New Holland High-Capacity Box Spreaders

M2080 M2090



Big capacity and spreading efficiency

Durable M2080 and M2090 box spreaders give you precise control and a uniform spread.

New Holland adds two high-capacity models to its best-selling box spreader line up—the new M2080 and M2090. They spread manure evenly across your fields, and they do it economically—important factors when you consider the rising cost of fertilizer and increased environmental standards.

Fewer trips

With heaped capacity of 524 and 628 cubic feet respectively, the M2080 and M2090 box spreaders haul away huge amounts of manure in a hurry, so you make fewer trips to the field.

Strong construction

New Holland box spreaders are known for their dependability and long life, and the M2080 and M2090 fit right into the family. The hitch is an integral part of the heavy-duty, channel-iron frame that extends under the box of the spreader.



The box itself consists of a solid poly floor with sides, front and endgate made of poly-bonded plywood. Not only are these materials corrosion resistant to last a long time in harsh conditions, they are smooth and slippery so heavy loads can be moved to the back of the spreader with less torque. The standard galvanized steel side flares and front splash guard ensure nothing is lost in transport. The high-strength tandem walking beam axles provide a smoother ride and feature generous axle pivots—four inches for the M2080 and 4.5 inches on the M2090—for added durability.

Consistent flow

The reliable double apron system uses heavy T-Bar chains that stand up to heavy loads of dense, packed material. And, New Holland uses special steel alloy idler slides for the apron chains at the front of the spreader so you won't have to endure the frustration of an apron chain jumping off the idler sprocket.

Smooth, variable speed control

You can hydraulically adjust the speed of the apron chains independently of the PTO-driven beaters using the electronic control in the cab. Two tractor rear remote valves are required—one to provide flow to the hydraulic motor that powers the double apron chains and the second to open and close the rear endgate.





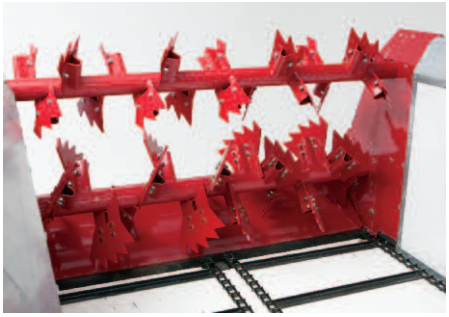


No-hassle maneuvering and hookup

A constant velocity (CV) joint supplies power through the durable Category IV PTO shaft for efficient, quiet operation and less wear on the universal joints. Sharp turns are no problem since the CV joint is rated to operate at angles up to 80 degrees. The 1000-rpm, 21-spline, 1-3/8-inch PTO driveline (a 540 rpm PTO is optional–M2080 only) is shear-bolt protected and allows sixty degrees of free rotation for easy hook-up to your tractor.

Even spread pattern

The New Holland M2080 and M2090 use an upper and lower beater to ensure that large pieces are broken up for more even spreading. Eighteen replaceable beater paddles are constructed of high-strength steel that's a full 1/2-inch thick for the lower beater paddles and 1/4-inch thick for the upper paddles. The beater paddles are bolted to the beater shafts and their symmetrical, rooster-comb design delivers knife–like cutting and shredding action and creates a wide, fine spreading pattern.





M2080 and M2090 Box Spreader Specifications

MODEL	M2080	M2090
Capacities		
Heaped, cu. ft. (m^3)	524 (14.8)	628 (17.8)
Struck level, cu. ft. (m^3)	353 (10.0)	479 (13.6)
Capacity - old rating, bu.	560	660
Maximum net load, lbs. (kg)	23,860 (10,860)	38,400 (17,418)
Dimensions		
Inside width of bed, in. (cm)	80 (203)	80 (203)
Top of flair width, in. (cm)	89 1/2 (227)	89 1/2 (227)
Overall width, in. (cm)	130 (330)	130 (330)
Inside bed depth, top of flair, in. (cm)	36 (91)	49 (124)
Inside bed length, ft. in. (m)	14' 7" (4.45)	14' 7" (4.45)
Overall length, ft. in. (m)	26' 10" (8.17)	26' 10" (8.17)
Loading height, in. (cm)	63 1/2 (161)	78 3/4 (211)
Overall height, in. (cm)	78 (198)	83 (211)
Number of paddles	18	18
Web drive	Hydraulic	Hydraulic
Spreader empty weight, lbs. (kg)	8140 (3692)	9600 (4354)
Frame Construction		
Undercarriage, in. (mm)	7 (178) channel iron extending past walking beam pivot	
Tongue	Long, box channel to facilitate tighter turns	
Box, in. (mm)	Welded, ladder construction w/full-length 7 (178) channel iron runners front-to-rear and 3 (76) channel iron cross members	
Side supports	Vertical side support U-channels welded directly to the box frame	
Box Construction		
Floor, in. (mm)	Solid 1/2 (13) poly	
Sides, in. (mm)	3/4 (19) fiberglass reinforced plywood	
Side flares	Culvert grade galvanized steel	
Tires and Axles		
Hubs, lbs. (kg)	8 bolt, 8,000 (3629) capacity	10 bolt, 12,000 (5443) capacity
Walking beam axle pivots, in. (mm)	4 (102)	4.5 (114)
Tires	425 x 22.5 used truck tires	425 x 22.5 used truck tires
Rims, in. (cm)	22.5 (57.2)	22.5 (57.2)
Lighting	Transport lights including: brake, turn and tail lights	
Tractor Requirements*		
PTO speed, rpm	1000 standard, 540 optional	1000 standard
Minimum tractor power, hp (kw)	150 (112)	170 (127)
Minimum tractor weight, lbs. (kg)	21,333 (9677)	32,000 (14515)
Required hydraulic flow, gpm (lpm)	15 (56.8)	15 (56.8)
Maximum transport speed, mph (kph)	20 (32)	20 (32)
Electrical	Std 7-pin connector	Std 7-pin connector

*Fully loaded weight of the spreader should not exceed 1.5 times the weight of the towing tractor. For hilly land, high-speed road travel, or other adverse conditions, the tractor weight should be equal to the gross spreader weight





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THINK SAFETY

Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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