

LRVSW

HEIL ROCK BODIES and HOISTS for MACK LRVSW CHASSIS

**24 YARD LINE-OF-PLATE CAPACITY BODY**

HEIL ROCK BODIES

Heil's years of experience in building heavy duty rock bodies result in proven designs of greatest possible strength. All bodies are full welded, and are available with options to fit any specific job requirement. Floors of sandwich construction (steel—wood cushion—steel) for shock resistance, are also available with heated floor option to prevent sticking of loads. Strongly reinforced canopy, more and heavier bolsters, skilled workmanship—all these contribute to years of profitable hauling life.

(See other side for detailed specifications)

HEIL HOISTS

Heil pumps and cylinders are the latest and best designs for rugged, extra capacity hoist performance. Long production experience and time tested components assure operating dependability on the job.

Extra margins of strength are designed into each component. Hoists are mounted to deliver full lifting power without putting transverse stresses on frame. Pumps have high volume capacities, and are made to close dimensional tolerances which insure long effective life.

Thousands of Heil hydraulic hoists operating all over the world testify to this manufacturer's design and manufacturing skills.

**HEIL UT 84-125 HOIST****AUTOLIT**

Automobile - Truck - Motorcycle 1900 to Present
ORIGINAL Sales Brochures, Manuals, Books, Posters,
Catalogs, and MUCH More. World's largest selection!

HEIL HOIST SPECIFICATIONS

MANUFACTURER—The Heil Company, Milwaukee, Wis.

GENERAL HOIST DESCRIPTION—Double-acting (power up and down), twin cylinder, 4 stage telescopic hoist especially designed for tandem axle MACK LRVSW off-highway chassis.

MODEL—UT 84-125.

CYLINDERS—Two telescopic cylinders furnished. First (largest movable) sleeve is double acting in nature. Movable sleeve diameters (nominal):

First—7-11/16"

Second—6 1/2"

Third—5-3/16"

Fourth—3 1/2"

Total stroke—125".

Cylinders universal joint mounted at each end to keep side load off cylinder. Last sleeve incorporates overdumping snubber.

DUMP ANGLE—70°.

PUMP—60 gallons per minute (at 1200 pump RPM) pump mounted directly to Mack power take-off.

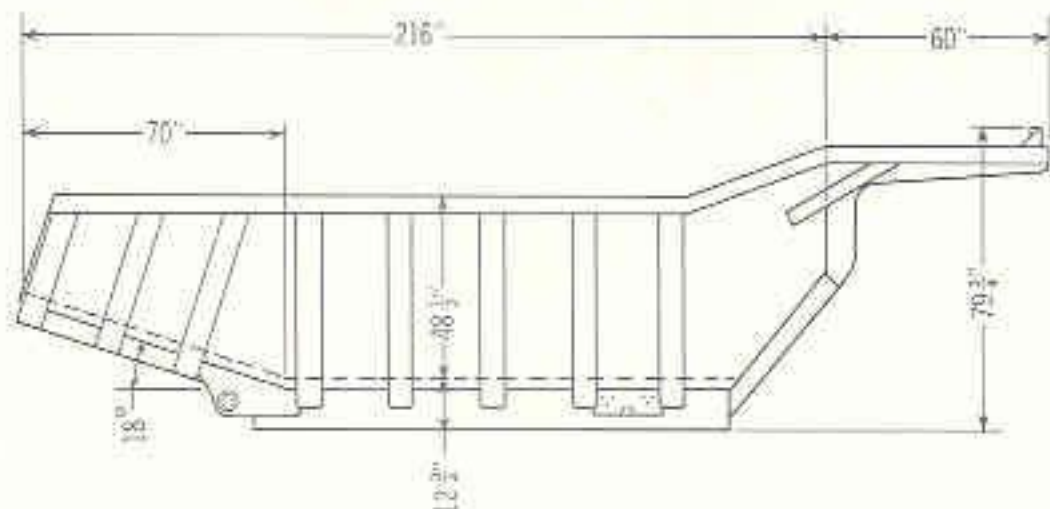
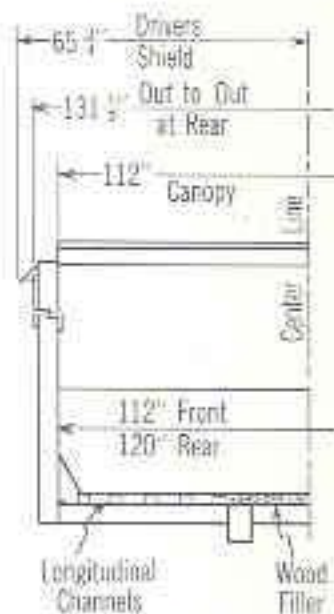
OPTIONAL EQUIPMENT—90 gallon per minute pump mounted on independent bracket and driven by heavy duty drive line from Mack power-take-off.)

VALVE—Spring centered, 1 1/4" valve attached to bracket outside of chassis frame. Valve incorporates built-in check valves and relief valve factory set at 1250 psi. Provides Raise, Hold and Lower (power or gravity) positions.

OPTIONAL EQUIPMENT—90 gpm detent valve attached to bracket outside chassis frame. Valve incorporates built-in check valves and relief valve factory set at 1250 psi. Provides Raise, Hold and Lower (power or gravity) position.

HINGES—3" diameter through hinge shaft.

MISCELLANEOUS—All rotation points equipped with pressure lubrication fittings. Cylinder base and hood universal joints incorporate carburized and hardened, renewable, steel bushings.



HEIL BODY SPECIFICATIONS

CAPACITY: 24 Yard Line-of-Plate.

MATERIAL IN BODY: Canopy—1/4" hot rolled steel.
 Front Head Slope Section—3/8" hot rolled steel.
 Front Head Vertical Section—3/8" hot rolled steel.
 Body Sides—3/8" hot rolled steel.
 Body Subfloor—1/4" hot rolled steel.
 Wearplate and Corner Bevel Plates—3/8" hot rolled steel.
 Top Rail—Two 4" x 4" x 3/8" hot rolled steel.
 Bolsters—1/4" hot rolled steel, 5" x 4" U-Shape.
 Longmembers—3/4" hot rolled steel, 4" x 10" U-Shape.

DOUBLE FLOOR CONSTRUCTION

Floor filler consists of combination wood and 3" (1.125") longitudinal channels. Wood in center 2" nominal thickness of edge grain oak or ash—channels on each side of wood. Internal holes for body heating provided.

OPTIONAL EXTRAS

- (1) Full welded high tensile wear bars. Nine bars 3/4" x 6". To extend up front slope section and down and around rear end.
- (2) 3/4" high tensile wear and corner bevel plates.
- (3) 3/8" high tensile wear and corner bevel plates.
- (4) Body equipped for heating (includes exhaust inlet and outlet on body and double wall slope section).
- (5) Exhaust heater connection for chassis.
- (6) Rock ejectors (two each side to hang between each pair of dual tires).
- (7) Loose canopy for export shipment.
- (8) Twin body prop (consists of two stiff legs—one on each side of body).
- (9) Rock guards over tandem tires.

AUTOLIT



Automobile - Truck - Motorcycle 1900 to Present
 ORIGINAL Sales Brochures, Manuals, Books, Posters,
 Catalogs, and MUCH More. World's largest selection!