

WARREN

AC-2420A

Heavy Duty Hydraulic "Custom" Spreader

Heavy duty all hydraulically powered abrasive and/or chemical spreader for ice control, dust control, and seal coating.



The Warren Model AC-2420A can be either dump body or truck chassis mounted with a choice of either truck or auxiliary engine power. Heavy duty hydraulic components are mated to a heavy gauge ASTM-A1011-A45 high tensile steel hopper body (standard) for longer equipment life.

Features & Benefits

- ASTM A1011 A-45 High Tensile Steel
- Heavy duty 6:1 reduction spur type gearbox
- Eight tooth sprocket mounted to 2" drive shaft
- Tilt-up spinner assembly for convenient storage
- 22" spinner with six replaceable fins mounted directly to motor
- Standard vertically adjustable spinner assembly to fit different vehicles
- Replaceable bolt-in chain shields in corrosion susceptible area
- Heavy 3/16" x 1-1/2" x 3" tube cross sills



www.dumptrucks.com
www.spreaders.com

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Series AC-2420A Specifications



The Warren Model AC-2420A is a heavy duty hydraulically powered spreader designed to spread abrasives, chemicals, or mixtures of both for ice control, dust control, and abrasives for seal coating. Ideal for the operator looking for a long life economical unit rather than initial cost.

Body Construction: All electrically welded in jigs and fixtures for accurate fit and alignment. ASTM-A1011-A45 high tensile steel sides continuously welded to 3/16" high tensile steel sills which have integrally formed full length conveyor chain shields supports. Sides and 10 ga. Steel end gates have inverted "J" formed top edge for extra strength and stiffness without corrosion pockets. High tensile steel side supports sloped at 45 degree angle tied to each 3/16" x 1-1/2" x 3" tubular cross sills. "Tapered-in" front and rear end gates for better material seal and reduced power requirement. 3/16" steel conveyor bottom panel with rear belt wiper. Four corner brace lifting eyes.

Conveyor: Overall width 24" -- conveying width 18" with a 12" x 18" maximum feedgate opening. All steel heat treated pintle type conveyor chain with 7/16" hardened pins and 2 1/4" pitch. 3/8" x 1-1/4" cross bars are welded to every other link. Eight tooth steel sprockets mounted to 1-1/2" diameter idler shaft and 2" diameter drive shaft. 4" chain idler adjustment with anti-friction bearings. Rear belt type sprocket sealers and "bolt-in" conveyor chain shields. Hand crank type feedgate control.

Conveyor Drive: Heavy duty 6:1 reduction spur gearbox with 2" diameter drive shaft mounted in two four bolt flange type sealed ball bearings. Gearbox housing of aluminum alloy with single "bolt" torque bracket mount for easy cleaning and maintenance. Low speed high torque hydraulic motor is integrally mounted to conveyor gearbox.

Distributor Spinner Assembly: A single 22" diameter spinner with six formed replaceable fins is mounted to 1-1/4" diameter spinner shaft in exterior mounted sealed ball bearing and driven by overhead mounted high torque low speed hydraulic motor. ASTM-A1011-A45 steel enclosed vertically adjustable hopper assembly with four rod adjustable external baffles and two adjustable internal chute baffles.

Specifications:

Inside Hopper Length	8'	9'	10'	11'	12'	13'	14'	15'	16'
Capacity (struck cu. Yds.)	5.0	5.6	6.2	6.8	7.5	8.1	8.7	9.3	10.0
Capacity (rounded cu. Yds.)	6.0	6.6	7.3	8.0	8.7	9.4	10.2	10.8	11.6
Weight (lbs.)	1900	2040	2150	2290	2535	2695	2845	3095	3295

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