

Apron Box Manure Spreaders

# EasySpread®

1219 / 1224 / 1230



KNIGHT

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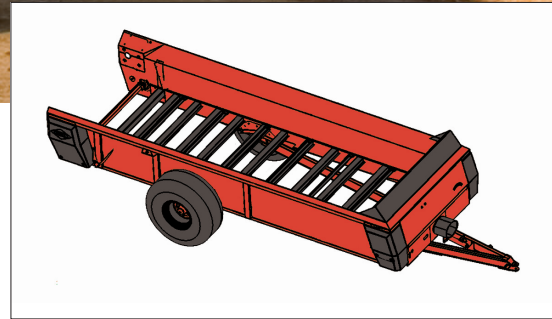


Invest in Quality®

1200 Series EasySpread®

## SIMPLE DESIGN, DEPENDABLE SERVICE

The EasySpread® box spreaders are designed to haul and spread solid materials from small dairies and stables, including gutter manure, yard scrapings and bedding pack. These spreaders are built with quality components yet are economical to meet the needs of the smaller livestock producer. The EasySpread box spreaders feature an all-steel welded box construction, one-piece poly floor, single T-bar apron chain, mechanical V-belt drive and a rooster comb beater. The EasySpread box spreaders have a clean, streamlined design that sets the standard for small-capacity box spreaders.



## BUILT TO LAST

The all-steel welded construction provides a solid framework and includes a reinforced tongue that pulls directly from the full-width axle.

The solid weld-in tongue and axle means the spreader is stronger and more dependable because the unit is pulled from the axle rather than the front of the box like some competitive spreaders.

All units were designed with a low overall height for easy loading capability under barn cleaners and for use by small skid loaders.

The rooster-comb beater creates a uniform spread pattern and replaceable paddles provide easier service.



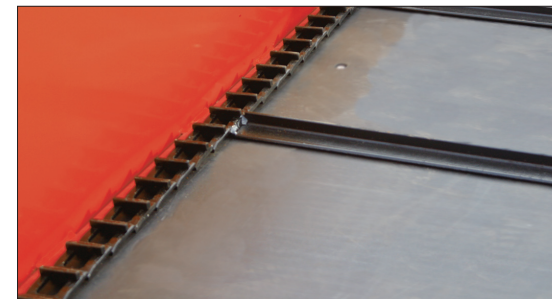
### MECHANICAL V-BELT DRIVE\*

The V-belt drive design is simple and easy to maintain. The pulleys and belts are accessible for routine maintenance through the hinged front door.



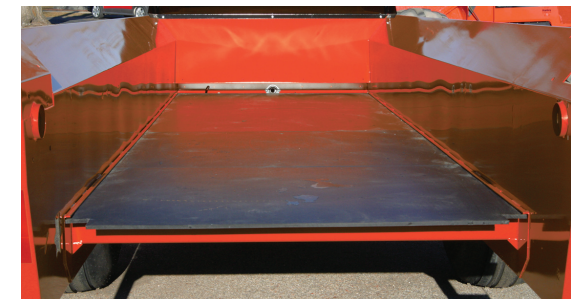
### MULTI-SPEED APRON GEARBOX\*

The multi-speed apron gearbox provides low, high, and cleanout speeds for flexibility based on material type and application rate.



### T-BAR OR T-ROD CHAIN AND SLAT APRON

Single apron slats provide simple, low-cost dependability. The T-Bar and T-Rod chains are durable and easier to service compared to a pintle chain.

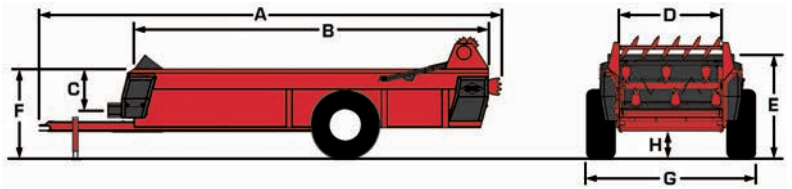


### ONE-PIECE, POLY FLOOR

The poly floor provides more strength and durability than individual tongue and groove boards. It reduces friction, resulting in lower horsepower requirements than alternative types of floors.

*Note: The 1219 is equipped with a polylaminate floor.*

*\*To better illustrate certain details of the machinery, some safety devices may have been removed. Do not operate without all shields in place.*



## Model Specifications

	1219	1224	1230
<b>DIMENSIONS</b>			
A – Overall Length	234"	234"	270"
B – Inside Box Length	156"	156"	192"
C – Inside Box Depth	22"	24"	24"
D – Inside Box Width	48"	60"	60"
E – Overall Height <sup>1</sup> (Single/Tandem)			
– Tire Option Used	14L X 16.1 / –	16.5L X 16.1 / 12.5L X 15	16.5L X 16.1 / 12.5L X 15
– With Upper Beater	–	71" / 66"	71" / 66"
– With Splash Guard	55" / –	59" / 54"	59" / 54"
– With Hydraulic End Gate	51" / –	54" / 50"	54" / 50"
F – Loading Height <sup>1</sup> (Single/Tandem)	48" / –	52" / 47"	52" / 47"
G – Overall Tread Width <sup>1</sup> (Single/Tandem)	81" / –	100" / 97"	100" / 97"
H – Ground Clearance <sup>1</sup> (Single/Tandem)	15" / –	15" / 11"	15" / 11"
<b>SPECIFICATIONS</b>			
Unit Weight <sup>2</sup> (Single/Tandem)	2,450 lbs / –	2,750 lbs / 3,000 lbs	3,300 lbs / 3,575 lbs
Maximum Net Load	8,505 lbs	10,800 lbs	13,275 lbs
Capacity			
– Stuck Level <sup>3</sup>	102 cu.ft	136 cu.ft	167 cu.ft
– Heaped <sup>3</sup>	189 cu.ft	240 cu.ft	295 cu.ft
<b>Beaters</b>			
– Number Standard	1	1	1
– Number of Paddles Per Beater	8	10	10
– Diameter (Lower/Upper)	26" / Optional 14"	26" / Optional 14"	26" / Optional 14"
– Lower Beater RPM	350 RPM	350 RPM	350 RPM
– Bolt-on Paddles	Yes	Yes	Yes
<b>Beater PTO Drive</b>			
– PTO RPM	540 RPM	540 RPM	540 RPM
– Roller Chain (Main/Upper)	60 / 50	80 / 50	80 / 50
– Side Shaft Diameter	1 ¼"	1 ¼"	1 ¼"
Drive Belt Type	B	C	C
<b>Apron</b>			
– Number	1	1	1
– Shaft Diameter	1 ½"	1 ½"	1 ½"
– Sprockets	6-Tooth	6-Tooth	6-Tooth
– Chain	T-Bar or T-Rod	T-Bar or T-Rod	T-Bar or T-Rod
– Slat Size	1.0 X 2.0	1.0 X 2.0	1.0 X 2.0
– Slats Per Apron	13	13	16
– Speed Selection	Slow / Fast / Cleanout	Slow / Fast / Cleanout	Slow / Fast / Cleanout
– Chain Drive	60	80	80
– Gearbox	2-Speed	2-Speed	2-Speed
<b>Box Construction</b>			
– Front Panels and Sides	12 GA	12 GA	12 GA
– Floor	½" Poly laminate	½" Poly	½" Poly
– Trailer Axle	Single	Single or Tandem	Single or Tandem
– Spindle Diameter (Single/Tandem)	2 ½" / –	2 ½" / 2 ½"	2 ½" / 2 ½"
– Hubs	8-Bolt	8-Bolt	8-Bolt
– Tongue Weight - % of Gross Weight	13%	13%	13%
Tractor Requirement – PTO HP <sup>4</sup>	45 hp	65 hp	75 hp

<sup>1</sup> Heights and widths based on tire size listed. <sup>2</sup> Units equipped without options. <sup>3</sup> Capacities determined by ASAE Standard S324.1. <sup>4</sup> Horsepower requirement may vary with different materials. Consult operator's manual for proper tractor sizing.

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