

SPECIFICATIONS FOR NEW DUMP TRUCK

MODEL YEAR: 1989 or 1990

G.V.W.: 36,900# Gross vehicle weight

WHEELBASE: 152" W.B. - 84" C.A.

FRONT AXLE: 16,000 lb. Axle w/shocks
16,000 lb. Front springs'
Dual Sheppard Power Steering

REAR AXLE: Eaton #23421
23,000#Rear
Controlled traction differential, with
control valve in cab.
23,000# Rear springs
4,500# Auxiliary springs

ENGINE: IN-LINE 6 cylinder Diesel
Replaceable sleeves in block
Turbocharged
After cooled
245 Minimum horsepower
Corrosion resistor
Viscous fan drive
Air cleaner restriction gauge on dash
Dual element air cleaners, underhood
Locking hand throttle
Silicone heater hoses
Silicone radiator hoses
Air cleaner pre-cleaner w/separator
Electric ether control in cab
110V. Engine block heater
Crankshaft adaptor for P.T.O.

TRANSMISSION: Fuller FS6106 6 speed

FRAME: 110,000 P.S.I. steel main frame,
with 110,000 P.S.I. Inverted L frame
reinforcement.

Integral front frame extension, with
Integral front reinforced frame ex-
tension.

NO BOLT ON EXTENSIONS ACCEPTED

Full depth rails to end of chassis

(2) Front tow hooks.

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BRAKES:

Full air service brakes
16½ x 6" S cam front brakes
16½ x 7" S cam rear brakes
Air piggy back parking brake
12 C.F.M. air compressor
Hand control valve
B.W. AD-4 air drier w/heat.

EXHAUST:

Painted vertical tailpipe

ELECTRICAL:

12 Volt 105 Amp. L.N. Alternator
(3) 1875 C.C.A. Maint. free batteries
(2) Electric horns
Air horn
Circuit breakers
Halogen headlights
AM - FM Radio - 2 speakers (Panasonic)
Kysor engine alarm shut-down

CAB:

Steel cab w/fibreglass tilt hood
Mechanical hood tilt assist
Side opening service hood access panel
Stationary grille
Stone and gravel guard
Engine hourmeter
Air ride driver seat (Hi-Back), w/isolator
Fixed Hi-Back passenger seat
Heavy duty embossed Vinyl upholstery
Custom interior trim package (Best One)
Heated west coast mirror's
Convex add on mirrors
Tinted glass
Cab to be rust proofed
Intermittent windshield wiper's
Imron paint w/clear coat on top
Dark Green Color
Door operated dome light's
Door courtesy lights
Low fluid indicator

CLUTCH:

14" 2 plate heavy duty type

FUEL TANK:

(1) 50 gallon step tank Rt. side

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WHEELS: Heavy duty 6 spoke cast wheels
Front rims: 9.00 L.W.
Rear rims: 8.25 D.C.

TIRES: 1380R20 x 18 Ply radials - Front
Goodyear G186 on steering axle

11R22.5 x 16 Ply radials - Rear
Goodyear G124 on rear axle

MISC: Both the chassis and the engine are to be
manufactured in the United States of America.

Both the chassis and the engine are to be
built and Warranted by the same American
Manufacturer.

Bidder's are to include a special 10 year or
50,000 mile extended service contract for
100% Parts and Labor coverage on the following
Major Components

- (1) ENGINE
- (2) TRANSMISSION
- (3) FRAME RAILS
- (4) FRONT AXLE
- (5) REAR AXLE AND DIFFERENTIAL
- (6) CAB AGAINST RUST THROUGH

DUMP BODY AND HOIST: Galion N.E.A.P. #7 10' x 7'
408U Body
All 8 gauge
6-8 Yd.
1/2 Cab shield
14 1/2" Mtg. height frame to floor
U850C - DA hoist 13 ton
Full depth rear corner posts
Full depth & full across rear bolster
6 Panel cross braced tailgate
#302 Heavy duty hardware

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Box type reinforced top rail
Step at left front
Safety strut
Tarp rail
Steel splash shields
Red lights in rear corner posts
Amber lights in rear corner posts
Rotating light w/swinging bracket
Sealed cable controls
Lights and flaps
Back up alarm
Body & hoist to be built and
warranted by the same mfr.
Body and hoist to be both be built in U.S.A.
Special Penn-Dot coal door

SNOWFLOW:

Viking Model PR1246-54FEEX
Power reverse
Twin discharge plow
12 Foot cutting edge
Blade Height - 46" at center
54" at discharge ends
Screw adjustable 12" shoes or wheels
Minimum weight 2450 lbs.
Built in swivel to allow plow to tilt
Panel moldboard to be brake formed
Push frame to be 4" tubing
Power reverse twin cylinders with cushion valve
Adjustable spring compression arm's
Full trip moldboard
12' cutting edge, 1/2" x 8" center punched so
that the blade can be reversed.
"A" frame attaching arm's on 31" centers

OPTION FOR SEMI-CIRCLE LOCKING TYPE.

HYDRAULICS:

Closed center central Hydraulic System,
as per detailed Lancaster Truck Body Company
specifications attached.

SPREADER:

Furnish and install a new "Monroe" Model
MS966 tailgate spreader.

Spreader to be installed on dump body ready
for use with flow divider, spinner, and anger
controls in cab.

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Bidder may quote on an optional Stainless Steel spreader, if available.

CUSTOM SNOW PLOW HITCH

The custom truck hitch shall consist of $\frac{1}{2}$ " side plates, reinforced and bolted as far back on the truck frame as feasible.

The vertical risers shall be a minimum of 4" X 3" X $\frac{1}{2}$ " angle.

The horizontal member to which the base of the lift cylinder pins shall be a 4" X 3" X $\frac{1}{2}$ " angle boxed in with a $\frac{3}{8}$ " X 5" bar.

The lift cylinder shall be single acting with a 4" rod bore and a 10" stroke, chrome-plated piston rod.

Adjustable chevron-type packings and a wiper to clean the piston as it retracts into the cylinder.

The hitch shall provide two push heights (at least 16" - 18") on 31" hole centers for connection of the plow to the hitch.

The bottom of the hitch, behind the connection points for the pushframe, shall be adequately reinforced to transmit all plowing forces to the frame of the truck.

Welding of the hitch to chassis frame not acceptable.

*Plow lights installed on top of hitch, switch in cab.

If tilt type hood is used, front grill should be removable or permanent in place.

*OPTION: Location will depend upon truck chassis.