

LRSW

HEIL ROCK BODIES and HOISTS for MACK LRSW CHASSIS



21 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 2040 DA 70° HOIST

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HEIL HOIST SPECIFICATIONS

MANUFACTURER — The Heil Co., Milwaukee 1, Wisconsin.

GENERAL HOIST DESCRIPTION — Double acting (power up and down) twin cylinder, arm type hoist especially designed for MACK LRSW tandem axle off-highway chassis.

MODEL — 2040 DA 70".

CYLINDER — Two, 10" inside diameter, 40" stroke, double-acting cylinders.

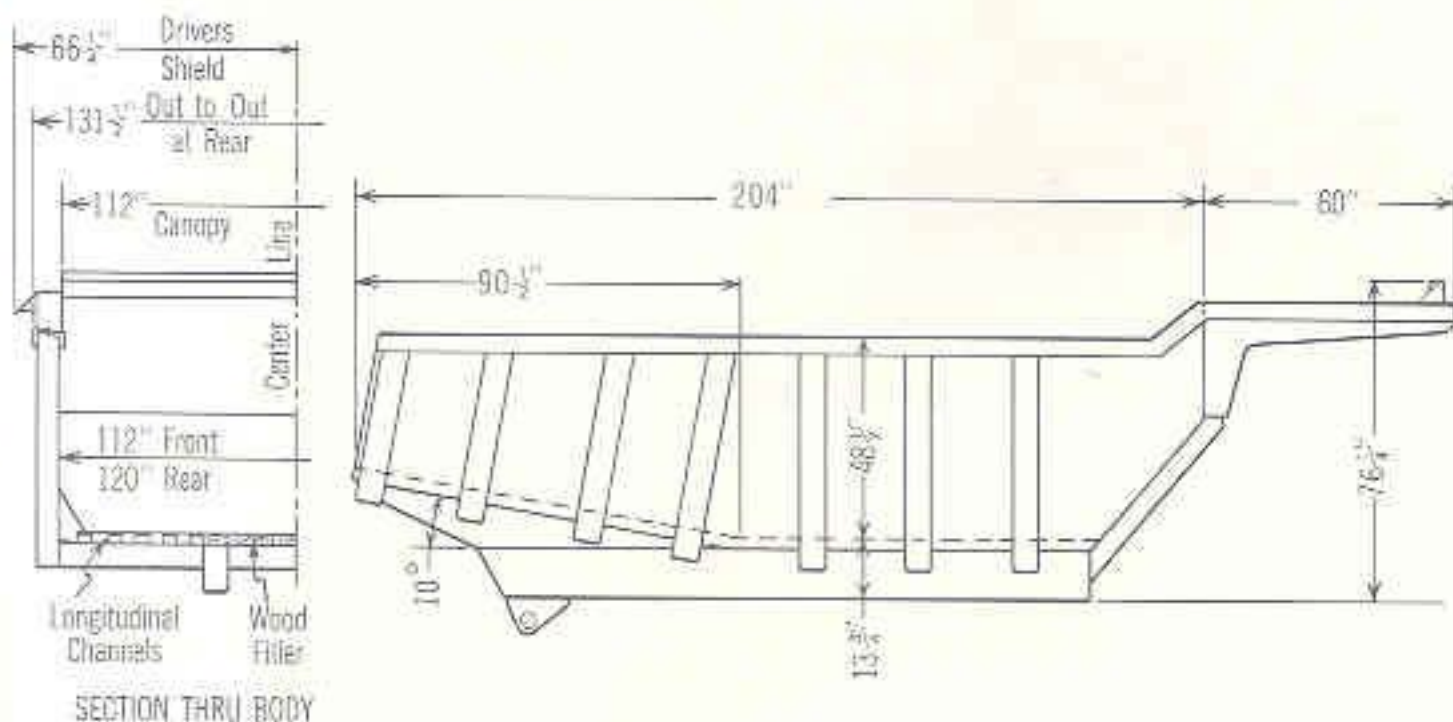
DUMP ANGLE — 70°.

PUMP — 60 gallon per minute (at 1200 pump RPM) pump mounted directly to Mack power take-off. (Optional equipment — Allison Torqmatic transmission chassis have a 60 gallon per minute pump attached to mounting bracket and driven by heavy duty drive line.)

VALVE — Spring centered, 1 1/4" balanced valve attached to bracket outside of chassis frame. Valve incorporates built-in check valves and relief valve factory set @ 1400 psi. Provides Raise, Hold and Lower (power or gravity) valve positions.

TANK — 30 gallon (working capacity) oil tank incorporates air cleaner and anti-cavitation baffles as well as suction line shut-off cock.

MISCELLANEOUS — All rotation points equipped with pressure lubrication fittings. Piston rod heads, links and lever arm equipped with carburized and hardened steel bushings to reduce wear and allow field rebuilding. Hardened pins and shafts throughout.



HEIL BODY SPECIFICATIONS

- CAPACITY:** 21 Yard Line-of-Plate.
- MATERIAL IN BODY:** Canopy — 1/4" hot rolled steel.
 Front Head Slope Section — 1/4" 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 — 3/2" hot rolled steel, 5" x 6" U-Shape.
 Longmembers — 3/4" hot rolled steel, 6" x 11" U-Shape.

DOUBLE DOOR CONSTRUCTION

Floor filler consists of combination wood and 3" @ 7.1# 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 5/2" x 5". To extend up front slope section and down and around rear end.
- (2) 1/2" high tensile wear and corner bevel plates.
- (3) 3/4" 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 grip (consists of two stiff legs — one on each side of body).
- (9) Rock guards over tandem tires.

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