Model
G12-55A
TELEHANDLER

Performance

**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**
Make and Model: Perkins 1104D Turbocharged and Aftercooled
Fuel: No. 2 Diesel
Cycles: 4
No. of Cylinders: 4
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)

**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.
Boon 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**

Accessories & Options

Enclosed Cab
Air Conditioning
Auxiliary Hydraulics
AccuPlace™ with Ride Control
Arctic Package
Work lights
Road lights
Rotating beacon
Pintle Hook

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. (51 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 m$^3$)
96 in. (2.4 m), 1.5 cu yd (1.15 m$^3$)
102 in. (2.6 m), 2.0 cu yd (1.53 m$^3$)

**Grapple Bucket**
96 in. (2.4 m), 1.75 cu yd (1.34 m$^3$)

**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

*Requires auxiliary electrics
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Dimensions

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Length (less forks)</td>
<td>243.8 in. (6.2 m)</td>
</tr>
<tr>
<td>Width</td>
<td>102 in. (2.59 m)</td>
</tr>
<tr>
<td>Height</td>
<td>101 in. (2.56 m)</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>144 in. (3.65 m)</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>18 in. (457 mm)</td>
</tr>
<tr>
<td>Outside Turning Radius</td>
<td>168 in. (4.27 m)</td>
</tr>
<tr>
<td>Max. Reach from Front Tires to 24 in. (610 mm) Load Center</td>
<td>42 ft (12.8 m)</td>
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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)

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment charges without prior notification. This machine meets or exceeds ANSI/ITSDF B56.6-2005 as originally manufactured for intended applications.