

Thank you for purchasing this deLuxe innovations series 10000 Woodchip Car
(we think you have GREAT taste)

deLuxe innovations is proud to present this Modern Woodchip car originally built by Gunderson, Inc. This replica of the full size car is produced using aerospace techniques for thin wall construction high fidelity detail down to the brake ratchet, cover retainer hooks on the top of the door at one end, and even to the "butt weld" seam down the center of the car side!

The car has a maximum cubic capacity of 6798 feet. It is a shade over 61' long at the end sills. Load Limit is 189,800 lbs., empty weight is 73,200 lbs. It is an excessive height car at 15' 9".

Many people have the opinion that chip cars came into being through the disappearance of haystack incinerators, and were used primarily to carry waste-wood products and waste sawdust. In fact, the chip car was developed to transport a very important product. Woodchips. Paper products and others need LOTS of wood fibre. To ship 100 tons of raw logs or peeler cores (plywood plant raw stock) would take a lot of flatcars, a sophisticated load-unload operation, and a lot more train than shipping the wood in its most compact form. Chipping the wood at the shipping end instead of the receiving end simplifies the entire process. Not only is loading easier (blow it in with a hose or dump it from an overhead bin), but unloading is as well (suck it out with a vacuum hose, dump the car-- rotary or end dump, as both ends are equipped with doors). To keep the chips in the car in transit, they are often run with a net over the load. This net has a fairly tight mesh, and is stored in the hooks in the hinge bar at the top of the ratchet end of the car.

Since the Woodchip Industry is all about maximizing effort, and minimizing cost, the cars run in unit trains or mini-units (at least six cars) from lumber mills, transfer loading facilities, and chippers. Some of the end users are paper mills, pressboard manufacturers, insulation manufacturers, cardboard factories, pres-to-log plants, and even some power and light companies that use burnable chips for generators.

Many Railroads, notably the Union Pacific, refer to their 'chip cars as "Chipracks". For more information, please check out "Union Pacific Chip Cars" in Mainline Modeler January 1994, and "Down to the Sea in Chips" CTC Board Railroads October 1992.

Hey!-- we're always looking for photos of Woodchip cars at work. Should you have a road we don't, please send it in, and we will send you a great deLuxe gift!

Operating the deLuxe innovations series 10000 Woodchip Car

If you run your model empty - we have included the three crossbars that are on the prototype. If you run loaded, the bars remove quite easily, and can be stored inside the car under the load for later use.

The crossbars should fit snugly in the three sets of pockets provided, and not bulge the car sides. If they bulge, sand the end with #600 sand paper, until the bulge disappears. When you are satisfied with the fit, the tiniest drop of white glue (use a toothpick!) will hold the bar until you want it to come out.

The Rapido coupler/trucks that are original equipment can be replaced by one of the following

Micro-Trains Line® 1037 Barber Med Ext

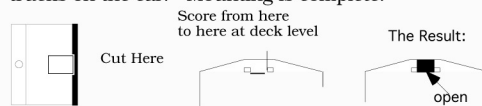
Micro-Trains Line® 1033 Roller Bearing

Precision Masters 1015 Unimate Medium

Kato Coupler Medium Shank

If you have a clearance problem between the MTL 1037 or 1038 coupler box and the car end door, shave off the point of the end door with your hobby knife until the truck swings freely. We highly recommend using low profile wheels with these trucks, as this will remove the need for the spacing washer.

If you are ready for body mounting, there are locating bosses included on the underside of your Woodchip car. Turn the car on it's top, and remove the trucks. At each end of the car, cut the ends straight down to the locator box. Score the end horizontally using the car floor (bottom) as a cutting guide. Snap off the piece. Clean with sand paper as needed. A Micro Trains Line 1023/1025 coupler and box should just fit in the opening and in the locator. With a coupler box in the locator, use a pin to mark the location of the mounting hole. The mounting screws are "self threading" if you do not use too much force. Use the coupler box as a screw guide, and the pinhole as a pilot and screw in the screw. Using a chisel blade in your hobby knife, remove the coupler and box from the original trucks. Remount the trucks on the car. Mounting is complete.



The chip car is designed to run at the proper height with this body mount configuration. If you run with truck mounted couplers, and would like to body mount your chip cars, a conversion car may be fashioned by using standard truck mounted couplers at one end, and body mounts at the other end. Run one such car on each end of the string of 'chip cars.