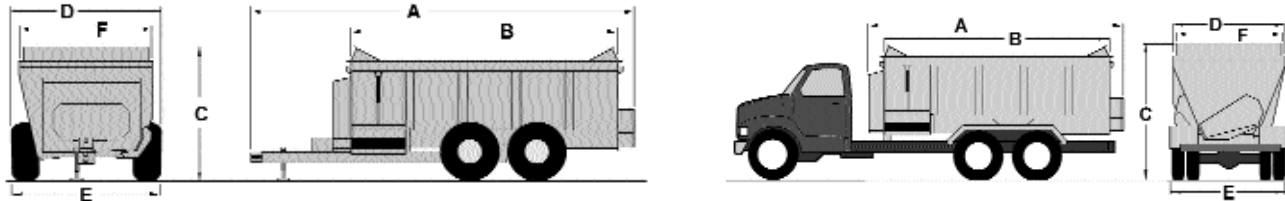


Model Specifications

For truck chassis information on mounting Knight ProTwin Slinger spreaders, call or see your Knight dealer or visit our Web site at www.knightmfg.com



MODEL-TRAILER-TR/TRUCK-TK	8014		8018		8024		8032		8040	
DIMENSIONS (INCHES)	TR	TR	TK	TR	TK	TR	TK	TR	TK	
A - Overall Length	245	274	216	274	216	274	220	322	264	
B - Inside Hopper Length	168	192	192	192	192	192	192	240	240	
C - Overall Height ^{1,2}										
- Single Axle (SA) (without options)	57	NA	88	NA	98	NA	NA	NA	NA	
- Tandem Axle (TA) (without options)	60 1/2	65 1/2	88	77	98	81	110	93	110	
- with Wood Rails (option)	61 SA / 64 TA	69 1/2	92	81	102	NA	NA	NA	NA	
- with Splash Guards (option)	67 SA / 70 TA	75 1/2	97	87	106	91	119	102 1/2	119	
- with Wood Rails & Splash Guards (option)	71 SA / 74 TA	79 1/2	101	91	111	NA	NA	NA	NA	
- with Lid (option)	NA	86	108 1/2	97 1/2	118	101 1/2	124	113	124	
D - Overall Width ² (without option)	94	100	83	100	86	111	97	128	97	
- with Bedder Spreader (option)	110	114	111	114	111	122	117	131	117	
E - Tread Width ²	94	100	96	100	96	111	96	128	96	
F - Top Inside Hopper Width	64	67	67	71	71	90	90	90	90	
SPECIFICATIONS										
Unit Weight ³ (TR / TK) - pounds	4,600 / NA		6,640 / 6,255		7,386 / 7,155		10,460 / 6,815		14,052 / 9,155	
Maximum Net Load - pounds	15,000		18,000		23,000		30,000		36,000	
Capacity - without rails / with 4" rails										
Gallons (struck level)	1241 / 1426		1584 / 1807		2176 / 2400		NA / 3251		NA / 4064	
Bushels (heaped)	261 / 300		351 / 400		453 / 500		NA / 600		NA / 800	
Cubic Yards (struck level)	6.1 / 7.1		7.8 / 9.0		10.8 / 11.9		NA / 16.1		NA / 20.1	
Cubic Feet (struck level)	166 / 191		212 / 242		291 / 321		NA / 435		NA / 543	
Augers										
Diameter	20"L & 18"R		20"		20"		24"		24"	
Flighting Thickness	3/8" superedge helicoid		3/8" helicoid		3/8" helicoid		3/8" sectional		3/8" sectional	
Tube Diameter - left / right	8" / 5"		8" / 5"		8" / 5"		8" / 8"		8" / 8"	
Tube Wall Thickness - left / right	5/16" / 1/2"		5/16" / 1/2"		5/16" / 1/2"		5/16" / 5/16"		5/16" / 5/16"	
Drive Shaft Diameter - left / right	3 1/2" / 3"		3 1/2" / 2"		3 1/2" / 2"		4" / 2"		4" / 2"	
Shear Paddles - left	no		no		no		yes		yes	
Drive										
PTO-RPM	540		1000		1000		CV-1000		CV-1000	
Roller Chain - augers	60-80-100		60-80-100-120		60-80-100-120		60-100-120-140		60-100-120-140	
Roller Chain - discharge	60H		60H		60H		80H		80H	
Enclosed Front Oil Bath	no		yes		yes		yes		yes	
Hammer Expeller and Hammers										
Expeller - RPM	800		800		800		800		800	
Expeller Shaft Diameter	2 1/2"		2 1/2"		2 1/2"		2 1/2"		2 1/2"	
Number of Hammers	12		15		15		15		15	
Box Construction - material thickness										
Hopper Bottom	8 GA.		8 GA.		8 GA.		1/4"		1/4"	
Front Panel	10 GA.		8 GA.		8 GA.		1/4"		1/4"	
Rear Panel / Side Panels	10 GA.		10 GA.		10 GA.		7 GA.		7 GA.	
Door Opening Size	18" x 30"		18" x 39"		18" x 39"		18" x 39"		18" x 39"	
Trailer Axle	single / tandem		tandem		tandem		tandem / HF tandem		HF tandem	
Spindle Diameter - single / tandem / HF ⁴ tandem	3" / 2 1/2" / NA		NA / 2 1/2" / NA		NA / 3" / NA		NA / 3 3/8" / 4 1/2"		NA / NA / 4 1/2"	
Hub	HD 8-bolt		8-bolt		HD 8-bolt		10-bolt		HD 10-bolt	
Trailer Tongue Size	4" x 6"		6" x 6"		6" x 8"		8" x 8"		8" x 10"	
Tailer Tongue Weight - (empty) pounds	552		797		886		1255		1686	
Tractor Requirement - PTO ⁵	80		100		120		140		150	

¹ Truck dimensions are based on 38" truck frame height for single-axle and 40" truck frame height for tandem-axle. ² Heights and widths will vary depending on tire size. ³ Unit equipped with most common options. ⁴ High Flotation ⁵ Horsepower requirement may vary with different materials. Consult operator's manual for proper tractor sizing.

Spreader design and specifications subject to change without notice. These spreaders are designed for agricultural use only with materials estimated up to 65 lbs. per cubic foot. Contact factory for non-agricultural use or heavier materials.



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