



Clyde Universal Skidder and Loader

This is a distinctive type of combined skidder and loader, self-propelling, and built for both ground skidding and cable-way.

This machine has proven its efficiency and has overcome many of the objectional features often inherent in combination machines. It is a complete and self contained logging unit.

The Universal is for operating on railroad track and is arranged to pass the empty cars through the machine so that the operation is carried on without building spur tracks or sidings for setting the machine.

Being self-propelling it moves along the track without assistance of locomotive and takes the cars along with it from one setting to another. The empty cars are placed in the rear of the machine and spotted through to

the front with separate drum and cable in position for loading.

The frame of the Universal is made of structural steel throughout, so braced, trussed and hot riveted as to secure the maximum of strength and durability.

The construction of this frame permits cars to pass through over the trucks and under an upper deck which carries the engine and boiler. A track passes over the trucks with incline rails hinged at each end reaching down to the rails of the road, in the same manner as the "Decker" loader. The inclines terminate at the outer ends with flexibly connected manganese steel points to engage the rail. The inclines are raised with the load line in front and the car spotting line in the rear when moving the machine along the track. It is

