

Broyhill

when only perfection will do

LOAD AND PACK[®]



REDUCE WORK COMP

SAVE TIME

CUT COSTS

ONE OPERATOR

Load-And-Pack[®], with one operator,
empties 400-600 trash cans per day

Used in Most Major
Parks and Beaches

4 STEPS



step
1

The Load-And-Pack® grips most container sizes from 26-gallon up to 90-gallon, depending on grip arm options. Securely lifts up to 500 pounds of refuse in a single container.



step
2

Hydraulics quickly lift and empty refuse containers. Lift, dump, and return in approximately five seconds.



step
3

Compacts refuse while traveling. The large No. 7 compactor box has 4:1 compaction rate – handling up to 28 yards of refuse in a single load.



step
4

Easily off-load a filled box and on-load an empty box.

FEATURES



NEW GRIP ARMS

Overlap for positive container grip and also handle Toter's attractive, lockable 60-gallon containers.



HD MUD FLAPS on both front wheels and with reinforced steel rims.



SPRING CUSHIONED SEAT with weight adjustment for operator, includes seat belt.



IMPROVED RADIATOR ACCESS

New design makes it easy to clean the radiator. Simply remove two hex nuts and pivot hydraulic heat exchanger and air conditioner condenser to the side for improved access.



LOADING ARM CAPACITY Standard lift arm will grip and lift 55 to 90 gallon containers weighing up to 500 lbs. Smaller containers require optional shorter grip arms.



STRONGER ARTICULATION JOINT

Pivot shafts and bearings have been enlarged to handle 50% greater radial load. Longer vertical shaft spreads the bearings for better frame strength. Bearing blocks and bolts are also larger for improved strength. Greased, sealed bearings protect against dirt and water. Hydraulic hoses are protected with wear resistant covers.

NEW JOHN DEERE® POWER TECH DIESEL ENGINE:

4.5 liter, 4 cylinder, 80-hp at 2500 rpm. Emission Certifications: CARB, EEC, EPA. Vehicle travels up to 18 + mph.

POWDER COATED AND POLYURETHANE PAINT

provides a durable, corrosion-resistant finish.



NEW CAB DOORS

Cab door is steel with keyed lock and is wider (29 1/2")

Armour coating on inside and cab floor.

Automotive sealer on cab roof and bolts.



FRONT DUMPING

FEATURES



ADJUSTABLE TILT STEERING WHEEL with 5 positions allows for ease of driving for all Load-And-Pack users.



SHOVEL HOLDERS are standard on all boxes.



EASY ACCESS HITCH receiver enables using standard and towing hardware for repair or maintenance towing.



BOX FLOOR SCRAPER keeps debris away from compactor box hinge.



WHISKERS retain the garbage in the container even on the windiest of days when dumping.



CAB STEPS facilitates easy access.



REAR DUMPING



SELF DUMPING

VERSATILE



Full-time 4-wheel drive makes the Load-And-Pack® ideal for use on the softest sand as well as hard surfaces. Large tires provide turf protection and excellent flotation.



Famous properties utilize our unique refuse collection system.



Use the versatile Load-And-Pack® in parks, on beaches, and in residential areas! Great on board walks and other hard to access areas.



Utilized downtown on the Mississippi River front.



Handles most containers without damage; plastic containers, wire baskets or steel drums. Adjustable grip pressure and hydraulic lock valves maintain a secure grip.



Private campgrounds need eco-friendly equipment around visitors.



Center articulated design and power steering maximizes maneuverability. Drive anywhere, back out with ease.

COMPACTOR BOXES



Compatible with most packers. The Load-And-Pack® uses No. 7 compactor boxes with front dumping capabilities.



The Load-And-Pack® uses No. 7 compactor boxes with rear dumping capabilities.



An optional self-dumping No. 7 box is available for use with stationary compactors and/or ground dumping operations.

Call to Order FREE DVD

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VACMATE



Pick up litter without leaving your seat, with the powerful VacMate®.

1 cu yd 18 hp vacuum on vehicle. 8" suction hose with power lift. (Refuse does not pass through impeller).

REFUSEMATE



A versatile utility vehicle with a specialized refuse collection container.

2 cu yd refuse CVT vehicle available for tight or awkward areas. Available in steel or poly hydraulic boxes.

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2008 MODEL 80-HD Load-And-Pack Specifications

**LOAD-AND-PACK
OVER 30 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 Radius: 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

ENGINE

80 hp John Deere Power Tech diesel, Tier II class (4 cylinder) 4.5 liter.
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 Kevlar tubular protector sleeves. 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).

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.

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