



# LEADER OF THE PACK

**STREET SMARTS PUTS DM2™ OUT FRONT.** With this new generation "smart truck", the full potential of mid-packing front loaders has been realized.

- Key is the unique design of the packer head, which results in a higher level of efficiency. Mid-packing front loaders typically leave a void in the top, rear area of the body. Now, DM2 fills in all the gaps – an attribute sure to please waste managers who are striving for 100% efficiency. You're also going to like the way the packer head moves flush with the side walls throughout its full travel. The packer head's flush fit, deflector shield and scraper bar prevent excess material from spilling behind the blade; saving you the expense of countless hours of unproductive clean-out labor.
- DM2's exclusive single cylinder tilt/dump design saves weight and affords a clear frame for mounting third axles. Dempster CAD technology has decreased weight even more by varying the thickness of DM2's steel skin throughout, making this packer the strongest, leanest ever.
- Waste professionals need look no further than DM2 for the front loader that will take them smartly into the future – ahead of the pack! For more information and the name, address and telephone number of your nearest dealer contact:

**DEMPSTER, INC.** P.O. Box 1388, Toccoa, GA 30577, Tel: (706) 886-2327, Fax: (706) 886-4318



*It takes a lot of know-how to come up with a truck as smart as the DM2™. Henry French, above, led the three man development team whose combined experience designing front loaders total more than 100 years. "Our charge was to build the best front loader in Dempster's 60 year history. Since our customers demand and deserve the best, the first thing we did was turn to them. I'm proud to say, the DM2 speaks to everything on their "wish list" – and more!"*

# TECH DATA

## **DEMPSTER** **DM2** FRONT LOADER

### MATERIAL SPECIFICATIONS

Packer, Lower Face	1/4 ASTM A514 GR B, T-1A
Packer, Mid Face	3/16 ASTM A514 GR B, T-1A
Packer, Upper Face	10 Ga ASTM A607 GR 50 HSLA SH
Floor, Under Packer	12 Ga ASTM A607 GR 50 ASLA SH
Floor, Hopper	3/16 ASTM A514 GR B (T-1A)
Floor, Body	3/16 ASTM A514 GR B (T-1A)
Arm Side Plates	1/4 A572, GR 50.
Arm Wrappers	3/4" A572, GR 50.
Roof	12 GA, Van 80.
Side Walls	7GA Front, 11GA, Rear Van 80
Rear Torque Tube	4.5"O.D.x3.5" I.D., C1015 Seamless Steel Tube.
Rear Pivot Pin	2" Dia., C.D., C101B. (No bushings on rear pivot.)
Tailgate	11GA Side & Back, Van 80
Forks	1" ASTM A514 GR B (T-1A)

### HYDRAULIC SYSTEM

<b>FILTRATION:</b>	
Return Line Filter	10 Micron Suction line strainer, 20 mesh, magnetic.
<b>PRESSURE AND FLOW:</b>	
System Rating	2000 psi @ 70 gpm
<b>CAPACITY:</b>	
Oil Reservoir	55 gal.
<b>CYLINDERS:</b>	
Arm	Qty 2, 5" dia. bore x 2-1/2" dia. rod x 46-7/8 stroke
Fork	Qty 2, 4" dia. bore x 2" dia rod x 24" stroke
Hopper Door	Qty 1, 2-1/2" dia. bore x 2" dia. rod x 97-1/2" stroke
Packer (Tilt to Dump)	Qty 2, 6" bore x 4-1/2" induction harden rod tube x 71-1/2" stroke Induction hardened and hard chrome plated rods
Packer (Full Eject)	Qty 2, telescopic. 6", 5", and 4" dia. rods. 176" total stroke. Induction hardened and hard chrome plated rods.
Tailgate Lift	Qty 2, 3" dia. bore x 1-3/4" dia. rod x 41-3/4" stroke
Body Tilt	Qty 1, Telescopic 6", 5", 4" dia. rods x 118-1/2" stroke

### BODY SPECIFICATIONS

<b>BODY VOLUME:</b>	40 cu. yd.
<b>BODY HEIGHT:</b> (above chassis)	108-1/2"
<b>BODY HEIGHT:</b> (at full tilt)	254"
<b>OVERALL LENGTH:</b>	327-1/4"
<b>BODY INTERIOR:</b>	Curved construction. Approx. 86" wide, max., 80" wide min. Height - 91" Body length - 159"
<b>HOPPER INTERIOR:</b>	80" wide, 101" long.
<b>TAILGATE INTERIOR:</b>	82" wide, 91" high, 31.25" deep.
<b>PACKER BLADE TRAVEL:</b>	101"
<b>PACKER BLADE FORCE:</b> (at system pressure)	117,350 lbs
<b>HOPPER CAPACITY:</b>	12 cubic yard
<b>DUMP ANGLE:</b>	30 degrees
<b>BODY WEIGHT</b> (Standard Unit)	18,000 lbs.

### PERFORMANCE SPECIFICATIONS

Container dump cycle time	16 seconds
Packer cycle time	30 seconds
<b>CONTROLS:</b>	
Standard	Air over Hydraulic

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data 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.



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A WASTEQUIP COMPANY

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