



BIN LADDER

Every Quality Conscious Seedsman knows that a Bin Ladder can improve his profits by keeping cleanout percentages (FM) low. But conventional bin ladders have a lot of problems for soybean seed, seed corn, peanuts, kidney and navy beans, feed pellets, and any other fragile, free-flowing industrial or agricultural material.

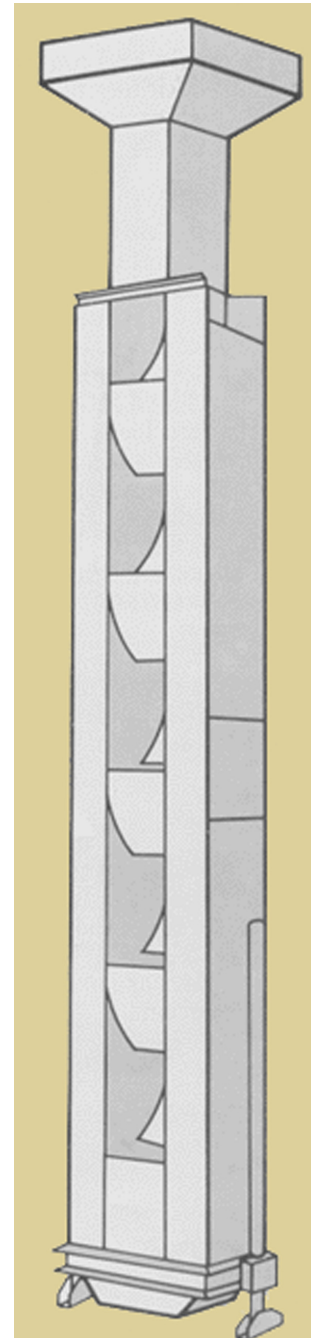
Unlike conventional ladders, the AMOS ladder has air cushion* baffles to minimize breakage of fragile materials beyond what was previously possible. The AMOS ladder is center mounted in a bin, rather than wall mounted like other ladders, so it can fill a bin virtually to capacity without extra equipment. The AMOS ladder has specially engineered ducts* that make the AMOS ladder the only bin ladder that unloads as well as fills a bin. The ducts unload a bin from the top, allowing the removal of stratified layers of moldy product layer by layer.

The AMOS ladder incorporates a flow channelizer to prevent materials being loaded from spilling out the top of the ladder. The AMOS ladder also has a self-cleaning discharge that allows removal of the entire bin load. Another feature of the AMOS ladder is safety. Because the AMOS ladder unloads a bin from the top, and because the discharge ducts are too small to permit entry of a human body, the danger of suffocation in flowing grain or other material is eliminated.

AMOS bin ladders work equally well in solid or perforated floor flat bottom bins, and in hopper bottom bins. AMOS ladders are completely compatible with sweep augers in flat bottom bins.

Since 1977 the AMOS ladder has been fabricated from welded steel and abrasion resistant rubber or polyurethane for years of maintenance free service. Inflow/outflow capacities of the AMOS ladder are up to 30,000 bu/hr. Larger models are available on request. Price of the AMOS ladder is competitive against ladders that do not offer the exclusive AMOS features. We build custom models for many applications including stainless and food grade.

US Patent 4138021



AMOS

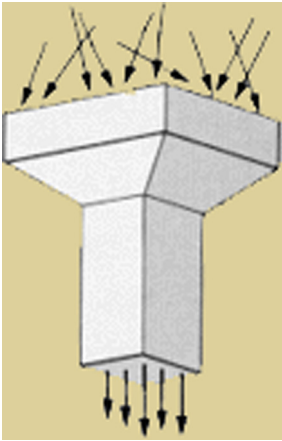
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BIN LADDER PARTS



Hopper & Flow Channelizer

From the time your product enters the AMOS ladder, modern technology and innovative design are working for you. The hopper and flow channelizer collect the product and direct it into the ladder. Product spillage, damage and waste are prevented to keep profits up.

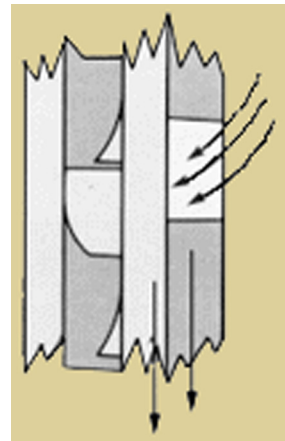


Air Baffle

The baffles on the AMOS ladder are a combination of unique design and highly abrasion resistant rubber, forming a soft air cushion between the rubber pad and the steel baffle. This air cushion acts as a shock absorber to protect your fragile product from damage as it is loaded into the bin.

Discharge Ducts

The AMOS unloading ducts protect your product by unloading the bin from the top, one layer at a time. Stresses created by flowing materials are minimized, allowing the ladder to be center mounted in the bin. The AMOS unloading ducts eliminate the danger of suffocation in an unloading bin because of the top unloading system and the size of the ducts.



Universal Mounting System

The universal mounting system allows the AMOS ladder to be easily mounted in any bin. Adjustable supports make precise fitting to any bin a snap. The universal mounting system provides custom mounting in flat bottom and hopper bottom bins with or without perforated floors or sweep augers.

