Clyde Western Type Cableway Tree Rig Skidder and Loader

For Handling Large and Heavy Timber.

To incorporate the advantageous features of our logging machinery with equipment of sufficient strength to handle the largest timber, including the fir of the Northwest, it is necessary to keep in mind the special conditions which prevail as compared with sections covered with smaller timber, and which have a decided effect in determining the methods necessary to follow.

With large timber and great quantity on a given area, it is necessary to provide some method for loading the logs approximately as fast as they are skidded.

Combining strength and speed at skidding, with power for loading this large timber, as well as simplicity and durability, and be within the limit of practical weight, all within a single unit has been accomplished in the design and construction of this type of Clyde Cableway Skidder as illustrated herein.

The following briefly describes its construction and method of operation.

This machine consists of a main skidding engine, a duplex loading engine, a rigging engine, and a boiler supplying steam for the above, all mounted on a steel car having full circle swing trucks, and a set of four hydraulic jacks for raising the machine for blocking when in operation.

The main engine for skidding is a double cylinder non-reversing two speed engine equipped with piston valves and outside valve motion. It is equipped with three drums: skidding, outhaul and slack pulling, arranged to function in practically the same manner as other Clyde Cableway Engines described herein, but to provide for easy and positive control of such powerful equipment, the details of construction are much different.