All engine beds and drums are made of cast steel and all gears are steel with machine cut teeth.

The capacity of all drums is sufficient to carry cable to skid a maximum distance of three thousand feet on the basis of $1\frac{1}{8}$ inch cable for skidding and outhaul lines.

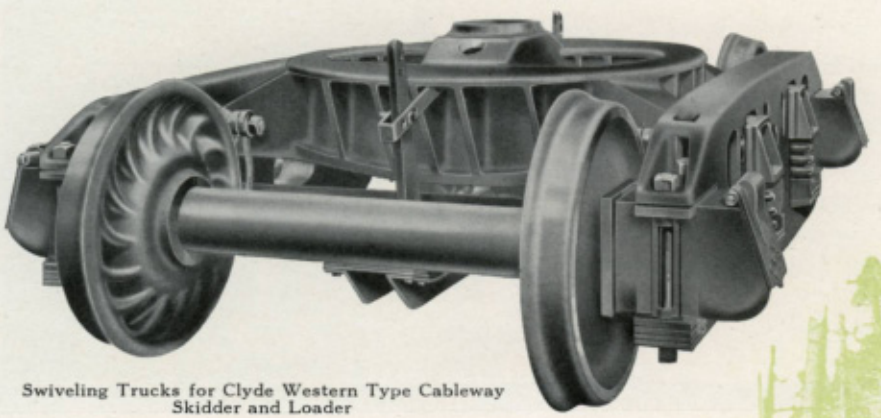
Extended fire box boiler for 200 lbs. working pressure, asbestos covered, is placed on the rear of the car platform and piped to the various engines. This may be fitted for coal, wood or oil burning.

The trucks are four-wheel type arranged to swivel in a full circle so that the machine may be turned end for end on a switch or siding. Rub irons and turntable are incorporated in the structure to properly support the main frame at any position of the trucks in turning. The trucks are equipped with brakes and arranged to disconnect the brake rods when turning the machine around.

Four hydraulic jacks, one at each corner, are fitted to the car frame for supporting the machine and providing rigidity when machine is set for operation. An independent steam pump is provided for operating these jacks.

The method of handling and operating this equipment is similar to our other Tree Rigged Machines, using a head tree or spar and setting the machine on a spur at the side of the main track with the head tree directly in front of the machine. The hydraulic jacks permit tipping the machine slightly to provide straight lead of the lines to either side of the spar tree.

The loading lines will usually lead to the opposite side from the other lines to the spar tree, and this adjustment is accomplished with the tilting feature already described in connection with the loading engine. Thus the lines may be changed from one side of the spar tree to the other without shifting the machine or spur track on which it rests.



Swiveling Trucks for Clyde Western Type Cableway Skidder and Loader