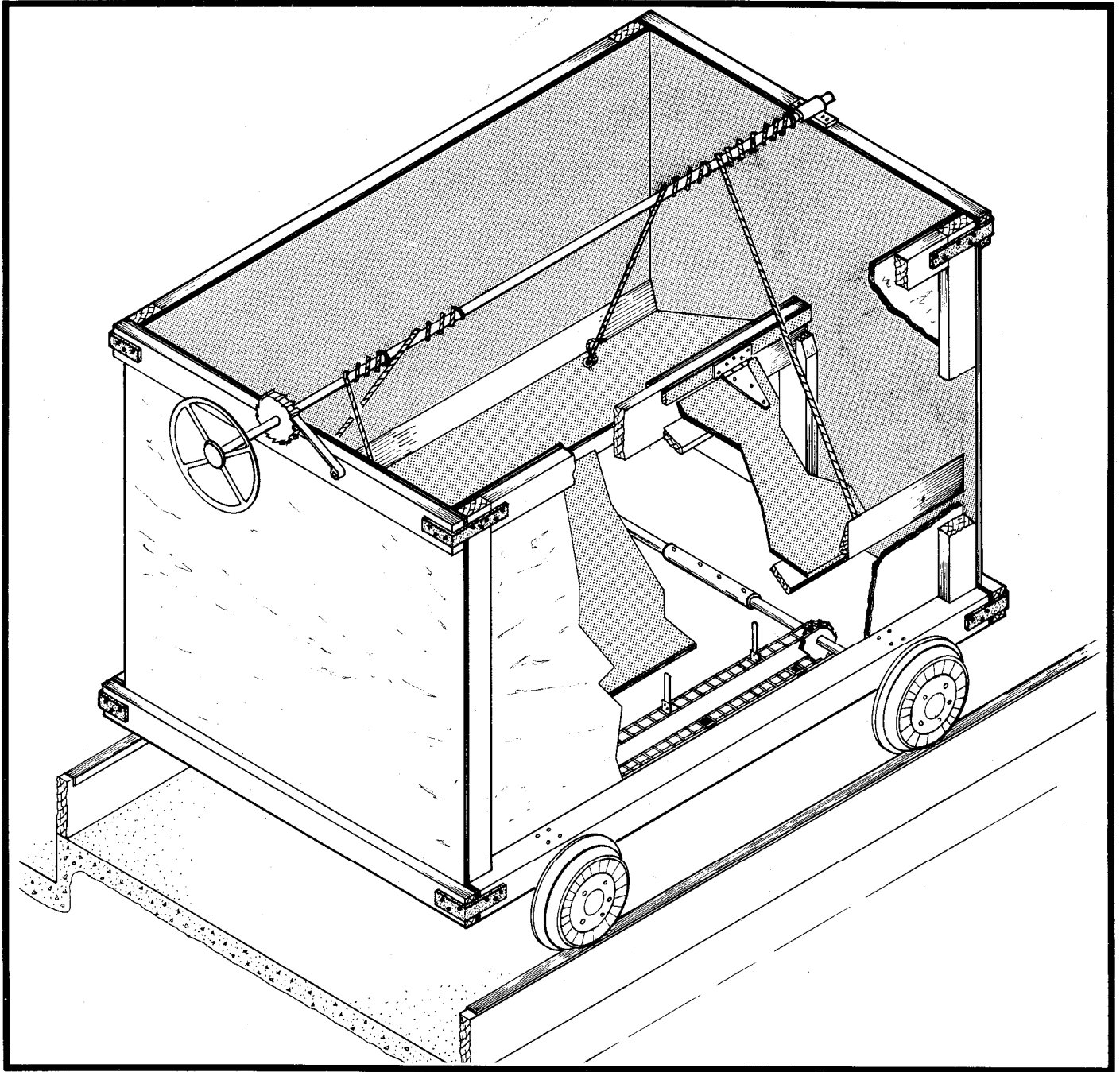


## BUNK FEED CART



The Canada Plan Service prepares detailed plans showing how to construct modern farm buildings, livestock housing systems, storages and equipment for Canadian Agriculture.

This leaflet gives the details for a farm building component or piece of farmstead equipment. To obtain another copy of this leaflet, contact your local provincial agricultural engineer or extension advisor.

## BUNK FEED CART

PLAN M-1622 REVISED 06:05

This plan shows the details for construction of a bottom unloading bunk feed cart with a capacity of approximately 1.7 m<sup>3</sup>, or about 700 kg of loose silage or chopped concentrate ration. The overall box size is 1200 x 1800 x 1200 mm high.

This cart is designed to self-unload silage or other chopped feeds while being moved along a double feed

bunk (such as plan M-1621). As the operator rolls the cart down the bunk, he turns a wheel controlling a pair of hinged bottom doors; the doors open down gradually to spread the feed. A chain agitator driven from the axles helps to regulate the feed and break up lumps.

The loaded cart can be rolled more easily for unloading if the feed bunk slopes slightly downwards from the feed source; the empty cart can be easily pushed back up the slope again. The wheels of the cart are made from automobile rear wheel hubs and brake drums; these wheels roll more smoothly if the side planks of the feed bunk are protected with steel angle.

