



either side. This arrangement also provides a convenient method for raising and lowering the boom with the load line.

In the construction of the cab a frame made of steel angles is provided for supporting wood studding and rafters. It is sided with matched ceiling and roof covered with sheet metal. The front is provided with doors which fold upward so that the entire front is open when the machine is in operation. The operator's side has a similar door folding upward at the top and a drop platform at the bottom providing ample space for the operator. This arrangement provides an entirely enclosed cab when so desired.

An upright steel water tank is mounted on the rear of the platform or loader frame, which has sufficient capacity for a day's use. This tank is connected to the injector and also equipped with a steam ejector or syphon with suction hose for filling from a water supply at the side of the track.

The engine is standard Clyde grade using steel gears with machine cut teeth from the solid blank. Ratchet rings on the drums are cast steel. All drums have long bronze bushings and are lubricated with compression grease cups easily accessible. An adjustable friction mechanism is attached to the crank shaft to engage the loading drum for furnishing slack in the load line. This greatly assists the

return of the loading line to the next log.

Both boiler and engine are mounted on a cast bed so that all piping, shafting, and gears are held firmly and perfect alignment of all working parts is assured.

The boiler regularly listed is for 100 pounds working pressure. Boiler for 150 pounds will be furnished if desired. All engines are built for a working pressure of 200 pounds.

This machine may be used for skidding also. For that purpose side guy lines are furnished together with hand ratchet drums for tightening same and guying blocks for attaching to the peak of the boom.

If it is desired to use the machine for a considerable amount of skidding, the engine may be equipped with three drums, using two drums for skidding.

This arrangement provides for operating a skidding line from each side at the same time, using horses for taking out the lines.

This machine is built in several sizes and combinations to suit conditions where intended for use.

There are so many conditions to be met and overcome in different logging operations that the best service can be rendered by a visit to the operation of a Clyde representative. This opportunity is invited so that the company may be sure that the equipment considered is the best size and combination to meet all conditions where intended for use.

