

Two New Knight ProTwin Heavy Duty V Type Manure Spreaders In Stock At Binkley & Hurst Bros. For Immediate Delivery

In Stock For Delivery Now!

Model 8018 Approx. 400 Bu. Or 1800 Gallon, Model 8030 Approx. 600 Bu. or 3080 Gal. Trade-In Your Good Used Late Model Box Spreader Today!

## **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 difficult industrial materials. are virtually eliminated, even in pen packed and sucky 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 enal 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

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



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

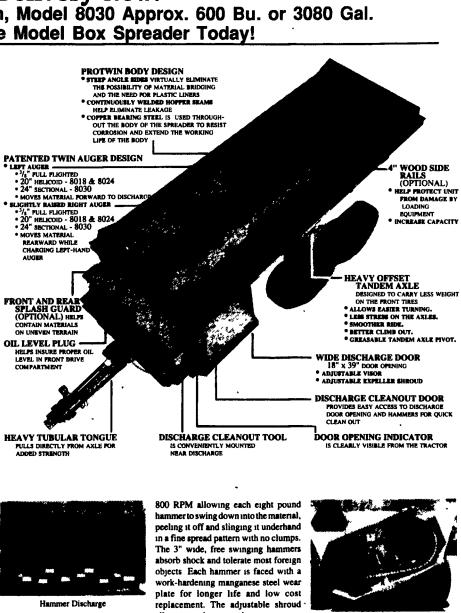
Each of the ProTwin models is designed for maximum, high torque output. The fully scaled front oil bath enclosures help assure that chains and sprockets remain clean and well lubricated. The auger and expeller shafts are sealed to help

Originally, the 8030 ProTwin was used on all driveline chains for positive targeted for industrial use Today, the same alignment and long life. Bearings can design has been adapted to smaller models easily be greased through the external to meet the material handling needs of grease banks without removing the front drive shield. Splined shafts have been used in all high-torque areas to provide added strength and reliability

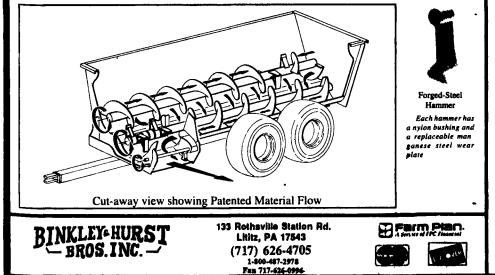


PTO Drivehne Constant Velocity PTO with Overload Clutch

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



toughest waste material has been eliminate oil contamination. Polyethyleneinitial drive components. (There type spring loaded chain tighteners are shear pin in the expeller drive) phenomenal



## **Patented Free Swinging** Hammer Expeller

The expeller on all ProTwin models features 15 forged steel hammers mounted on a 21/2" shaft. The hammers pivot on 5/4" bolts with nylon anti-seize type bushings that allow free movement The expeller rotates at over

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

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