

Haul Truck Liners



We're the **Industry Leaders** in lining systems that will lower your operating cost.



ValleyRubber.**Solutions** | 1.256.784.5231

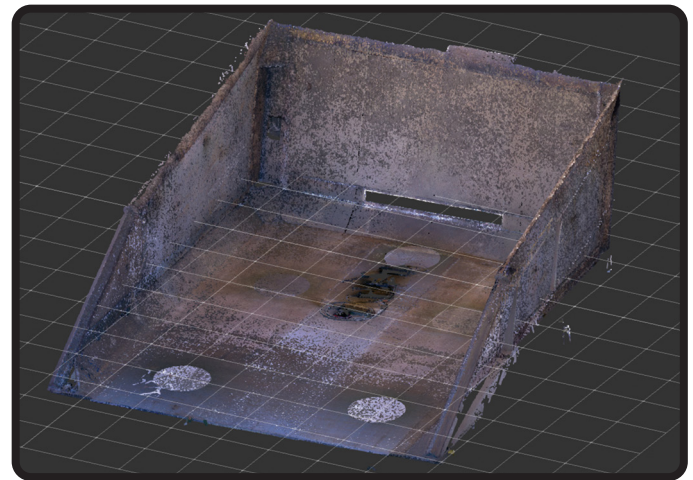
Proven Solutions



The Valley Rubber Difference

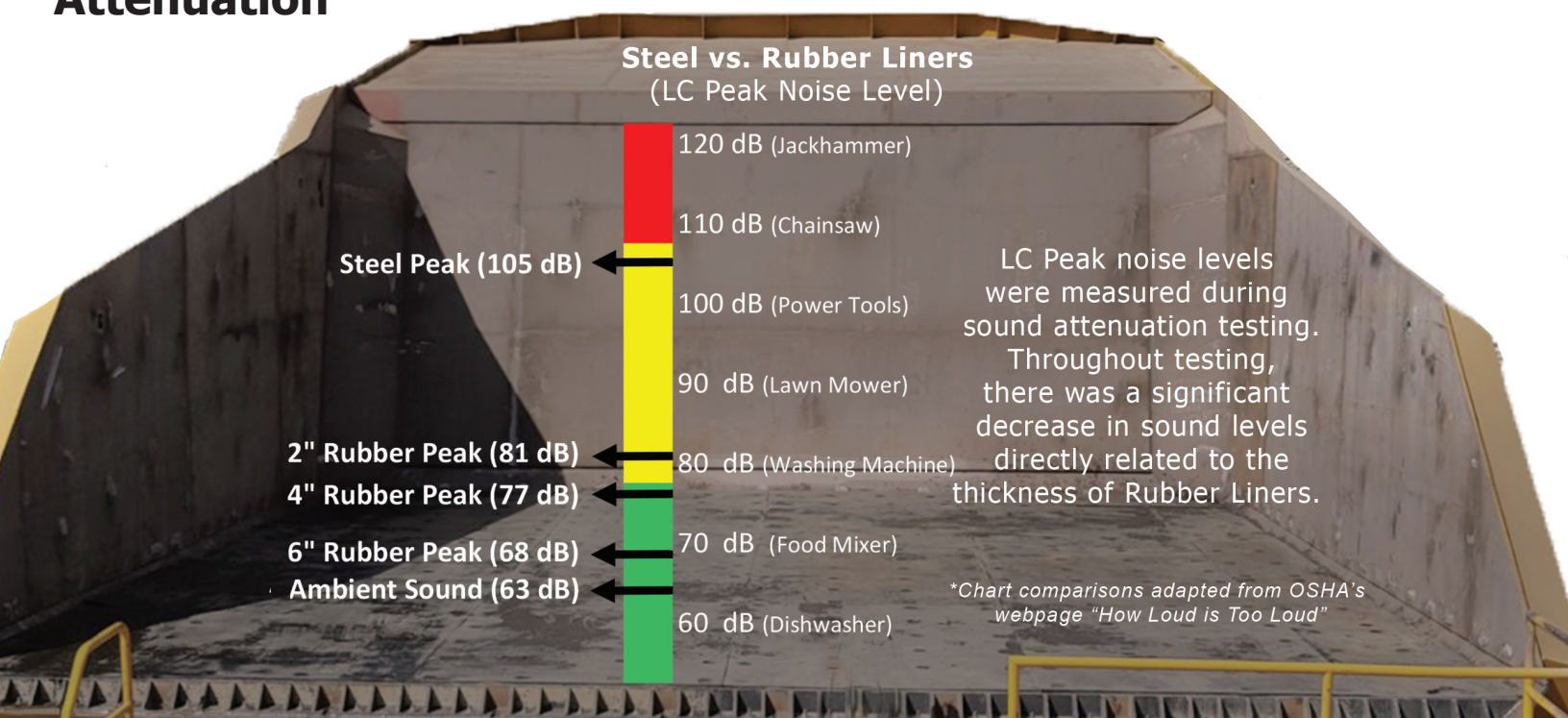
- 3D laser scanning of your bed
- Rapid installation compared to steel
- Superior life-cycle/wear-life on our Rubber Liner versus high alloy/carbide overlay steel liner
- Significantly increased availability of equipment
- Reduced box maintenance
- Decreased shock load to the bed and truck frame
- Ability to line heated and non-heated beds
- Improved driver comfort

Our Rubber Truck Bed Liners absorb energy, protect against abrasive material and drastically decrease costly box maintenance. When properly designed for the application, the Valley Rubber Liner System is superior to conventional steel liners.



Valley Rubber can do on-site 3D scanning to determine your exact needs.

Sound Attenuation



A red plastic storage bin, likely for construction materials, is shown. It is filled with wooden planks and secured with two black straps. The bin is sitting on a wet, reflective surface, possibly a metal table or floor. To the left of the bin, a single wooden beam lies horizontally. The background shows more stacks of wood and another similar red bin.

FIGURE 10
TYPICAL REINFORCEMENT DETAIL FOR SLAB EDGE

SECTION A-A

FIGURE 10: Typical Reinforcement Detail for Slab Edge. This technical drawing shows a cross-section of a slab edge. The main slab has a thickness 'h' and is reinforced with top bars at the edge. The top bars are labeled '100% TOP BARS' and '100% TOP BARS'. The edge has a width 'a' and a height 'h'. The reinforcement is shown as a grid of bars. A detail view 'SECTION A-A' shows a cross-section of the edge, with a width 'a' and a height 'h'. The detail view shows the top bars and the edge reinforcement. The main drawing also shows the overall dimensions of the slab edge, including the width 'a' and the height 'h'. The drawing is labeled 'FIGURE 10' and 'TYPICAL REINFORCEMENT DETAIL FOR SLAB EDGE'.

[Read our Haul Truck Liners Case Study.](#)



Performance Guarantee

Valley Rubber manufactures Haul Truck Bed Liners for all size truck bodies; historically we have lined 25-ton up to 400-ton trucks. We guarantee that every Rubber Truck Bed Liner will be cost effective compared to any steel liners available on the market today. Cost effectiveness is measured by:

- Initial cost of the liner materials
- Installation cost
- Box and liner maintenance cost
- Liner removal/replacement cost
- Payload capability as a factor of total cost-per-ton transported



Duratray Conversions

Valley Rubber can rebuild Duratray boxes and return them to serve as a maintenance-free system.

Problem

- Duratray boxes taken out of service due to excessive maintenance costs.
- Cables reached a point where they could not be tensioned any further.
- Tension cables would break causing damage to the rubber liner and the cables would require a long period of time to replace.
- When a hole developed in a liner, the whole bed liner had to be replaced
- Rubber Liners with patched holes were not feasible.
- Cables would have to be regularly tensioned, replaced or repaired.

Solution

- Modifications were made to the truck box frame.
- The center of gravity was lowered giving extra stability to the truck.
- A steel structural support plate was added to the existing framework.
- Modular steel-backed Rubber Liners were bolted to the floor.
- Liners were abrasion resistant and structurally sound.

5 Years...Zero Box Maintenance!

Valley Rubber installed 6" thick Rubber Liners in Komatsu 830 and 930 Haul Trucks with the intention of extending the useful life of the truck box to five years without performing maintenance or repairs, except the monthly routine inspections and the rotation of the central pieces of the lining every three years. After 5 years, the Rubber Liners are still in service. The first trucks lined have hauled as many as 10,898,400 tons, all with zero box maintenance.

