



Clyde "Rapid" Style Ground Skidders

This machine is designed for moving over the ground away from a railroad, or to slide along on the top of cars similar to the "Rapid" log loader. It is used for skidding logs on the ground from pot holes and difficult places. As an auxiliary unit for serving a railroad skidder it is used to yard logs to the trail, or go out beyond the distance possible from the railroad, and bring the logs within reach of the railroad machine. In this way larger areas are covered with less track mileage under conditions where track building is very expensive.

It is also used for skidding and loading where logs are hauled out on other conveyance than railroad.

The machine is moved over the ground with the spotting cable run out from the front drum on the engine and wound up with

the engine after hitching to a stump or tree. In very difficult places the pulling power may be doubled by running the spotting line through a snatch block hitched to a tree or stump, brought back and hooked to the crotch chain on the end of the machine.

To facilitate moving in this way and provide a practically indestructible frame, the side sills are made of twelve or fifteen inch beams with six or nine inch beams parallel so that a plate $\frac{3}{8}$ inches thick and twenty inches wide may be riveted on the bottom, thus forming steel side sills twenty inches wide. The front and rear ends of the side sills are curved up for readily passing over obstructions.

The framing between the side sills is made of heavy beams and angles thoroughly braced and hot riveted. For specially wet

