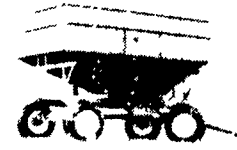


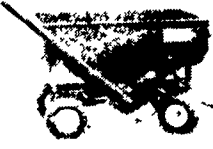
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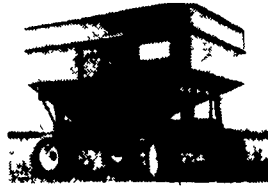
**SIZES
IN STOCK:**
190 BIN
230 BIN
275 BIN
325 BIN



Model 190

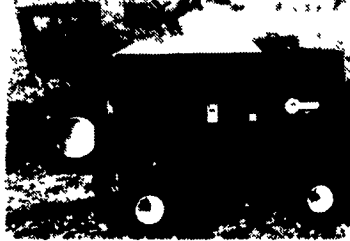


Model 230



Model 275

Running Gears With 5 Year Axle Warranty

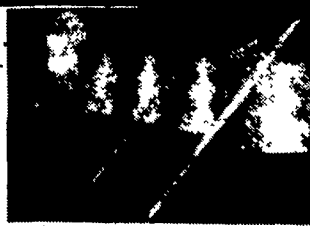


Model 325

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**SEE BINKLEY & HURST BROS. FOR ALL YOUR
GRAIN AUGER NEEDS! Call or Stop In Now For
What You Really Want In An Auger!**

**KINZE
Grain Haulers**

**825 Bushel
Capacity**



In Stock

**840
Wheel**

**Ready For
Delivery**

See The New Bi-Directional Model With Great Versatility - Super Deals At Binkley & Hurst Bros. On Dumping Station Conveyor Box Blower Feeders Speed Up Your Silo Filling Operation By Seeing Binkley & Hurst Bros. Now!

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**If You Want Fine Tune Top Dressing
For Your Fields, You Need To See
Binkley & Hurst Bros. Soon,
Because Knight Will Do The Job!**



**Now Four
Models From 1240 to
3080 Gallons**

**Attention:
Poultry Growers
Ideal Poultry Litter
Spreader Available
In Tow or Truck
Units**

**8000 SERIES
PRO TWIN SLINGERS
Revolutionizes The V
Spreader Concept**

The 8000 Series ProTwin SlingersSM
can handle a wider range of materials than any other spreader. If you have pen pack, sticky feed lot or slurry-type material that needs to be spread fast... and spread evenly, you need the Knight ProTwin Slinger.

Retire Your Current Spreaders!

**The 8000 Series ProTwin Slingers can handle
a wider range of materials than any other spreader . . .**

With the patented twin auger design, material circulates inside the unit. This unique action helps keep the load level during normal operation as well as during start-up, fine spreading, and closed-door turns.

As a result of the twin auger system and the steep angle sides, material bridging and excess forward movement of material are virtually eliminated, even in pen packed and sticky feed lot material.

Examine the material flow in the illustration below and note that the left auger moves material forward to the discharge hammers. The slightly raised right auger moves the material rearward while keeping the left auger evenly charged with material. It is this patented circulating action that makes the ProTwin so effective in handling the toughest material encountered in most applications.

Twin Auger Design History

The first ProTwin model, the Industrial 8030 unit, was introduced in the summer of 1993. The total acceptance of the ProTwin Slinger by agricultural and industrial operators in handling the toughest waste material has been phenomenal.

Originally, the 8030 ProTwin was targeted for industrial use. Today, the same design has been adapted to smaller models to meet the material handling needs of most applications. All of these models handle a wide range of materials, from tough pen pack and sticky feed lot material to slurry types of manure, as well as difficult industrial materials.



**Front Drive Compartment*
Simple Massive
Reduction Drive**

Each of the ProTwin models is designed for maximum, high torque output. The fully sealed front oil bath enclosures help assure that chains and sprockets remain clean and well lubricated. The auger and expeller shafts are sealed to help eliminate oil contamination. Polyethylene-type spring loaded chain tighteners are

used on all driveline chains for positive alignment and long life. Bearings can easily be greased through the external grease banks without removing the front drive shield. Splined shafts have been used in all high-torque areas to provide added strength and reliability.

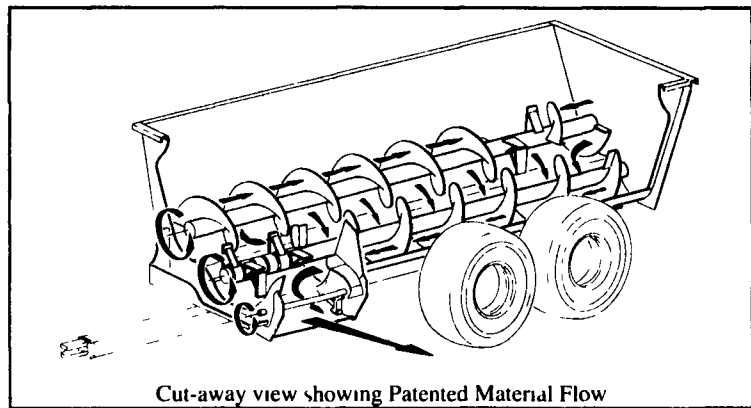


**PTO Driveline
Constant Velocity PTO
with Overload Clutch**

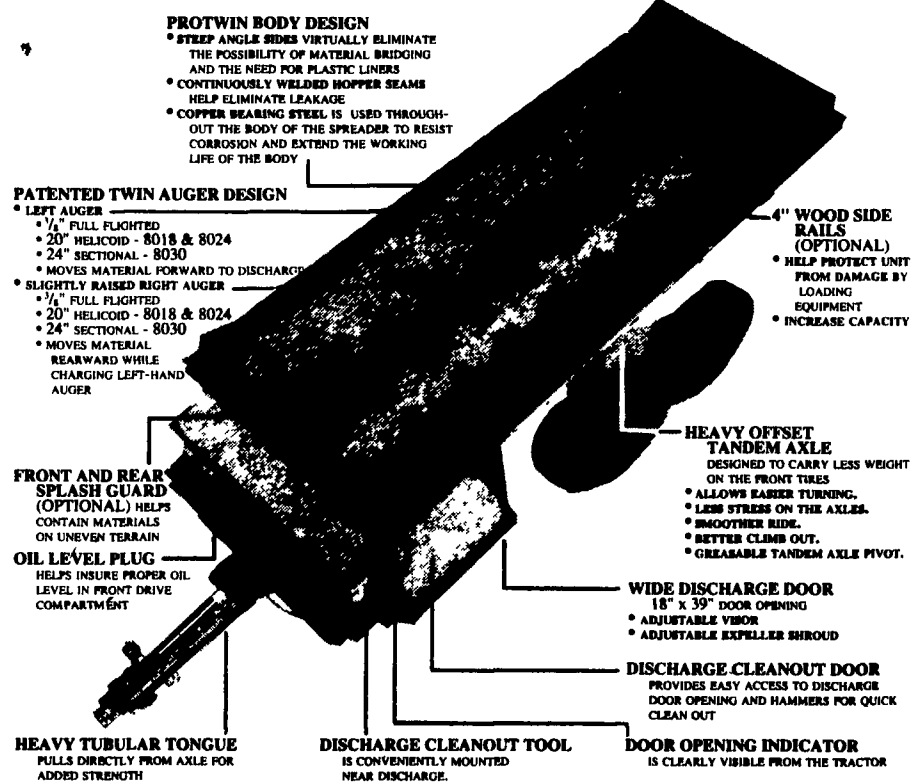
Both 540 and 1000 RPM drivelines incorporate a constant velocity joint to provide a smooth transfer of power from the tractor to the unit. This relieves uneven stress on the drive train during normal turns and during operation over uneven terrain. The overload clutch provides protection for the expeller shaft and initial drive components. (There is no shear pin in the expeller drive.)



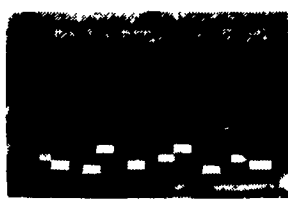
**Forged-Steel
Hammer**
Each hammer has a nylon bushing and a replaceable manganese steel wear plate.



Cut-away view showing Patented Material Flow



- PROTWIN BODY DESIGN**
 - STEEP ANGLE SIDES VIRTUALLY ELIMINATE THE POSSIBILITY OF MATERIAL BRIDGING AND THE NEED FOR PLASTIC LINERS
 - CONTINUOUSLY WELDED HOPPER SEAMS HELP ELIMINATE LEAKAGE
 - COPPER BEARING STEEL IS USED THROUGHOUT THE BODY OF THE SPREADER TO RESIST CORROSION AND EXTEND THE WORKING LIFE OF THE BODY
- PATENTED TWIN AUGER DESIGN**
 - LEFT AUGER
 - 1/2" FULL FLIGHTED
 - 20" HELICOID - 8018 & 8024
 - 24" SECTIONAL - 8030
 - MOVES MATERIAL FORWARD TO DISCHARGE
 - SLIGHTLY RAISED RIGHT AUGER
 - 1/2" FULL FLIGHTED
 - 20" HELICOID - 8018 & 8024
 - 24" SECTIONAL - 8030
 - MOVES MATERIAL REARWARD WHILE CHARGING LEFT-HAND AUGER
- 4" WOOD SIDE RAILS (OPTIONAL)**
 - HELP PROTECT UNIT FROM DAMAGE BY LOADING EQUIPMENT
 - INCREASE CAPACITY
- HEAVY OFFSET TANDEM AXLE**
 - DESIGNED TO CARRY LESS WEIGHT ON THE FRONT TIRES
 - ALLOWS EASIER TURNING.
 - LESS STRESS ON THE AXLES.
 - SMOOTHER RIDE.
 - BETTER CLEANS OUT.
 - GREASABLE TANDEM AXLE PIVOT.
- FRONT AND REAR SPLASH GUARD (OPTIONAL)** HELPS CONTAIN MATERIALS ON UNEVEN TERRAIN
- OIL LEVEL PLUG** HELPS INSURE PROPER OIL LEVEL IN FRONT DRIVE COMPARTMENT
- WIDE DISCHARGE DOOR** 18" x 39" DOOR OPENING
 - ADJUSTABLE VIEW
 - ADJUSTABLE EXPELLER SHROUD
- DISCHARGE CLEANOUT DOOR** PROVIDES EASY ACCESS TO DISCHARGE DOOR OPENING AND HAMMERS FOR QUICK CLEAN OUT
- HEAVY TUBULAR TONGUE** PULLS DIRECTLY FROM AXLE FOR ADDED STRENGTH
- DISCHARGE CLEANOUT TOOL** IS CONVENIENTLY MOUNTED NEAR DISCHARGE.
- DOOR OPENING INDICATOR** IS CLEARLY VISIBLE FROM THE TRACTOR



**Hammer Discharge
Patented Free Swinging
Hammer Expeller**

The expeller on all ProTwin models features 15 forged steel hammers mounted on a 2 1/2" shaft. The hammers pivot on 3/4" bolts with nylon anti-seize type bushings that allow free movement. The expeller rotates at over

800 RPM allowing each eight pound hammer to swing down into the material, peeling it off and slinging it underhand in a fine spread pattern with no clumps. The 3" wide, free swinging hammers absorb shock and tolerate most foreign objects. Each hammer is faced with a work-hardening manganese steel wear plate for longer life and low cost replacement. The adjustable shroud allows easy hammer clearance setting for optimum spread pattern width. This proven hammer expeller design enables fine spreading control and material calibration through the combination of the hydraulic door opening and ground speed.



Rear Drive Compartment*

The right auger is driven at the rear and is shear pin protected. Bearings, chains and sprockets are easily accessible for routine maintenance.

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*Shields removed for illustration only
Do not operate without shields in place and functioning