

# HTS-55

## Direct Placement Spreader



**Our latest in spreader capabilities!** This speed canceling spreader replaces the traditional spinner to do centerline striping of salt mix. With left and right directional capabilities you always get salt on the high side of the road to mix with the moisture of the storm to prevent bonding to the pavement. Coupled with a ground speed controller this unit spreads material backward at the same rate the truck is going forward to minimize the amount of salt that bounces to unwanted areas of the roadway. With stainless steel and poly components it is built to stand the test of time.



HTS-55 body housing assembly is constructed of non-corrosive 7 ga. 304 stainless steel. It has an 13" x 13 3/4" sq. top opening with a focusing chute to direct the material into the spreader. The impeller is constructed of 10 ga. 304SS material.

The drive system consists of a hydraulic motor directly coupled to the corrosion resistant impeller, which directs material onto the pavement through the bottom opening. The opposite side of the impeller is an 1" stainless steel shaft coupled to and supported by a high speed flange bearing for minimized vibration.

\* An optional deflector is available for broadcast spreading.

Hydraulic requirements of less than 12 gallon per minute allow material discharge at speeds up to 55 m.p.h.

HTS-55 is designed for centerline "striping" of material at equivalent speed of the truck, in order to minimize loss of material from road surface due to 'bounce'. Reducing salt usage up to 50%.

The spinner assembly rotates 45 degrees right and left using a hydraulic cylinder. By directing the spread of material you can always assure proper placement on banked curves and roadway exits.

Unit includes mounting brackets that are adjustable in three axis to get the required 8" mounting height on almost any chassis.

An additional hydraulic actuating cylinder allows the assembly to be lifted up and out of the way to avoid curbs, bumps, railroad tracks, and other un-level areas. When using the dump body, the HTS-55 can be moved to the side and pinned clear from all falling materials



The HTS 55 is a cost saving, material utilizing, attachment that can be used in conjunction with almost any spreader. The unit shown above is directly mounted to a custom cross auger on a combination liquid/granular spreader. For use with a tailgate sander the unit is mounted directly to the truck frame.