

Side-Discharge Manure Spreaders

PROTWIN® SLINGER®

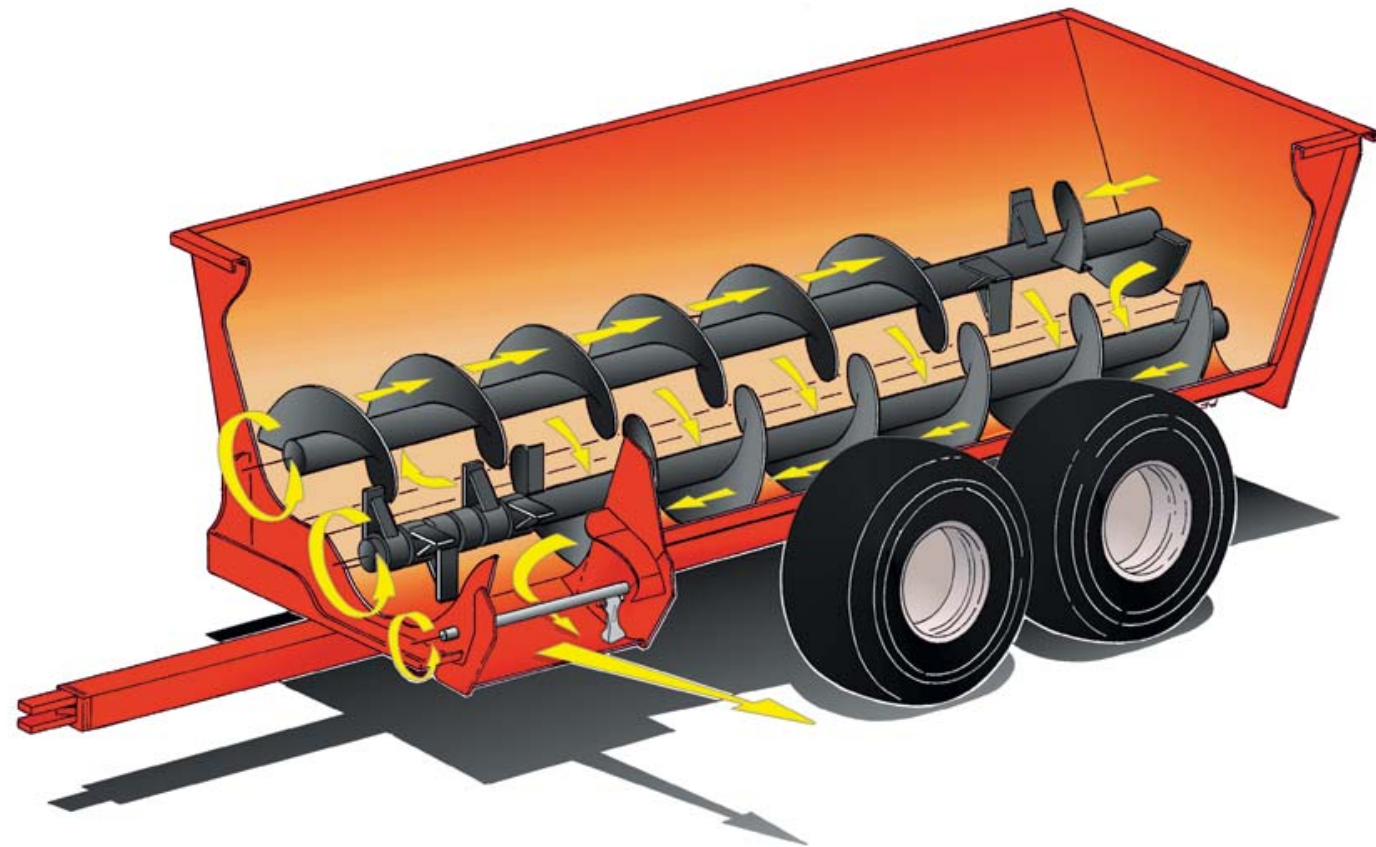
8100 Series



www.KuhnNorthAmerica.com



Invest in Quality®



LOADED WITH FEATURES, BUILT TO LAST

8100 Series ProTwin® Slinger®

GET THE PROTWIN ADVANTAGE

The ProTwin Slinger features the unique twin-auger design that provides an even and consistent material flow to the discharge. The left auger moves the material forward to the hammer discharge and the raised right auger moves the material rearward, while keeping the left auger charged. When material enters the hammer discharge, each hammer swings down into the material, peeling it off, pulverizing it, and slinging it underhand into an even and controlled spread pattern.

This special design keeps the load level and helps eliminate bridging and packing. It also makes the ProTwin effective in spreading the widest variety of materials including gutter manure, slurry, pen pack and yard scrapings, as well as most industrial wastes.

The versatility of the ProTwin Slinger should not be underestimated. Its unique design handles such a wide variety of materials that a box spreader could be eliminated from your equipment needs.

FORGED-STEEL HAMMERS

- Universal hammers eliminate the need for separate left, right, or center hammers and improve the spread pattern, especially when spreading pen pack.
- The entire hammer is through-hardened to reduce wear, which increases the life of the hammer.



HAMMER DISCHARGE

- The discharge design includes forged-steel, free-swinging hammers that fold back to absorb shock from most foreign objects.
- The adjustable shroud allows easy hammer-clearance setting to maintain a superior spread pattern.



BODY DESIGN

The steep-angle sides and unique load-leveling action helps eliminate material bridging and the need for plastic liners or moveable augers. This unique design also helps eliminate excessive forward movement of material, even during startup, closed-door turns and fine spreading. The heavy-duty steel body is backed by a seven-year rust-through warranty. The continuously welded hopper seams help eliminate leakage and add strength.

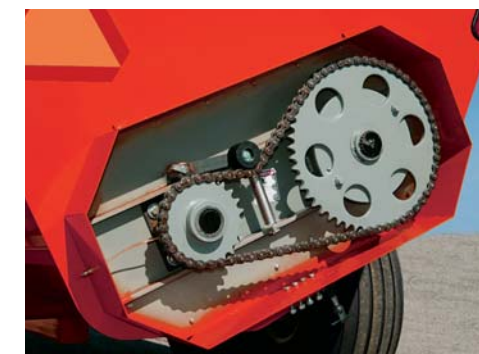
HAMMER DISCHARGE

The combination of the proven free-swinging hammer design, adjustable hydraulic door, hydraulic deflector and variable ground speed enables fine spreading control and accurate material placement.



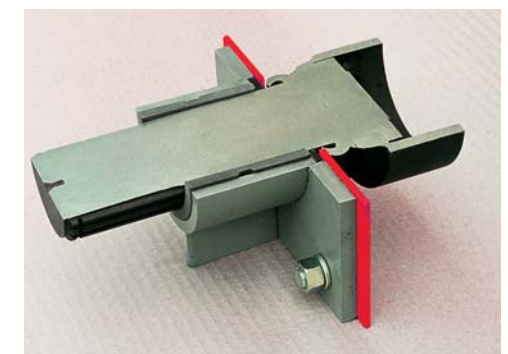
FRONT OIL BATH

Dependable, heavy-duty roller chain drive runs in oil and has spring-loaded, self-aligning poly tighteners for long life. Final drive shafts and sprockets are splined for strength and serviceability.



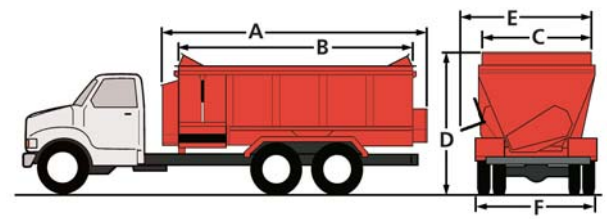
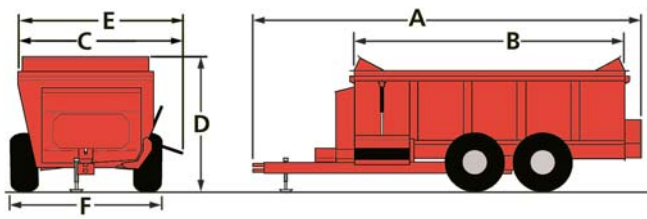
REAR DRIVE COMPARTMENT

The right auger is driven at the rear and is shear-bolt protected. All bearings, chains and sprockets are easily accessible for routine maintenance.



AUGER BEARINGS

Nylon bearings, with polyethylene and rubber quad seals, provide simplicity, long-life and help prevent oil bath contamination.



Model Specifications

	8110	8114	8118	8124
DIMENSIONS	Trailer	Trailer	Trailer	Truck
A – Overall Length	213"	245"	274"	216"
B – Inside Hopper Length	144"	168"	192"	192"
C – Top Inside Hopper Width	56"	64"	73"	82"
D – Overall Height Standard ^{1,2}				
– Tire Option Used ¹	14 X 16.1	19 X 16.1 (SA)	16.5 X 16.1	N/A
– Single Axle (SA) Without ³	53"	57"	N/A	95"
– Tandem Axle (TA) Without ³	N/A	61"	69"	93"
– With Wood Rails ³	57"	61 SA / 65 TA	N/A	N/A
– With Splash Guards ³	62"	66 SA / 70 TA	77"	104"
– With Wood Rails & Splash Guards ³	66"	70 SA / 74 TA	N/A	N/A
– With Lid ³	N/A	N/A	91"	116"
E – Overall Width ²				
– With Bedder Spreader Option	99"	110"	114"	111"
E – Tread Width	80"	96" SA	98"	96"
SPECIFICATIONS				
Unit Weight ⁴ – (TR/TK)	3,740 lbs / N/A	4,600 lbs / N/A	7,150 lbs / 5,618 lbs	7,800 lbs / 5,856 lbs
Maximum Net Load	10,000 lbs	15,000 lbs	18,000 lbs	24,000 lbs
Capacity Without Rails / With 4" Rails				
– Gallons (Struck Level)	871 / 1,008	1,241 / 1,426	1,818 / N/A	2,417 / N/A
– Cubic Feet (Struck Level)	116 / 135	165 / 190	242 / N/A	323 / N/A
– Cubic Yards (Struck Level)	4 / 5	6 / 7	9 / N/A	12 / N/A
Augers				
– Diameter L / R	20" / 14"	20" / 18"		20"
– Flighting Thickness		3/8" Helicoid		3/8" Sectional
Drive				
– PTO-RPM		540		540 / 1000
– PTO Protection		Friction Clutch		Torque Disconnect
– Roller Chain – Augers		60-100-80		60-80-120-100
– Roller Chain – Discharge			60H	
– Enclosed Front Oil Bath		No		Yes
– Number of Hammers		12		15
Box Construction – Thickness				
– Hopper Bottom		7 GA.		1/4"
– Front Panel		10 GA.		7 GA.
– Rear Panel / Side Panels			10 GA.	
– Door Opening Size		18" X 30"		18" X 39"
Axle Type		SA		TA
Spindle Diameter – SA / TA		2 1/2" / N/A		N/A / 2 1/2"
Hub			8-Bolt	HD 8-Bolt
Tongue Weight – % Gross		10%		11%
Tractor Requirement – PTO HP ⁵		60		120

¹ Truck dimensions based on 41" truck frame height ² Heights and widths based on tire size listed ³ Optional equipment ⁴ Unit is equipped with most common options ⁵ Horsepower requirement may vary with different materials
Consult operator's manual for proper tractor sizing

For more information about your nearest Kuhn Knight dealer and other Kuhn Knight products, visit our website

www.KuhnNorthAmerica.com




Visit our YouTube channel to watch our latest product videos.

KUHN NORTH AMERICA, INC.

Corporate Headquarters
1501 West Seventh Avenue - Brodhead, WI 53520
Phone: (608) 897-2131 Fax: (608) 897-2561

Your Kuhn Knight dealer



www.KuhnNorthAmerica.com

Our machines comply with the North American safety regulations. In our leaflets, to better illustrate certain details of the machines some safety devices could have been removed. Conforming to the assembly and operator's manual, in no circumstances must machine be operated without these safety devices in place. All machines are equipped with safety devices which comply with the regulations of the countries in which they are delivered. In the interest of progress, we reserve the right to change without notice any specifications, design or materials listed. Patents filed in several countries.

Find us on

