

# Model G12-55A

# TELEHANDLER



# **Rated Capacity**

At 24 in. (610 mm) load center, 12,000 lb (5,443 kg)

# **Maximum Lift Height**

55 ft (16.8 m)

#### Frame Leveling

10 degrees

#### Lift Speed (boom retracted)

Up: 15.8 sec Down: 18.3 sec

# Boom Speed

Extend: 17.3 sec Retract: 16.8 sec

# **Travel Speed Forward**

20 mph (32 kmph)

# **Drawbar Pull (loaded)**

20,000 lb (9,072 kg)

# **Operating Weight**

With 48 in. (1.2 m) carriage and forks, 35,100 lb (15,921 kg)

# **Standard Specifications**

#### Engine

Perkins 1104D Make and Model Turbocharged and Aftercooled Fuel No. 2 Diesel Cycles 4 No. of Cylinders Displacement 276 cu in (4.5 L) Rated Speed 2.400 rpm Max. Gross BHP 140 hp (104 kW) Fuel Tank 38 gal (144 L) Glow plugs and block heater.

# **Engine Filters**

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

Visual service indicator.

Replaceable element-type fuel filter. Full-flow replaceable-element engine oil filter.

# **Electrical System**

Voltage — 12V

Alternator — 65 amp

Battery — 1050 Cold Cranking amps at 0°F

#### Transmission

ZF WG98 powershift with torque converter 4 speeds forward, 3 reverse.

Neutral start switch (Park brake must be engaged to start).

Full time 4-wheel drive.

Directional and gear change control on single steering mounted lever.



#### Axles

Trunnion mounted planetary 45° steer axles. Integral steer cylinder.

High bias limited slip differential on front axle.

#### **Service Brakes**

Inboard wet disc brake on front and rear axles.

# **Parking Brakes**

Wet disc spring-applied hydraulic release on front axle.

Light on dashboard indicates when brake is on.

#### Tires

17.5 x 25 — 12PR, G2 type.

#### Cab

Certified ROPS/FOPS structure, horn and adjustable seat.

Forward, neutral, reverse lever on left of steering column.

#### Steering

Hydraulic power steering with manual backup.

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

# Instruments

Volt meter, hourmeter, engine oil pressure, temperature, fuel gauge.

All gauges protected by clear acrylic cover.

# Controls

Grouped for operator comfort and convenience. Key operated ignition/starter switch. Boom lift, crowd and fork tilt on single joystick. Right-hand sway and outrigger levers. Foot throttle.

#### **Hydraulic System-Implement**

Load sense piston pump.

60 gal (227.1 L) system capacity.

10 micron filter with visual service indicator and suction strainer.

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

# **Auxiliary Hydraulics**

**Rotating beacon** 

**Pintle Hook** 

# Accessories & Options

Enclosed Cab Air Conditioning Auxiliary Electrics AccuPlace™ with Ride Control Arctic Package Work lights Road lights

\*Requires auxiliary electrics

# Fenders

# **Brick** guard

# Tires:

Foam-filled

Rock

Solid

# Attachments

# **Standard Carriage**

50 in. (1.3 m) or 60 in. (1.5 m) or 72 in. (1.8 m)

### **Side-Tilt Carriage**

50 in. (1.3 m) or 60 in. (1.5 m) or 72 in. (1.8 m)

## **Swing Carriage**

72 in. (1.8 m); 90 degrees or 180 degrees

#### **Sheet Material Adapter**

#### Tower

8 ft (2.4 m); 50 in. (1.3 m) Standard or Side-Tilt Carriage\*

#### Pallet Forks

2.36 x 5 x 48 in. (60 mm x 127 mm x 1.2 m) 2.00 x 6 x 72 in. (51 mm x 152 mm x 1.8 m)

#### Lumber Forks

1.75 x 7 x 60 in. (44 mm x 178 mm x 1.5 m) 2.36 x 6 x 60 in. (60 mm x 152 mm x 1.5 m)

# **Cubing Forks**

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

#### **Material Bucket**

72 in. (1.8 m), 1.0 cu yd (0.76 m³) 96 in. (2.4 m), 1.5 cu yd (1.15 m³) 102 in. (2.6 m), 2.0 cu yd (1.53 m³)

#### **Grapple Bucket**

96 in. (2.4 m), 1.75 cu yd (1.34 m<sup>3</sup>)

#### **Truss Boom**

12 ft (3.7 m), 2,000 lb (907 kg) capacity 15 ft (4.6 m), 2,000 lb (907 kg) capacity 12 ft (3.7 m) with winch, 2,000 lb (907 kg) capacity

# Fork Mounted Work Platform

8 ft (2.4 m), 1,000 lb (455 kg) capacity

## Lifting Hook

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 Length (less forks)
 243.8 in. (6.2 m)

 Width
 102 in. (2.59 m)

 Height
 101 in. (2.56 m)

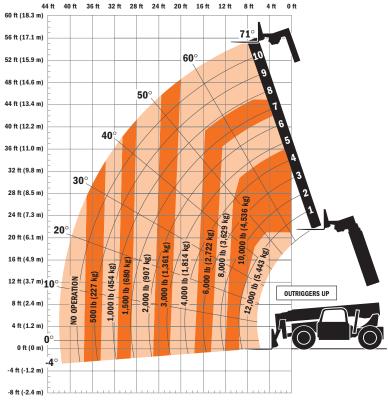
 Wheelbase
 144 in. (3.65 m)

 Ground Clearance
 18 in. (457 mm)

 Outside Turning Radius
 168 in. (4.27 m)

Max. Reach from Front Tires to

24 in. (610 mm) Load Center 42 ft (12.8 m)



# 44 ft 40 ft 36 ft 32 ft 28 ft 24 ft 20 ft 16 ft 12 ft 8 ft 4 ft 0 ft 60 ft (18.3 m) 56 ft (17.1 m) 60° 52 ft (15.9 m) 48 ft (14.6 m) 50° 44 ft (13.4 m) 40 ft (12.2 m) 40 36 ft (11.0 m) 32 ft (9.8 m) 30° 28 ft (8.5 m) **20**° 20 ft (6.1 m) 12,000 lb (5,443 kg) 16 ft (4.9 m) 5,000 lb (2,268 kg) 12 ft (3.7 m) 10° OUTRIGGERS DOWN 8 ft (2.4 m) 4 ft (1.2 m) 0 ft (0 m -4 ft (-1.2 m) -8 ft (-2.4 m)

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 ANSI/ITSDF B56.6-2005 as originally manufactured for intended applications.

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# **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 (L)



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