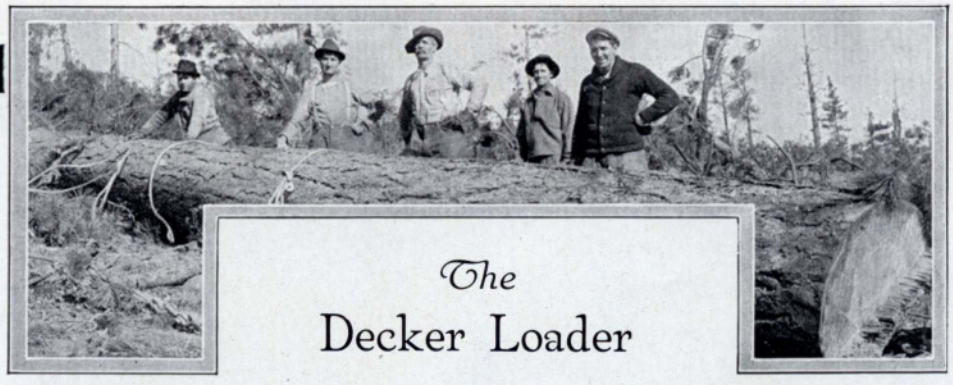

The Decker Loader

This style of log loader remains on its trucks at all times; that is when loading as well as when moving along the track. An open space is provided above the trucks and under the machinery deck for passing empty cars through.

The frame is entirely of structural steel, and the cab may be either of skeleton steel or enclosed wood style. The lower frame is mounted on standard four-wheel trucks with heavy body bolsters which support the entire upper structure.

Four perpendicular corner legs, each made of three I-beams plated together, support the upper deck on which the machinery and cab are mounted. The width and the height between the lower and upper decks are made to accomodate the size of cars intended for use with the machine. The outside width of the machine over all is twelve inches more than the inside width between the perpendicular corner posts.

All parts of the steel frame are thoroughly braced and hot riveted, securing the maximum of flexibility and strength.

The trucks are standard swiveling type with four wheels on each, twenty-four inches in diameter. Arch bars and frame structure of the trucks are steel throughout and hung low so as to reduce the height of machine to a minimum. These loaders are built for any gauge track desired and are in successful use on thirty-six inch, forty-two inch, metre, and standard gauge, and are operating on steel rails from twenty-five pounds up. A number are operated on wood rails, forty-two inch gauge. These have special wheels with seven inch parallel tread and deep flanges.

Steel rails are laid through the machine on the lower deck and are connected at front and rear with a trussed incline track reaching down to the main rails. These inclines are hinged to the fixed rails in the machine, so that they may be raised off the main track when moving along the road.