

LULL 844C-42

Model Info | Load Charts



This Lull telescopic handler offers:

- Four Wheel Drive
- Telescoping Boom
- 8000 Lbs. Capacity
- 42 Ft. Max. Lift Height/Landing Height

LULL 844C-42**Model Info | Load Charts**

Engine

- John Deere - 4045DT
115 HP @ 2500 RPM
- John Deere - 4BT3.9
110 HP @ 2500 RPM

Transmission

- 4-Speed semi-automatic, fwd.& rev.
- Column-mounted shift lever
- Neutral start switch
- H.D. transmission oil cooler
- Declutch switch allows brake pedal to disengage transmission when brake is applied

Axles

- Outboard planetary with double reduction
- 4-Wheel drive
- Torque proportioning front differential
- Steering - 3 modes: 4 wheel round, 2 wheel, and crab
- Hydraulic full power steering with 2 double-acting steer cylinders per axle

Brakes

- 4-Wheel, full-enclosed, wet disc
- Hydraulic accumulator stored energy braking for dead engine stops
- "Fail-safe" park brake spring applied hydraulic release
- Dash-mounted indicator lights

Electrical System

- 12 volt, negative ground
- 1,000 amp cold cranking. maintenance free battery
- 65 amp h.d. alternator
- Circuit breaker protected system

Filtration

- Air cleaner - 2 stage dry type with replaceable elements. (Visual service ind. std.)
- Engine oil lube - full flow spin-on cartridge type with bypass
- Fuel filter with water separator & drain
- Transmission - spin-on type with safety bypass
- Main hydraulic - 10 micron full flow filter with safety bypass

Hydraulic System

- 2-Section gear pump: extra fine metering & self centering hydraulic control valves

Standard Equipment

- Seat belt
- Horn
- Reverse warning alarm
- Neutral start switch
- Skid resistant floor material
- Right side rear view mirror
- Anti-freeze protection to - 30 ° F
- Machine level indicator
- Full instrumentation including:
 - Fuel gauge
 - Water temp. gauge
 - Hour meter
 - Oil pressure gauge
 - Trans. oil temp. gauge
 - Volt meter
 - Park brake applied light
 - Low brake pressure light
 - Trans. declutch light
- Automatic fork leveling
- Hyd/hyd. joystick control (pilot operated)
- 3-Section fully synchronized slide boom
- First auxiliary hydraulics to boom tip
- Frame leveling 12-1/2 ° L & R
- Tie down lugs
- 13:00 X 24 - 12 ply tires
- Quick attach
- Rear axle stabilizer system
- Operator's compartment ROPS/FOPS
- Conforms with ANSI/ASME B56.6,1992

Optional Equipment

- 50.5" Fork carriage
- 50.5" Side tilting carriage (10 ° R-L)
- Dual fork positioning carriages available in widths 50.5" or 74"
- 74" Standard framers carriage
- 74" Side tilting framers carriage (10 ° R-L)
- 2" X 4" - 48"/60" Forks
- 1-3/4" X 6" - 48"/60" Lumber forks
- 2" X 2" Cubing forks - order in pairs
- 1.25 cu yd bucket (light material)
- Cab enclosure
- Heater/defroster
- Air conditioning
- 10' Truss boom (10' truss boom, 10' truss boom with 2,000 lb cap. hydraulic winch)
- Roadway light package
- Work light packages
- 3/4 cu yd hydraulic operated concrete hopper
- Stabilizers

Operating Specifications

Lift and carry capacity	8,000 lbs
Max. lift height	42'
Max. "landing height"	42'
Transaction	80"
Max. horizontal forward reach	32'
Max. reach @ max. lift	9'8"
Capacity @ max. reach	500 lbs
Below grade	23"

Outside turning radius	13'8"
Ground clearance	16"
Overall height	95"
Overall width	8'
Overall length	20' 1" (without Forks)
Wheelbase	124"
Weight	23,160 lbs

Capacities

Fuel	40 gal.
Cooling System	18 qts.
Crank case w/ filter	14 qts.
Hydraulic reservoir	48 gal.
Battery	12 VOLT 1,000 CCA

LULL 844C-42

Model Info | Load Charts

Maximum boom load capacities at 24" load center, for lift and reach positions in feet with metric conversions.

Manufacturer's recommended capacities are in conformance with ANSI/ASME B56.6 stability tests using standard homogenous cubes 4' X 4' X 4'.

Manufacturer's recommended loads and angles shown are at the horizontal center of gravity of the above cube. Capacity adjustment must be made for extended load centers and other variations of load size, etc.

Rated lift capacities shown are with machine on a firm, level surface with undamaged, properly inflated, ballast-filled tires.

Capacities shown depict full boom extension prior to transfer. At full transfer extension, capacities at any distance out are 70% of retracted transfer values.

