

American Road Machinery, Inc.
LEAF LOADER HOPPER - July 2008

GENERAL:

This document describes an all steel hopper that can be mounted into a standard truck dump body. The hopper is designed to collect leaves and other light debris that are picked up by a vacuum leaf machine.

CONSTRUCTION:

The hopper consists of two side panels, a front panel, a rear panel that serves as a door and a top section with screen panels. Main hopper sections are fabricated from 12 gauge steel; front and rear sections are reinforced with 12 gauge steel stiffeners. These sections are then welded together to form an enclosed (open bottom) hopper and the top section is bolted to it. Each side panel has two lifting eyes and the assembled hopper can be lifted into or out of a dump body without the use of spreader bars. The rear door is hinged at the top and can be locked shut with the dump body tailgate latches.

SIZE AND CAPACITY:

Standard hopper dimensions of 72" high, 70" wide, and 96" long, create a total capacity of 9-3/4 cubic yards. The standard 80" wide hopper has a capacity of 11-3/4 cubic yards.

HOPPER COLLAR:

A collar consisting of a steel frame and bolted-on gasket of tough rubber belting is attached to the opening in the hopper door. The gasket can be cut to fit the user's discharge pipe.

AIR EXHAUST:

Air is exhausted through the top panel of the hopper. This panel is bolted to the other main hopper panels, and any or all three of the 8 mesh galvanized screen panels may be removed for service.

WEIGHT:

The 70" wide hopper weighs 1,110 pounds and the 80" wide hopper weighs 1,200 pounds.

OPTIONS

EXTRA SIDE AND TOP PANELS:

By using 18", 24", 36", or 48" extra side panels, the length of the leaf loader hopper can be increased up to a total of 144". Extra top panels are solid (no screens).