

**DEMPSTER**  
A WASTEQUIP COMPANY



## **ULTRALITE II™** **Lightweight Front Loader**

- High-tech design/materials
- Ultra fast arm and packer cycles
  - Quick, clean unloading
  - Easiest service access

***The Tools Of The Trade*®**

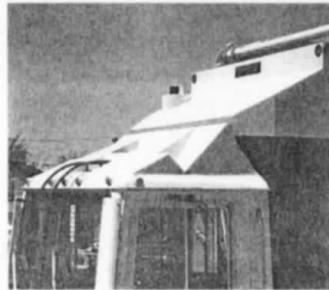
# ULTRALITE II™ Lightweight Front Loader

## FEATURES

- 15-18 second loading cycle\*
- 16-20 second packing cycle\*
- Coolest hydraulic system\* (160° max. operating temp.)
- Triple filtration system (pressure-side filter standard)
- Lightweight body design
- 38 second dump cycle
- Easy-access hydraulic system
- Tailgate lift/latch is automatic
- Unique body shape
- Selected high-strength steels throughout
- Four rear torque tube supports (includes two 7" x 3" roller bearings)

## BENEFITS

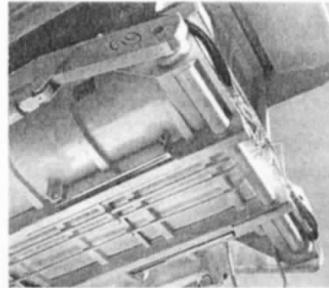
- Faster route cycles
- No waiting to clear hopper
- Extended component life
- Superb filtration—cylinders, valves and pump life extended
- Maximum possible payload
- Easiest, fastest unloading
- Promotes preventative maintenance
- Operator convenience
- Strongest body, easiest dump
- Maximizes body life
- Rigid support for longer life



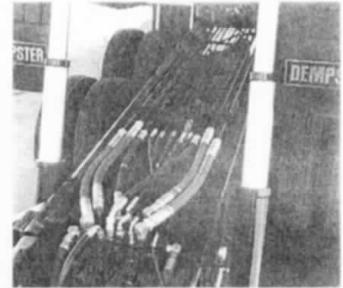
Optional lightweight, aerodynamic cab protector has built-in light package.



Custom cab-mounted console features "featherable" air controls.



Contoured body and four rugged torque tube supports add to strength and long life.



State-of-the-art hydraulics feature easy-access components and triple filtration system.

## MATERIAL SPECIFICATIONS

Packer, Lower Face	3/16 ASTM A514/A517, 100,000 psi. minimum yield
Packer, Upper Face	10 ga. ASTM A607 GR 50, 50,000 psi. minimum yield
Hopper Floor	3/16 ASTM A514/A517, 321/380 Brinell, 180,000 psi. typical yield
Body Floor	3/16 ASTM A514/A517, 100,000 psi. minimum yield
Upper Body Sides	10 ga. ASTM A607 Gr 50, 50,000 psi. minimum yield

## HYDRAULIC SYSTEM

### FILTRATION:

Magnetic Suction Line Separator	20 Mesh
Pressure Line Filter	10 Micron with in cab bypass indicator
Return Line Filter	10 Micron

### PRESSURE & FLOW:

System Rating	2250 psi @ 70 gpm (13,514 Kpa @ 265 Lpm)
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### CAPACITY:

Oil Reservoir	30 gal. (114 L)
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### CYLINDERS:

Arm	Qty 2, 5" dia. bore x 2½" dia. rod x 46⅞" stroke
Fork	Qty 2, 3½" dia. bore x 1½" dia. rod x 20" stroke
Hopper Door	Qty 1, 2½" dia. bore x 1½" dia. rod x 82" stroke
Packer	Qty 2, 5½" dia. bore x 4½" dia. rod x 59" stroke
Tailgate Lift	Qty 2, 3" dia. bore x 1¾" dia. rod x 36" stroke
Tailgate Lock	Qty 1, 3½" dia. bore x 1½" dia. rod x 4" stroke
Body Tilt	Qty 2, Telescopic 5", 4", 3" dia. rods x 63" stroke
Packing Cylinder Force:	107,000 lbs. (48,578 kg)

## BODY SPECIFICATIONS

BODY VOLUME: (compaction volume)	29 cu. yd. (22.2 m <sup>3</sup> )
HOPPER VOLUME:	11 cu. yd. (8.4 m <sup>3</sup> )
ARM CAPACITY RATING:	8,000 lbs. (tested at 16,000 lbs.) (3,632 kg)
WEIGHT: (work ready)	16,980 lbs. (approximately 7,709 kg)
BODY HEIGHT: (above chassis)	108" arms down, no options, (2,743 mm)
BODY HEIGHT: (at full tilt)	246"
OVERALL LENGTH: (with arms up)	335"

## CHASSIS REQUIREMENTS<sup>1</sup>

FRONT GAWR MINIMUM	18,000 lbs. (8,172 kg)
REAR GAWR MINIMUM TOTAL	44,000 lbs. (19,976 kg)
WHEELBASE*	181"-209"
MINIMUM CT*	155"

\*Desired wheelbase/CT varies as a result of chassis configuration. Consult with your Dempster representative for optimum wheelbase and clear platform (CT).

<sup>1</sup>CONTACT DEMPSTER INC. FOR ADDITIONAL DETAILS AND SPECIFIC APPLICATIONS.

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.

# DEMPSTER

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