

WARREN

LF-3020A

High Capacity Heavy Duty Spreader

High capacity, heavy duty spreader for handling high application rate material such as ag lime, gypsum, steer manure, chicken litter and other free flowing materials.



LF-3020A

The Warren Model LF 3020A combine a heavy gauge steel hopper body with a heavy duty hydraulic drive and a wide conveyor for economical high capacity performance.



LF-3020A Design Features

The Warren Model LF-3020A:

is a heavy duty high capacity hopper type spreader for spreading materials at high application rates.

Body Construction:

All electrically welded in bed type jigs and fixtures for accurate fit and alignment. 10 ga. steel sides continuously welded to $\frac{3}{8}$ " (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-in" front and rear end gates for better material seal and reduced power requirement. $\frac{3}{8}$ " (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 30"—conveying width 24" with a 12" x 24" maximum feedgate opening. All steel heat treated pintle conveyor chain strands. $\frac{3}{8}$ " x 1 $\frac{1}{4}$ " cross bars are welded to every other link. Eight tooth steel sprockets mounted to 1 $\frac{1}{2}$ " 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 control.

Conveyor Drive:

LF 3020A - Hydraulic—has a 6:1 reduction spur gearbox with direct mounted orbital type hydraulic motors powered by a heavy duty gear type hydraulic pump which is driven by truck PTO, "in-cab" electric "off-on" with two-speed selector for hi and low conveyor speed.

Distributor Spinner Assembly:

Two 24" dia. dished spinners have three formed adjustable replaceable fins each with adjustable angle; adjustable material flow divider; heavy duty frame; and a spinner guard— LF 3020A has two heavy duty gear type hydraulic motors to power spinners, 1 $\frac{1}{4}$ " shafts with double tapered roller bearings permits direct spinner mounting; spinner speed control valve at front of spreader for convenient speed adjustment.

Accessories:

Clearance lights and reflectors. Mud flaps. Standard finish is Warren White over industrial primer. Hydraulic Oil Reservoir replaceable cartridge filter; adjustable relief valve set sat 2500 psi.

OPTIONAL ATTACHMENTS:

- Nylon Neoprene Formed Fitted Tarp
- #3 Chain Conveyor for lower application rates
- #4 Belt over chain conveyor for lowest application rates
- Special paint and/or colors
- Stainless Steel Hopper Components
- 60 degree side slope for better material flow

SPECIFICATIONS:

Spreader Length (SL)	SL (inches)	Frame	Cab to Axle	Capacity cu. yds.	Weight lbs.
10'	120"	112"	84"	8.2	2670
11'	132"	124"	84"	9.1	2780
12'	144"	136"	102"	9.9	2890
13'	156"	148"	108"	10.7	3050
14'	168"	160"	120"	11.5	3160
15'	180"	172"	120"	12.3	3320
16'	192"	184"	132"	13.2	3430