

WARREN

AC-1410A

Utility Hopper Spreader for Light Duty Trucks

Spreader for use on light duty trucks to spread abrasive and/or chemicals for ice and dust control.



AC-1410A

The Warren Model AC-1410A Spreader is a completely self contained unit designed for mounting on pick-up, light duty dump and flat trucks. Powered by an air cooled engine with full cab controls.



Utility Hopper Spreader for Light Duty Trucks



Optional AC-1410A-8 S/S 304 Stainless Steel Body and Spinner Assy. with Engine Drive and AC-1420A-8 Hydraulic Drive, 304 Stainless Steel with 3 Yd. Integral Sides.



AC1420A Hydraulic drive, 3-Yard, 304 Stainless Steel Body.

The Warren Model AC-1410A:

is a small hopper type spreader design for mounting on light duty trucks. It will spread abrasives and/or chemicals for ice and dust control. Driver controls spreader operation from the cab.

Body Construction:

All electrically welded ASTM A570 A-45 Hi-Tensile 12 ga steel hopper has integral sides and sills with sides extended full length of spreader. Top edge of sides and ends are inverted "J" formed for hopper rigidity yet for easy maintenance. Sides are set at 45° to provide easy material flow and bottom panel is reinforced. Cross sills are 3/8" x 1 1/2" flat and sides are fully supported with a center of gravity lift point. 4 tie down mounting assemblies are provided. Lever operated hinged feedgate control. Standard paint is Omaha Orange.

Conveyor:

Overall width 14"—conveying width 10" with a 6" x 10" maximum feedgate opening. All steel heat treated pintle type conveyor chain with 3/8" x 3/4" cross bars on 5" centers. Flame cut steel drive and idler sprockets integrally mounted to cold roll shafting. Screw type idler adjustment with self aligning bearings for proper conveyor belt tension. 20:1 reduction conveyor gearbox flange mounted to body sill with 1 1/4" dia. drive shaft. A 4:1 reduction roller chain drive from engine to gearbox provides an overall reduction of 80:1.

Distributor Spinner Assembly:

A single 14" dia. spinner with 3 integral formed fins and hub. Fully enclosed 12 ga steel chute assembly with internal baffle for material flow control to spinner. 4 rod adjustable exterior baffles on all sides of spinner. Spinner driven by roller chain drive from conveyor gearbox input shaft. Spinner shaft horizontally adjustable and mounted in 2 sealed pillow block type ball bearings.

Power Drive:

Auxiliary engine drive - air cooled vertical crankshaft, IC. 12 1/2 hp @ 3600 RPM engine - 1 cyl., 4 cycle with electric/starter/alternator, governor, oil foam air cleaner, electric clutch, battery mount inside engine hood (less battery). Cab controls with ignition switch and electric throttle control. All control wires have breakaway connector and screw connector for throttle cable. Hinged engine hood integral with body side sheet.

OPTIONAL ATTACHMENTS:

Hopper Screens, Inverted "V" Shield, Side Extensions, Hydraulic Drive, Warning Light , Stainless Steel Type 304, Spinner Extensions.

SPECIFICATIONS:

Hopper Length	Spreader Width	Spreader Height	Spreader O.A. Length	Capacity Struck Cu. Yds.	Capacity Rounded Cu. Yds.	Shipping Weight
8'	50"	32 1/2"	9'-6"	1.8	2.1	855

