End loading of self-loading trucks has been observed in the Lake and Central States. This practice was developed by tie operators, but is also used by pulpwood and sawlog operators. Trucks loading from the end have steel frames immediately behind the cab and extending well above it. A block is suspended from the top of the frame to carry the loading cable (fig. 1).

The cable is pulled up by a winch which is driven by the truck motor through a power takeoff. The winch is usually located in front of the radiator or directly behind the cab (figs. 3 and 4). In the former case it is necessary to mount a roller in front of the radiator to carry the cable.

Tie and pulpwood operators haul their bolts cross-wise of the truck bed and use two skids as in cross hauling (fig. 2). Logs hauled lengthwise of the truck bed are skidded up a trough made of two skids (fig. 1). Scattered logs within 100 feet are sometimes skidded and loaded with these trucks.

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Figure 1

Figure 2

A. winch  B. roller  C. cable  D. pulley  E. truck bed  F. A-frame  G. skid  H. log

Figure 3.--Truck with front winch

Figure 4.--Truck with winch behind cab