

IMPROVED HARVESTING METHODS

EQUIPMENT SURVEY NOTES

POWERED UNLOADER

A low cost, easily constructed power log unloader for small operators has been observed in the West. This unloader replaces peavies and cant hooks normally used by small operators for unloading and results in substantial reduction in cost and hazard. It provides power equipment of the type long employed by larger operations.

Beyond the ends of the log deck skids, an A-frame is erected allowing room for loaded trucks to pass between it and the skids. A small winch and power unit are mounted at the base of the A-frame with a cable running through a pulley at the top of the frame. Two cables, each of which is anchored several feet back from the end of each deck skid, are also employed. The other ends of the two cables have a loop or eye in them.

When a loaded truck is in place the two cables are passed under the load and hooked to the hoist cables on the A-frame (fig. 1). Truck stakes and binder chains are then released and the cables pulled up by the winch, thus rolling the entire load off the truck to the deck.

This unloader can be built from materials usually on hand, and can be operated by the truck driver without the aid of a helper.

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May 1947

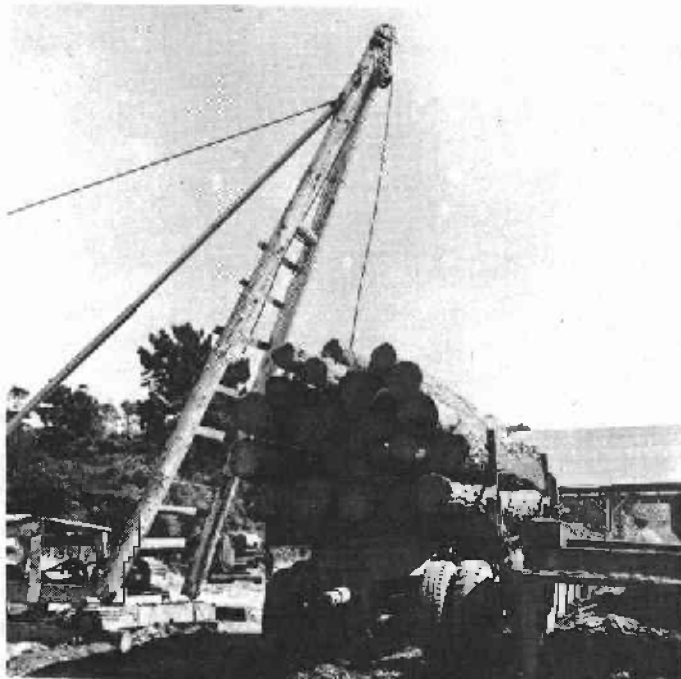


Figure 1
Powered Unloader

Rept. No. R1637-14

† Maintained at Madison, Wisconsin in cooperation with the University of Wisconsin

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