

LRX

HEIL ROCK BODIES and HOISTS for MACK LRX CHASSIS



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.

9.8 YARD LINE-OF-PLATE CAPACITY BODY

(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 2824 DA 70° HOIST

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HEIL HOIST SPECIFICATIONS

MANUFACTURER — The Heil Company, Milwaukee, Wis.

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

MODEL — 2824 DA 70.

CYLINDER SIZE — Two — 8" inside diameter, 24" stroke, double acting cylinders.

DUMP ANGLE — 70°.

PUMP — 1" gear pump equipped with extra capacity tapered roller bearings. Pump provides 35 gallons per minute @ 1000 RPM pump speed (corresponding to 1330 RPM engine speed). Pump bolt attached to heavy chassis frame bracket.

VALVE — Spring centered 1/4" balanced valve bolt attached to top of oil reservoir outside of chassis frame. Valve incor-

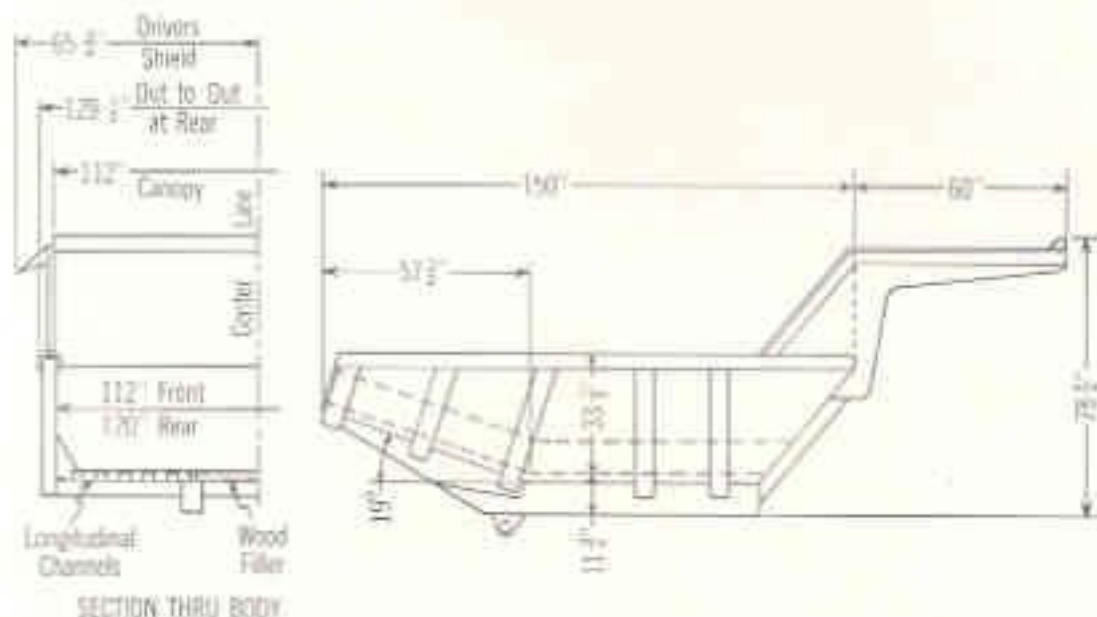
porates built-in check valves and relief valve factory set at 1250 psi. Provides Raise, Hold and Lower (power or gravity) valve positions.

POWER-TAKE-OFF & ADAPTER — Heavy duty power take-off and adapter equipped with tapered roller bearings.

DRIVE LINE — Heavy duty drive line incorporating square slip joint.

TANK — Oil tank of 13 gallons working capacity, 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 rebuilding in field. Hardened pins and shafts throughout.



HEIL BODY SPECIFICATIONS

TYPE "A" BODY — HIGH TENSILE STEEL — TYPE "B" BODY — MILD STEEL

		TYPE "A"	TYPE "B"
CAPACITY:	Line of Plate	8.8 Yds.	9.8 Yds.
MATERIAL IN BODY:	Canopy	1/2" High Tensile	1/2" HRS.
	Front Head Slope Section	1/2" High Tensile	1/2" HRS.
	Front Head Vertical Section	1/2" High Tensile	1/2" HRS.
	Body Sides	1/2" High Tensile	1/2" HRS.
	Body Subfloor	1/2" High Tensile	1/2" HRS.
	Wearplate and Corner Bevel Plates	1/2" High Tensile	1/2" HRS.
	Top Rail — Two HRS. Angles	4" x 4" x 1/2"	4" x 4" x 1/2"
	Bolsters — 4" x 8" U-Shape	1/2" HRS.	1/2" HRS.
Longmembers — 6" x 9" U-Shape	1/2" HRS.	1/2" HRS.	

TYPE "A" AND TYPE "B" BODY DOUBLE FLOOR CONSTRUCTION

Floor filler consists of combination wood and 1" @ 7.10" longitudinal channels. Wood is center 2" nominal thickness of edge grain oak or ash — channels on each side of wood. Internal holes for body heating provided.

OPTIONAL EXTRAS

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| <ul style="list-style-type: none"> (1) Full welded, high tensile wear bars. Min. bars 1/2" x 8". To extend up front slope section and down and around rear end. (2) 1/2" high tensile wear and corner bevel plates. (3) Body equipped for heating (includes exhaust inlet and outlet on body and double wall slope section). (4) Exhaust heater connection for chassis. | <ul style="list-style-type: none"> (5) Rack slingers to hang between dual tires. (6) Two yard, rated, weld-on slide boards. <ul style="list-style-type: none"> (a) Type "A" body — 1/2" high tensile. (b) Type "B" body — 1/2" HRS. (7) Lower chassis equipment diagram. |
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