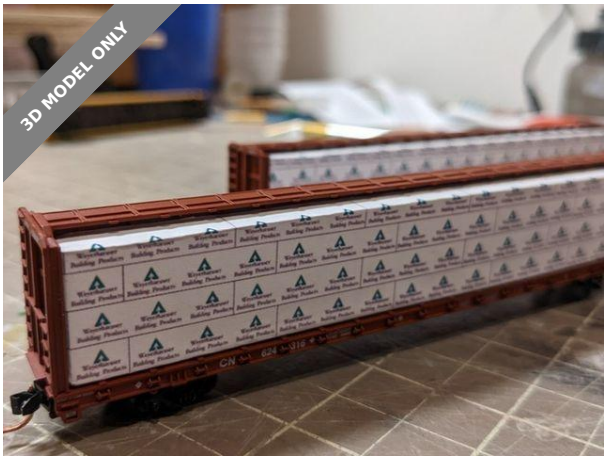


N Scale Lumber Loads (1:160)

p **pbechard**

VIEW IN BROWSER

updated 2. 3. 2023 | published 2. 3. 2023

Summary

Two sizes of lumber loads for 61' and 73' N-scale centerbeam/spline rail cars. Also included are templates for cutting...

Toys & Games > Vehicles

Tags: trains thingiverse lumber

Two sizes of lumber loads for 61' and 73' N-scale centerbeam/spline rail cars. Also included are templates for cutting out the paper "load-covers" that get wrapped around the printed block. (Don't cut out the middle rectangle - it's just for making sure your alignment is straight to the logos on the paper.)

The side of the load block with the hole is designed to be inward facing, so you'll glue to the other sides. The hole is sized to accept a 6mmx2mm round magnet, so that the loads attract to each other, securing to the rail car by pinching it between them. A dab of crazy glue should hold the magnets in place.

Included are a few sample wraps, which were sampled from here, where the author outlines his process to make loads for his bulk-head cars: https://kootenaymodelrailway.wordpress.com/2013/05/29/kootenay-kwikie-making-lumber-loads/?

fbclid=IwAR1P85dJZlvnJ4A9SEgbMFaXHJxFsMwhkvnbAOCZN1k5-OWb6JuT7xenj_w

Assembly process:

- Test fit your printed load on car, lightly sand edges/corners as necessary. The paper will add a bit more width, so keep that in mind.
- Cut out the paper logos using the guide, then place the cutout face down on your work surface.
- Cover the load cube with your favorite glue on all sides except the side with the hole/words. I used 3M 77 Spray Adhesive. I'm sure glue sticks would work too.
- Flip the load cube to be sticky side down, and center in the paper cutout. Press firmly.
- Carefully fold the long edges over the block and secure. Repeat on short edges.
- Trim any excess paper with a sharp hobby knife.

Optional: I found the loads fit pretty tight as is, but if they are a bit loose you can secure a 6mm x 2mm disc magnet (eBay, Amazon) into the hole on the back, paying attention to polarity so that a matching pair of loads will attract each other when installed onto the car.

Category: Vehicles

Model files

centerbeam_railcar_load_templates.stl

centerbeam_73_load.stl

centerbeam_61_load.stl

Find source .stl files on Thingiverse.com

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✔ | Commercial Use
✔ | Free Cultural Works
✔ | Meets Open Definition