Model G6-42P TELEHANDLER

Performance
Rated Capacity
At 24 in. (610 mm) load center, 6,600 lb (3,000 kg)
Maximum Lift Height
42 ft (12.8 m)
Frame Leveling
8 degrees
Lift Speed (boom retracted)
Up: 11.8 sec
Down: 8.9 sec
Boom Speed
Extend: 13.4 sec
Retract: 16.5 sec
Travel Speeds Forward
2WD: 16 mph (25.7 kmph)
4WD: 6 mph (9.7 kmph)
Drawbar Pull (loaded)
16,300 lb (7,390 kg)
Operating Weight
23,470 lb (10,646 kg)

Standard Specifications
Engine
Make and Model: John Deere 4045DF150 Turbocharged
Fuel: 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: 46 gal (174 L)
Engine Filters
Two-stage dry air cleaner—centrifugal pre-cleaner with continuous dust ejector plus cleanable and replaceable dry filter element.
Visual service indicator.
Replaceable fuel filter/water separator element.
Full-flow replaceable spin-on engine oil filter.
Electrical System
Voltage: 12V
Alternator: 63 amp
Battery: 810 Cold Cranking amps at 0°F
Hydrostatic Drive
6,300 PSI (43,437 kPa) closed loop with piston pump and motors.
8 micron suction filter for charge pump.
Self-contained, swashplate design, variable displacement, over center, piston pump.

All pressure connections ORS and Code 62 O-ring flanges.
Integral reservoir with implement hydraulics.
Neutral start switch. (Park brake must also be engaged to start.)
2WD and 4WD inching.
Electro/hydraulic traction lock valve for superior tractive effort.
Axles
Planetary hubs with piston motors on rear axle.
Piston motor-driven planetary front axle with high-bias limited slip differential.
Brakes
Hydraulic wet disc brake on each front wheel.
Hydraulic dynamic braking on front axle and both rear wheels.
Parking Brakes
Wet disc spring-applied electro/hydraulic release.
Light on dashboard indicates when brakes are on.
Tires
Standard: 13:00 x 24 — 12PR, G2 type
Optional: Radial 13:00 x 24 — 12PR G2 L2 rock tires

Hydraulic System-Implement
Dual-section gear pump.
Lift, crowd, tilt and sway cylinders have load checks to prevent dropping of load in the event of hose or other hydraulic 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
Heater & Defroster Fan
Light Group
2 cab-mounted headlights,
1 backup/tail/stop light, rotating beacon.
Cold Start Package
Block heater and ether start.
Radial and Rock Tires
Suspension Seat

Attachments
Standard Carriage
48 in. (1.2 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)
Drywall 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)

Truss Boom With or Without Winch
10 ft (3.0 m) or 15 ft (4.57 m) booms
Light Material Handling Bucket
0.75 cu yd (0.57 m³) or 1.25 cu yd (0.95 m³)
Vertical Mast
6 ft (1.8 m)
Swing Mast
6 ft (1.8 m)
Personnel Work Platform
Slip On Crane Hook
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).