

WARREN

E/AC-2420A

Heavy Duty Hydraulic "Package" Spreader

All hydraulic powered hopper type abrasive and/or chemical spreader for seal coating, ice and dust control.



Tilt up spinner assembly



6:1 reduction gearbox

The Warren Model E/AC-2420A Spreader is designed to meet all Heavy Duty Spreader requirements. It can be chassis or dump body mounted with a selection of hydraulic pump power sources. Its unique uni-hopper construction eliminates many corrosion pockets for longer spreader life. Heavy duty hydraulic components are mated to a heavy gauge ASTM-A570-A45 High Tensile Steel hopper body for longer equipment life.

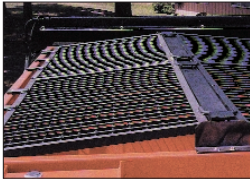
Features & Benefits of Warren E/AC-2420A Package Spreaders

- ASTM-A570-A45 High Tensile steel hopper body for longer equipment life.
- Heavy duty 6:1 reduction spur type gearbox. Low speed, high torque hydraulic motor directly coupled to gearbox.
- Eight tooth sprocket mounted to 2" drive shaft.
- One piece side/sill that resists corrosion pockets.
- 18" spinner with six replaceable fins mounted directly to motor.
- Three externally adjustable and two internally adjustable baffles.
- Tilt up spinner assembly for convenient storage.
- Integral chain shields formed into side sheet.



"Spread the Word"

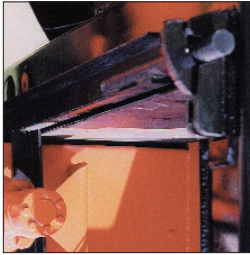
E/AC-2420A Design Features



Optional Hopper Screens



Optional 18 HP Auxiliary Engine Drive



Optional tailgate latch

The Warren Model E/AC-2420A is a hopper type spreader designed for hard use at a modest investment. It will spread abrasives and/or chemicals for ice or dust control and abrasives for seal coating.

Body Construction: All electric welded uni-hopper—ASTM-A570-A45 high tensile steel sides/sills formed from one steel sheet so there are no seams in spreader sides to cause corrosion pockets. Chain shields are formed into side/sill providing additional longitudinal rigidity and protects chain from material in hopper. Top edge of sides and ends are inverted “J” formed for improved hopper strength and ease of maintenance. Full slope ASTM-A570-A45 high tensile steel side supports are located at each ½" x 2" steel bar cross sill and hold sides at a 45° angle. Both ends are tapered-in for better material seal and reduced conveyor load. ⅜" ASTM-A570-A45 high tensile steel conveyor bottom of flanged edge design has rear belt type bar wiper.

Conveyor: Overall width 24"—conveying width 18" with a 12" x 18" maximum feedgate opening. All steel heat treated pintle type conveyor chain with ⅝" x 1¼" cross bars welded to every other link. Eight tooth steel sprockets mounted to 1½" dia. idler and 2" dia. drive shaft. 4" chain idler adjustment with anti-friction bearings. Belt type sprocket sealers, hand crank type feedgate control.

Conveyor Drive: Heavy duty 6:1 reduction worm type gearbox with 2" dia. drive shaft, mounted in two 4 bolt flange type sealed ball bearings. Gearbox housing of aluminum alloy with single "bolt" torque bracket mount for easy cleaning and maintenance. All bearings anti-friction type sealed running in oil. Flange type four bolt mounting. Low speed high torque hydraulic motor directly coupled to gear box.

Distributor Spinner Assembly: A single 18" dia. spinner with 6 replaceable formed fins is directly mounted to the low speed high torque hydraulic motor shaft. Enclosed hopper designed for either dump body or chassis mount. All 10 ga. steel with one fixed and 3 rod adjustable external baffles and 2 adjustable internal baffles.

Mounting Kit & Accessories: Either dump body or chassis mounting kits supplied as standard. Operation and Maintenance Manual. Standard finish is Omaha Orange. (Hydraulic components and other desired equipment may be selected from optional attachments.

Optional Attachments:

- Hydraulic Control Valve—Dual pressure compensated w/built in relief valve set @ 1500 psi
- Hydraulic hose and fitting kits for truck and spreader
- Hydraulic reservoir and filter
- Hydraulic quick disconnect couplings
- Hydraulic Pump—thru-shaft type for PTO
- Hydraulic Pump—with electric clutch for V-belt drive
- Hydraulic Pump—with 18 HP auxiliary engine drive Electric Engine Throttle
- Inverted “V” shield over conveyor
- Screens over hopper—hinged with 2½" x 2 ½" opening
- Clearance Lights and Reflectors, Warning Light 7" dia.
- Catwalks—bolt on, 96" O.A. width
- “Bolt-in” replaceable conveyor bottom
- Ladder—rear or side mounted
- Mud Flaps
- Side extensions for additional capacity
- Bumper (Channel type)
- Special paint and/or colors
- Special optional attachments and/or modifications to standard unit to meet individual customers specifications or requirements
- Stainless Steel Type 304
- Chain Oiler
- Vertically Adjustable Spinner Assembly
- Polyurethane Spinner
- Tailgate Latch Bar
- Stop, Tail and Turn Lights
- Extended Idler Grease Fittings
- Spring Loaded Idler
- Keyed Sprockets

Specifications:

Inside Hopper Length	8'	9'	10'	11'	12'	13'	14'	15'
Cap. - Struck - Cu. Yds.	5.0	5.6	6.3	6.9	7.6	8.2	8.9	9.6
Cap. - Rounded- Cu. Yds.	6.0	6.7	7.4	8.0	8.8	9.5	10.3	11.1
Spreader Weight - lb. Basic Unit	1726	1866	1966	2106	2206	2346	2450	2590

Spreader height above mounting surface—52"
Spreader inside width—82"

