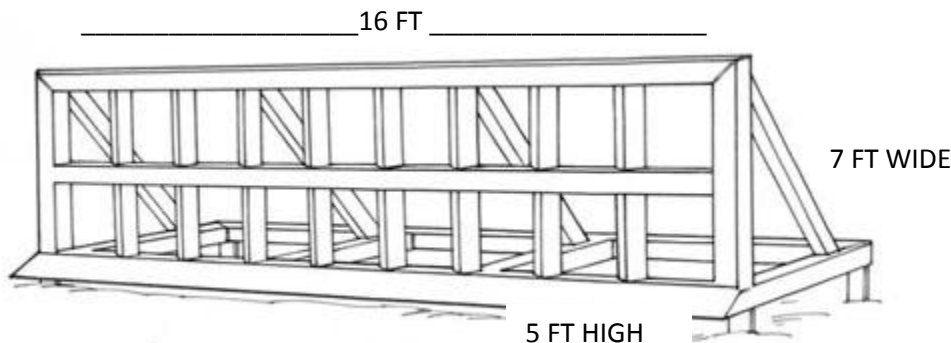


## Delimiting Gates and Portable Bridge Mat

### Delimiting Gate

Gate, flail, and pull-through delimiters are landing based methods for removing limbs from the boles of trees. These are relatively low cost methods for delimiting. They are used where the quality of the delimiting job is not critical to either the purchaser or the post processor. Once the trees have cleared the gate, a counter weight attached to the gate by cable returns the gate to its upright position. The trees are then rearward pushed through the apertures in the gate by the skidder to remove the limbs.

Gate delimiters are welded structures consisting of steel tubing welded in a grid pattern. Our delimiting gates have an integrated support structure, or consist of a simple flat grid that is tied to standing trees. A grapple skidder backs a load of trees through the gate, breaking the limbs off of the bole in the grid. (Standard size shown below, but you can customized your size to fit your needs)



### Portable Panels Bridge Mats

The bridge was designed for off-highway vehicle traffic, such as wheeled log skidders. The design vehicle was a skidder weighing 34,000 pounds with a 10-foot wheelbase. The bridge consisted of two panels, each 4 feet wide and 30 feet long. (Customized your size to fit your needs)



### Installation and Removal

There were two methods of installation. In one method, a skidder's grapple was used to pick up each panel, back the panel into place across the stream, and then lower the panel directly on the bank. Another installation method involved winching the panels into place with a skidder or crawler tractor. A gap was left between the panels so that the wheel line of the skidder matched the centerline of each panel.

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