

2009 MODEL 80-HD Load-And-Pack Specifications

**LOAD-AND-PACK
OVER 33 YEARS**

DESCRIPTION

Length: 19 ft. 6 in. with box and with arm down.
16 ft. 6 in. without box and with arm down.
Width: 6 ft. 9 in. (8 ft. 1 in. with mirrors).
Height: 108 in. with box in open position.
133 in. with windscreen in compacted position.
144 in. with lift arm in top position.
Wheel Base: 108 in.
Turning Diameter: 42 ft. 1 in. OD with mirrors and 36X13.50-15 tires.
Weight:
Base unit: 7300 lbs.
No. 7 box: 2100 lbs.
Empty total: 9400 lbs. (with rear dump box).
Gross: 12,900 lbs.
No. 7 box:
Rear: 2100 lbs. (poly covers)
Front: 1950 lbs. (poly covers)
Self-Dumping: 2550 lbs.
Capacity: 7 cubic yards.
Overall length: 110 in.
Width: 81 in. (87 in. pin width)
Height: 67 in.
Shovel holders
(All weights and measurements are approximate and subject to change).

CAB EQUIPMENT

Instruments: ammeter, oil pressure gauge, water temperature gauge, fuel gauge, electronic tachometer, hour meter, driving horn button, turn signal, flashers and neutral start switch. Hydraulic oil temperature gauge, hydrostatic charge pump pressure gauge.
Controls:
Valves:
GRIP – LIFT, to clamp refuse container for lifting and transport refuse container to dump position.
CRUSH, to crush top refuse downward in box.
TILT, to separate box from vehicle.
COMPACT, to compress refuse in box.
OPEN-CLOSE, optional, on a self-dump box only.

Ignition switch.
Hand throttle.
Fail safe brake valve.
Foot treadle, hydrostatic directional and service brake.
Light switches, Head, Work, and Strobe Lights.

Windshield: Safety glass, tinted.
Other windows: ¼" high impact plastic, tinted and vented.
Windshield wiper: electric, two speed.
Spring cushioned seat with weight adjustment for operator, includes seat belt.
5 position tilt steering wheel.
Cab door is steel with keyed lock
Air conditioner, heater and defroster.
Mud flaps on front wheels.
Armour coating on inside and cab floor.
Automotive sealer on cab roof and bolts.
Cab step

LOADING ARM CAPACITY

Standard lift arm will grip and lift 55 to 90 gallon containers weighing up to 500 lbs., 5 second cycle time (approx.), added steel thickness for less flex. Smaller containers require shorter grip arms. Please specify your containers used.

ENGINE

80 hp John Deere Power Tech diesel, Tier II class (4 cylinder) 4.5 liter. (Tier III scheduled).
Emission Certifications: CARB; EEC; EPA.
Fuel tank: 32 gal. approx.
Fuel: No. 1, No. 2 or DF-A, DF-1, DF-2.
Coolant: 4.5 gal. approx. (shipped ½ permanent antifreeze, ½ water.)
Cold weather block heater, 110 volt, 1000 watt.
78-amp alternator (sealed)*

RADIATOR & HYDRAULIC HEAT EXCHANGER

Pivot design for easy cleaning and repair.

TRANSMISSION

Saur Danfoss tandem hydrostatic, Federal Gear pump drive, variable displacement pumps & fixed displacement Charlynn/Eaton hydraulic motors.
Hydraulic oil: Mobil DTE25: capacity, 20 gal. approx.
Hydraulic filter system, 5 micron absolute rating on charge pump filter and 10 micron absolute rating on return filter.

DIFFERENTIAL

Dana Corporation. Front and rear , 70 series axle.

HYDRAULICS

Hoses are protected by using hose with super-tough abrasion-resistant cover. Prince Hydraulics cylinders with heavy duty seals.

ARTICULATED JOINT

Improved articulation joint and sealed spherical bearings. Joint is up to 60% stronger with bearing radial load increased 50% over earlier models.

HEAVY DUTY WHEEL & TIRE

Wheels, 8 holes on 6.5 B.C. (5/8" 90 degree nut). Rod reinforced.
Tires, 36 x 13.50-15 NHS, Titan high flotation, all terrain.
Receiver hitch on vehicle front for emergency towing.

BRAKE

Service brake is hydrostatic.
Mico parking and emergency brakes are a hydraulic release fail safe with manual activator in cab (4 wheel)

BACK-UP HORN

Automatic, 12 volt, 102 dba (updated).

PAINT

Standard vehicle paint – powder coat and 2 part industrial yellow polyurethane.
Compactor box paint – 2 part white polyurethane.

LIGHTS

2 high-low beam halogen headlights, 2 LED taillights, 4 turn signals, 4 flashers, 1 lift arm light, 1 box and compactor light, strobe light, dome light, backup light, lighted instrument gauges.

COMPACTION

15 second cycle time (approx.) 4-to-1 density.

STEERING

Articulation pivot, full load sensitive Char-lynn hydraulics. Tilt steering wheel (5 positions).

*Prices and specifications subject to change without notice.
F.O.B. Dakota City, Nebraska
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Form 11550-8
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