounted lever.

#### 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 and rear axles.

#### Parking Brakes
- Wet disc spring-applied hydraulic release on front axle.
- Light on dash indicates when brake is on.

#### Tires
- Standard: 13.0 x 24 — 12PR, G2 type

#### Cab
- Certified ROPS/FOPS structure, adjustable seat and horn.
- Forward, neutral, reverse lever on left of steering column.
- Power steering with manual backup.
- Operator selectable 4-wheel circle, 4-wheel crab, 2-wheel front.
- Volt meter, hourmeter, engine oil pressure gauge, fuel gauge, water temperature gauge.
- All gauges protected by clear acrylic cover.

#### Controls
- Grouped for operator comfort and convenience.
- Boom lift and crowd on single joystick.
- Right-hand tilt and sway lever.
- Foot throttle.

#### Hydraulic System—Implement
- Tandem gear pump.
- 40 gal (151.4 L) system capacity.
- 8 micron filter with visual service indicator and suction strainer.
- Lift, crowd, tilt and sway cylinders have holding valves intended to prevent dropping of load in the event of hose failure.

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

### Accessories & Options

#### Cab Enclosure

#### Brick Guard

#### Light Group
- 2 cab-mounted headlights, 1 back-up/tail/spotlight and rotating beacon.

#### Tilt on Joystick

#### Tires:
- Foam Filled
  - Rock
  - Solid

#### Air Conditioning

#### Fenders

#### Cold Weather Start Package
- Ether start and block heater.

### Attachments

#### Standard Carriage
- 50 in. (1.3 m), 60 in. (1.5 m) or 72 in. (1.8 m)

#### Side Tilt Carriage*
- 48 in. (1.2 m) or 72 in. (1.8 m)

#### 100° Swing Carriage*
- 72 in. (1.8 m) Carriage

#### Sheet Material Carriage*
- 72 in. (1.8 m)

#### Pallet Forks
- 2.36 x 4 x 48 in. — 12PR
- 2.36 x 5 x 48 in. — 12PR
- 2.36 x 6 x 60 in. — 12PR

#### Cubing Forks
- 2 x 2 x 48 in. — 12PR

#### 6 ft Vertical Mast*
- 48 in. (1.2 m) or 72 in. (1.8 m) Carriage

#### 6 ft Swing Mast*
- 72 in. (1.8 m) Carriage
- 48 in. (1.2 m) or 72 in. (1.8 m) Forks

#### Bucket
- 0.75 cu yd (0.57 m³) — 60 in. (1.5 m)
- 1.25 cu yd (0.95 m³) — 74 in. (1.9 m)
- 1.25 cu yd (0.95 m³) — 102 in. (2.6 m)

#### Grapple Bucket
- 1.75 cu yd (1.34 m³) — 96 in. (2.4 m)

#### Personnel Work Platform
- Quick Switch or Fork Mounted

#### Instant Hook*

#### Lifting Hook

*Requires auxiliary hydraulics
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Dimensions
Length (less forks) 237 in. (6.02 m)
Width 95.3 in. (2.42 m)
Height 95.6 in. (2.43 m)
Wheelbase 132 in. (3.35 m)
Ground Clearance 19 in. (483 mm)
Outside Turning Radius 144 in. (3.67 m)
Max. Reach from Front Tires to 24 in. (609 mm) Load Center 30 ft 6 in. (9.3 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).