

Dempster DumpMaster® BHD



High compaction at a moderate price.

If you're seeking a **high compaction** front loader at a **moderate price**, the search is over. The DumpMaster® BHD gives you the additional **payload** you need, at a **price you can afford**. In fact, the BHD's 33 yard capacity can actually **save** you money by allowing you to **handle more containers with fewer trucks**. And, you get the same **efficient hydraulic system**, superior arm and smooth container handling our HD series is famous for. So if **value** and **efficiency** are your purchase criteria, take a good look at the DumpMaster® BHD.

DEMPSTER

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DumpMaster® BHD condensed specifications.

Loader arms

Cycle time: 31 sec.

Capacity: DP-80—8,000 pound gross load. Rated at the center of an 8 cubic yard standard container at ground level.

Construction: One-piece box-type steel construction, contoured for cab door clearance at all times.

Forks: 1½" (50,000 PSI) steel plate welded to a 4" tubular cross member mounted in replaceable steel bushings.

Torque tube: 4½" in diameter, extends full width of compaction body and is mounted in replaceable bronze bushings, attached to the lower portion of the body.

Arm stops: Reinforced, rubber, bolt-on stops located on both sides of body.

Tailgate

Roto-Dor tailgate: 10-gauge (50,000 PSI) steel face sheet and 10-gauge (50,000 PSI) steel side sheet, framed and reinforced by 12-gauge (50,000 PSI) steel channels.

Body

Floor: ¼" (50,000 PSI) steel reinforced with 3" structural channels located with 8½" maximum span. Two 8" ship channel longitudinals extend full length for mounting directly to steel chassis frame.

Side Walls: 10 Gauge (50,000 PSI) steel reinforced with con-

tinuously welded pressed steel channels.

Roof: 12-gauge (80,000 PSI) steel reinforced by 12-gauge and ¼" (80,000 PSI) steel box bracing for maximum strength.

Packer head: 3/16" (50,000 PSI) steel face sheet heavily reinforced by structural members. Complete cycle time approximately 70 seconds.

Packer head slide: Low-friction, wear resistant, ultra-high molecular weight polymer located 3.5" above floor level for longer life.

Welding: Floor, side walls and roof sheets continuous seam welded.

Hydraulics

Operating pressure: 1,600 PSI with a pump capacity of 37 GPM at 1,200 RPM.

Arm cylinders: Two double-acting cylinders, 5" diameter with 55" stroke.

Packer cylinder: 9½" diameter x 199" stroke—6 stage; 113,000 lbs. force; 70 sec. cycle.

Fork cylinders: Two double-acting cylinders, 4" diameter with 24" stroke.

Cab controls: Manual lever-operated cab controls activate hydraulic valves which raise, lower, dump, and return the container.

Oil tank: 70 U.S. gallons

Model Number	Arm Capacity (Pounds)	Approx. Body & Loader Weight (Pounds)	Overall Dimension			Hopper Opening	Hopper Capacity (Cu. Yards)	Body and Tailgate Rear of Hopper (Cu. Yards)	Total Capacity (Net Cu. Yards)	Sump Capacity (Gallons)
			Width	Height	Length					
BHD 80-34	8,000	19,900	8'-0"	8'-1"	34'-9"	79¾"x87"	8.5	24.5	33	21

CHASSIS REQUIREMENTS:

FRONT GAWR MINIMUM	lbs. (kg)	18,000 (8165)
REAR GAWR MINIMUM TOTAL	lbs. (kg)	44,000 (19958)
WHEEL BASE	in. (mm)	179-185 (4547-4699)
MINIMUM CT	in. (mm)	157 (3988)

CONTACT DEMPSTER INC. FOR ADDITIONAL DETAILS AND OTHER APPLICATIONS.

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Date published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose as performance may vary with the conditions encountered.

Bulletin #
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