

INFORMATION REVIEWED
AND REAFFIRMED
1960

FOREST PRODUCTS LABORATORY † FOREST SERVICE
U. S. DEPARTMENT OF AGRICULTURE

IMPROVED HARVESTING METHODS

EQUIPMENT SURVEY NOTES

DUMP TRUCKS FOR LOGGING

Trucks with dump beds have been observed hauling forest products in the Lake States and in the West. Standard dump truck hoist mechanisms are used with regular flat truck beds that are hinged at the rear of the truck frame. Trucks with beds extending several feet beyond the truck frame are advantageous in that the back end of the bed is close to the ground when the body is in the raised position.

Where front-mounted winches are used for self-loading, the cable passes from the winch over a roller in front of the radiator, thence to a pulley on an A-frame behind the cab. Having the rear of the truck bed close to or on the ground permits easier loading of logs, bundles of lumber, units of pulpwood, etc. (fig. 1). Addition of a half piece of 8- or 10-inch pipe split longitudinally and fastened across the rear of the bed aids loading and protects the truck bed. Figure 2 shows the unloading of a load of bolts at the mill.

Type of forest product hauled, ruggedness of topography, preference of the operator, and other factors control the type and size of trucks used. Generally, four-wheeled short trucks are satisfactory for only short products.

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May 1947

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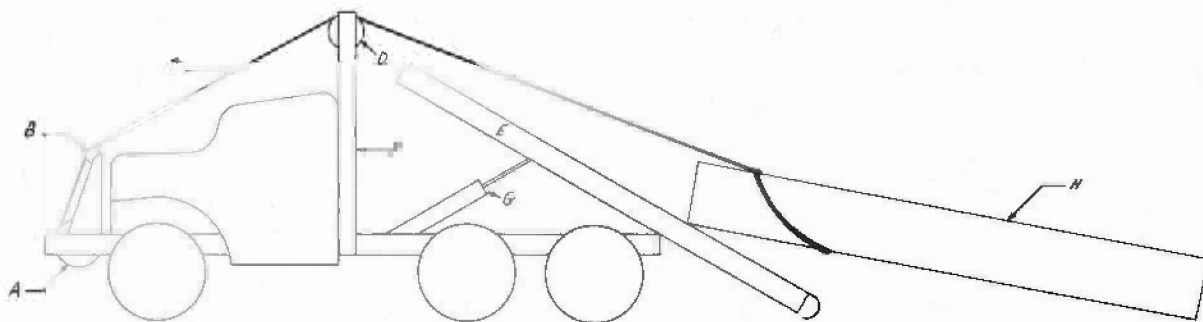


Figure 1.--A. Winch. B. Roller. C. Cable. D. Pulley. E. Truck Bed.
F. A-frame. G. Dump Hoist. H. Log.



Figure 2.--Unloading bolts. Picture furnished by West Coast Lumberman.

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