

2000

ProPush® Box Spreaders



440 – 540 Cubic Feet



VERTISPREAD®

WORLD-WIDE LEADER IN MANURE SPREADERS



ProPush® Box Spreaders 2044 and 2054

NOW Available with New VertiSpread® Beaters

2000 SERIES MODELS

The 2000 Series ProPush box spreaders are designed with simplicity in mind. The hydraulic push-type design means NO apron chains, fewer moving parts, faster unloading and dependable service life. The ProPush box spreaders are designed to haul and spread solid materials from dairies and feedlots, including gutter manure, yard scrapings, bedding pack and feedlot manure. The ProPush box spreaders feature an all-steel welded box construction, solid poly floor and sides, piggyback hydraulic cylinders and removable beaters. Now, the ProPush can accommodate vertical beaters that will set the standard for solid material spreading.



Removable Beater Assembly

Horizontal or vertical beaters can be removed or installed easily for stockpiling by removing a few bolts. This is more convenient than removing beaters on a competitive spreader with welded panels.



HYDRAULIC PUSH DESIGN



ProPush Features

- The all-steel welded ProPush box construction provides a solid framework and includes a reinforced tongue that pulls directly from the full-width axle.
- The piggyback hydraulic cylinders are totally protected by a structural tube member. This stops manure from falling directly onto the cylinder which helps prevent premature seal failure.
- The VertiSpread vertical beaters are designed for operators who want to spread the toughest solid industrial, dairy or feedlot material with a wider, more consistent spread pattern compared to horizontal beaters.
- VertiSpread beaters can spread a high volume of material quickly while still providing a consistent 25' – 30' spread pattern.



Piggyback Hydraulic Cylinders

This unique cylinder design provides smooth and uniform travel through the entire stroke and rapid cylinder retraction when spreading is completed.



Solid Poly Floor and Sides

The solid poly floor and sides reduce friction and promote self-cleaning to help prevent material buildup on the inside of the spreader.



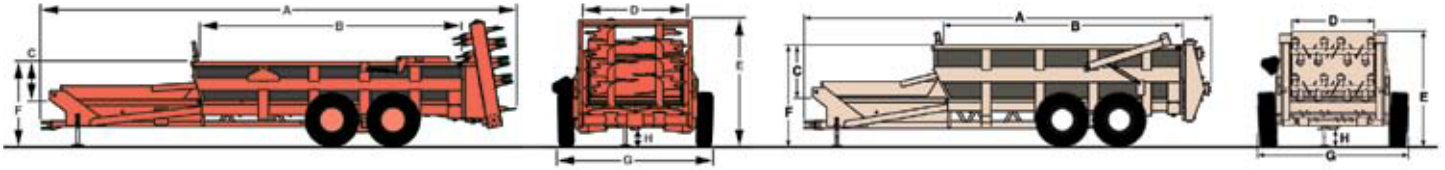
Overrunning Clutch

A greaseable overrunning clutch prevents beater backlash force when the PTO is disengaged, allowing the beaters to free wheel to a stop. This provides protection for the gearbox and spreader driveline.

Key Features!

MODEL SPECIFICATIONS

Visit your dealer or our Web site at www.kuhnnorthamerica.com for information on all Kuhn Knight products.



MODEL	2044		2054	
DIMENSIONS (INCHES)	HORIZONTAL BEATER	VERTICAL BEATER	HORIZONTAL BEATER	VERTICAL BEATER
A - Overall Length	343	356	343	357
B - Inside Box Length	194	194	198	198
C - Inside Box Depth	32	32	47	47
D - Inside Box Width	71	71	71	71
E - Overall Height ¹				
- Tire Option Used	275-80R x 22.5	275-80R x 22.5	425-65R x 22.5	425-65R x 22.5
- Beater	76	93	91	116
- Pusher Extension or Bulkhead	79	93	103	114
F - Loading Height ¹	63	63	85	85
G - Overall Tread Width ¹	115	115	121	121
H - Ground Clearance ¹	18	18	18	18

SPECIFICATIONS

Unit Weight ² - pounds	7620	9440	10,900	12,520
Maximum Net Load - pounds	28,500	28,500	35,000	35,000
Capacity				
Cubic Feet - struck level ³	270	270	400	400
Cubic Feet - heaped ³	440	440	540	540
Beaters				
Number Standard	1	2	2	2
Replaceable Paddles or Teeth	14 paddles	24 teeth	14 paddles	32 teeth
Diameter	26" / optional 14"	35 1/2"	24" / 24"	35 1/2"
Lower Spinner	optional	na	optional	na
Paddle / Flighting Thickness	3/8" paddles	3/8" flighting	1/2" paddles	3/8" flighting, 1/2" optional
Overload Protection ⁴	yes	yes	yes	yes
Removable Beater Assembly	yes	yes	yes	yes
Beater PTO Drive				
RPM	540 or 1000	1000	1000	1000
Roller Chain - lower / upper / spinner	80 / 60 / 60	enclosed gearbox	80 / 80 / 60	enclosed gearbox
Pusher				
Cylinder Diameter	3 1/2"	3 1/2"	4 1/2"	4 1/2"
Pusher Unload Rate @ 15 GPM	35 seconds	35 seconds	55 seconds	55 seconds
Pusher and Cylinder Guides	nylatron	nylatron	nylatron	nylatron
Push Panel Thickness	3/16"	3/16"	3/16"	3/16"
Box and Trailer Construction				
Framework Sides	structural tubing	structural tubing	structural tubing	structural tubing
Floor and Sides	5/8" poly	5/8" poly	5/8" poly	5/8" poly
Axle Type	tandem	tandem	tandem	tandem
Spindles	2 1/2"	2 1/2"	3 3/8"	3 3/8"
Hubs	8-bolt	8-bolt	10-bolt	10-bolt
Endgate	standard	standard	standard	standard
Diaper Pan	optional	na	optional	na
Tongue Weight - % of gross weight	14%	13%	15%	14%
Tractor Requirement - PTO HP ⁵	120	140	140	160

¹ Heights and widths will vary depending on tire size listed.

² Units equipped with most common options.

³ Capacities determined by ASAE Standard S324.1.

⁴ Shear-bolt and overrunning clutch.

⁵ Horsepower requirement may vary with different materials. Consult operator's manual for proper tractor sizing.

We reserve the right to change any equipment specifications, design, or materials 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. US and foreign patents filed.



SAFETY FIRST

Always read and understand the Operator's Manual and all Safety Decals before using the equipment.

YOUR KUHN KNIGHT DEALER

Kuhn North America, Inc.
Corporate Headquarters – 1501 West Seventh Avenue
Brodhead, WI 53520 – Phone: (608) 897-2131 – Fax: (608) 897-2561
www.kuhnnorthamerica.com – info@kuhnnorthamerica.com

