

2019/20 Model TD 3.6 Load-And-Pack Specifications

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 compactor box).

Vehicle Max. Gross: 12,900 lbs.

#7 BOXES:

Rear Dumping: 2150 lbs. (poly covers)

Front Dumping: 2150 lbs. (poly covers)

Self-Dumping: 2550 lbs.

Capacity: 7 cubic yards.

(28 cu.yds. compacted)

Overall length: 110 in.

Width: 81 in. (87 in. pin width)

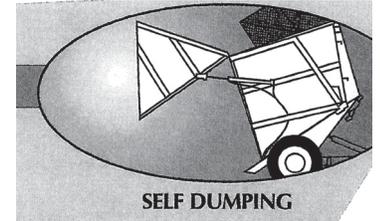
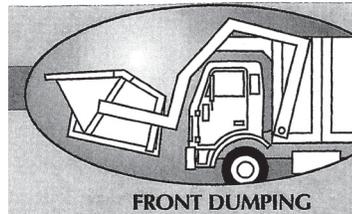
Height: 67 in.

Shovel holders included

(All weights and measures are approx. and subject to change)

Broyhill®

when only perfection will do



#9.5 BOXES:

Front: 2150 lbs.

Self-Dumping: 2450 lbs.

Capacity: 9.5cu.yds.

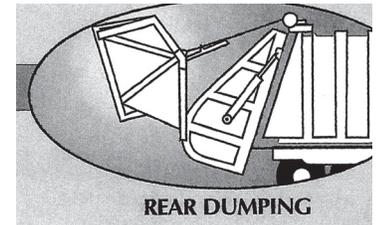
(38 cu. yds. compacted)

Overall length: 120 in.

Width: 81 in.

(87 in. pin width)

Height: 67 in.



AIR RIDE CAB EQUIPMENT

Instruments in a centralized engine control panel: volt gauge, oil pressure gauge, water temperature gauge, fuel gauge, electronic tachometer, hour meter. Hydraulic oil temperature gauge, hydrostatic charge pump pressure gauge, driving horn button, turn signal, flashers and neutral start switch. Cab and lockable door made from galvanized steel. Light switches, Head, Work, and Strobe Lights, 12 volt power outlet. Receiver hitch on vehicle front for emergency towing.

Controls Valves:

GRIP-LIFT, to clamp refuse container for lifting and transport refuse container to dump position.

CRUSH, to crush top refuse downward in compactor box.

TILT, to separate compactor box from vehicle.

COMPACT, to compress refuse in compactor box.

OPEN-CLOSE, optional, on a self-dump compactor box.

Ignition switch.

Hand throttle.

Low hydraulic oil alarm.

Foot treadle, hydrostatic directional and vehicle brake.

Windshield & other windows: Safety glass.

Windshield wiper: electric, two speed.

Air cushioned seat with weight adjustment for operator, includes seat belt.

Air conditioner, heater and defroster.

Mud flaps on front wheels.

Raptor coating on cab inside, cab floor, under cab, and fenders.

Automotive sealer on cab roof and bolts.

Cab step.

LOADING ARM CAPACITY

Standard lift arm will grip and lift 26 to 90+ gallon containers weighing up to 500 lbs, 5 second cycle time (approx.), added steel thickness for less flex. Smaller containers require shorter/smaller grip arms. Please specify your containers being used.

ENGINE

74 hp. Deutz Tier IV Final (4 cylinder) 3.6 liter
Emission Certifications: CARB; EEC; EPA
Fuel tank: 32 gal. approx.
Fuel: No. 1, No. 2 or DF-A, DF-1, DF-2. Low Sulfur.
Coolant: 4.5 gal. approx. (shipped 1/2 permanent antifreeze, 1/2 water.) with overflow reservoir.
Cold weather block heater, 110 volt, 1000 watt.
95-amp alternator.

TRANSMISSION/DUAL HYDRAULIC PUMPS

Saur Danfoss tandem hydrostatic, Hayes 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/AXLE

Dana Corporation. Front and rear, 70 series axle.

HYDRAULICS

Hoses are protected by using hose with super-tough abrasion resistant. Prince Hydraulic 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.

BRAKE

Vehicle brake is hydrostatic.

Ausco parking and emergency brakes are a hydraulic release fail safe with manual activator in cab (4 wheel). Hand auxiliary emergency brake.

BACK-UP HORN

Automatic, 12 volt, 125 dB.

PAINT

Vehicle paint - 2 part industrial yellow polyurethane.

Compactor box paint-2 part white polyurethane.

LIGHTS/CAMERAS

2 high-low beam LED headlights, LED work lights (front and cab rear), 2 LED taillights, 4 turn signals, 4 flashers, 1 lift arm light, 1 box and compactor light, strobe light, dome light, LED backup light, lighted instrument gauges. 4 way cameras (back, sides, and compactor box).

COMPACTION

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

STEERING

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

*Specifications subject to change without notice. F.O.B. Dakota City, Nebraska
Copyright The Broyhill Manufacturing Company 7/1/19; Form 11550-15
www.Broyhill.com to view demo video*