

WARREN

LF-2420A

All Hydraulic Heavy Duty Spreader

All hydraulic powered heavy duty spreader for spreading dry chemical fertilizer, AG lime, gypsum and other free flowing material. The Warren Model LF-2420A Spreader incorporates a simple hydraulic power system with a heavy gauge prime steel hopper body for profitable long life operation.



LF-2420A

LF-2420A with
optional 304B
Stainless Steel hopper



LF-2420A Design Features

The Warren Model LF-2420A:

is an all hydraulic powered bulk material spreader to spread dry chemical fertilizer, AG lime, gypsum and other free flowing material. Designed for ease of operation and maintenance, this unit eliminates many troublesome components found in mechanically powered models.

Body Construction:

All electrically welded in jigs and fixtures for accurate fit and alignment. 10 ga. steel sides continuously welded to $\frac{3}{16}$ " (7 ga.) 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. Full slope 10 ga. side supports at each $\frac{1}{4}$ " formed hat section type cross sill hold sides at a 45° angle. Tapered front and rear for better material seal and reduced power requirement. $\frac{3}{16}$ " (7 ga.) steel conveyor bottom with rear wiper belt. "Bolt-on" 12 ga. skid resistant surface catwalks and formed rod type rope hooks.

Conveyor:

Overall width 24"—conveying width 18" with a 12" x 18" maximum feedgate opening. All steel heat treated pintle conveyor chain strands have $\frac{3}{16}$ " riveted pins and 2¼" pitch. $\frac{3}{8}$ " x 1¼" cross bars are 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. Rear belt type sprocket sealers and "bolt-on" conveyor chain shields. Hand crank type feedgate and flow divider controls.

Conveyor Drive:

Heavy duty 6:1 reduction spur 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. Low speed high torque heavy gear type hydraulic pump, driven by truck PTO powers conveyor in series with the hydraulic spinners. A two speed selector valve with electric "off-on" provides low and high speed conveyor operation from truck cab. Correct PTO speed is critical to proper operation.

Distributor Spinner Assembly:

Two 24" dia. dished spinners are driven by heavy duty gear type hydraulic motors having 1¼" shafts with double tapered roller bearings. Adjustable spinner speed. Adjustable material flow divider for spread pattern adjustment. Three specially formed adjustable replaceable fins on each spinner. Protective spinner guard.

Accessories:

Body side mounted hydraulic oil reservoir with replaceable cartridge type filter. Adjustable relief valve set at 2500 psi. Clearance lights and reflectors. Mud flaps. Standard finish is Warren White over industrial primer.

OPTIONS

- Automatic Ground Speed Coordinated Control for accurate fertilizer application
- #3 Chain Conveyor for lower application rates
- Tarps
- #4 Belt over chain conveyor for lowest application rates
- #6 Stainless Steel Mesh Chain Conveyor with S.S. Bottom panel for "freeze-up" free operation
- Special paint and/or colors
- Stainless Steel Hopper Components

SPECIFICATIONS:

Spreader Length*	Overall Length*	Frame	Cab to Axle	Capacity cu. ft. (cu. yds.)	Weight lbs.
10'	132"	112"	84"	202 (7.5)	2620
11'	144"	124"	84"	222 (8.2)	2725
12'	156"	136"	102"	242 (9.0)	2920
13'	168"	148"	108"	262 (9.7)	3025
14'	180"	160"	120"	282 (10.4)	3130
15'	192"	172"	120"	302 (11.2)	3235
16'	204"	184"	132"	322 (11.9)	3340

*NOTE: Spreader Length and Overall Length measured from inside hopper.