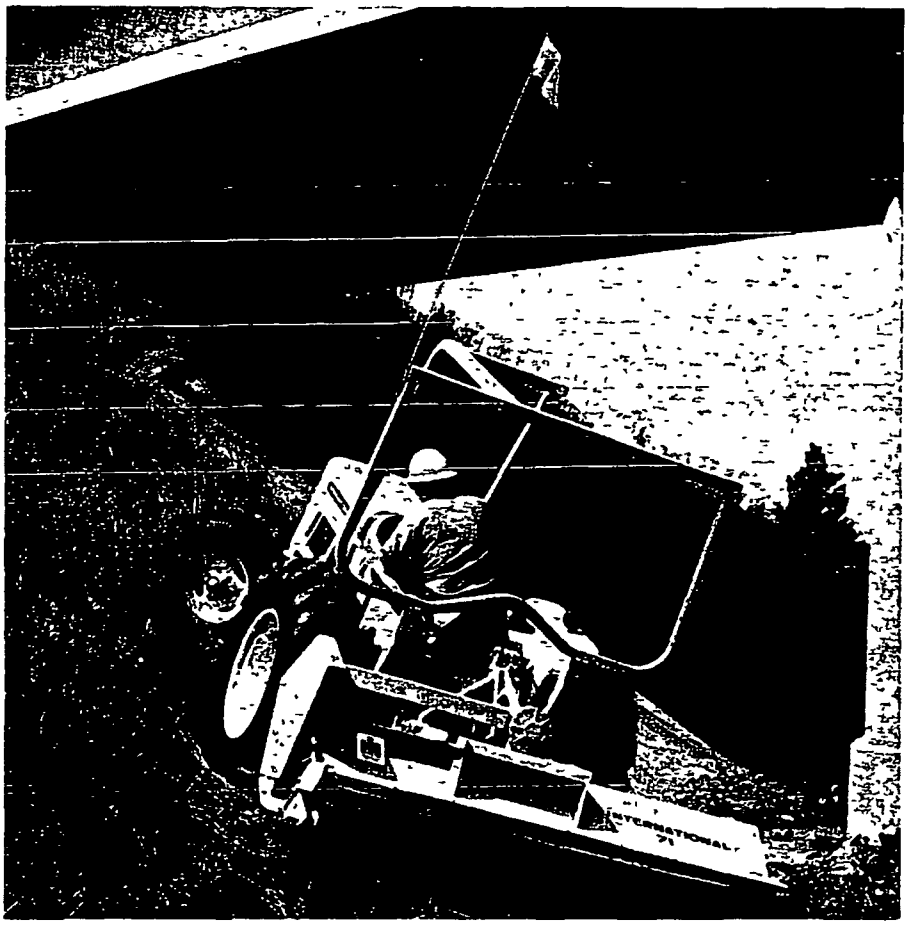


FIG 45–12.—Mowers should have rollover protective structures (ROPS), slow-moving vehicle (SMV) emblem, and an orange flag mounted about 10 feet high

Courtesy International Harvester Co., Chicago, Ill

propelled pneumatic-tired earth movers, water tank trucks, and similar equipment should be equipped with steel canopies and safety belts in order to protect operators from the hazards of rollover (Fig 45–12) Drivers should be trained to wear the safety belt

A canopy and its supports should be designed and made to be able to support not less than two times the weight of the prime mover This calculation is to be based on the ultimate strength of the metal and integrated loading of support members, with the resultant load applied at the point of impact In addition, there should be a vertical clearance of 52 in from the deck to the canopy where the operator enters or leaves the seat

For more details, see NSC Industrial Data Sheet 622, *Tractor Operation and Roll over Protective Structures*

Transportation of workers

Transporting employees to and from work, whether singly or in groups, requires special precautions if serious injuries are to be prevented

When men are transported regularly, at