Primor™ Bale Processors

2060 M / 4270 M





THE PRIMOR RANGE – THE RIGHT CHOICE

KUHN PRIMOR™ BALE PROCESSORS CAN PROCESS A WIDE VARIETY OF MATERIALS THAT CAN BE FOR BEDDING OR FEEDING. AS A BEDDING MACHINE, YOU'LL SAVE TIME BY NOT HAVING TO OPEN GATES AND MANUALLY SPREAD OUT MATERIALS. AS A FEEDING MACHINE, THE PRIMOR CAN BE USED TO PRE-PROCESS BALES FOR A MORE THOROUGHLY MIXED TMR OR TO DIRECTLY FEED A PROCESSED BALE INTO A FEED BUNK. THE SIMPLE OPERATION AND CONVENIENT IN-CAB CONTROLS MAKE THE KUHN PRIMOR EASY TO OPERATE, WHILE BEDDING OR FEEDING AS FAST AS POSSIBLE.







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ULTIMATE VERSATILITY

The KUHN Primor can process a wide variety of materials that can be used in a multitude of ways. Both round and square bales of a wide range of sizes can be processed for both bedding materials or feed ingredients. Materials from corn stalks to wheat straw, and even to grassy hay can be processed using the multi-function rotor. Processed materials can then be dropped into a feed bunk, blown into a pile, or evenly spread throughout a pen.

BUILT WITH YOU IN MIND

Farmers increasingly take into account factors such as, user friendliness, time savings and operating efficiencies when evaluating equipment investment decisions. As a bedding machine, the operator saves time by not having to open gates and manually spread out materials. As a feeding machine, the Primor can be used to pre-process bales for a more thoroughly mixed TMR or to directly feed a processed bale to a feed bunk. The simple operation and convenient in-cab controls make the KUHN Primor easy to operate while bedding or feeding as fast as possible.

Models	Volume Capacity	Round Bale Capacity	Square Bale Capacity
2060 M	76 ft³ (2.2 m³)	4' (1.2 m) wide, up to 6' (1.8 m) in diameter	Up to 8'2" (2.5 m) long
4270 M	148 ft³ (4.2 m³)	2 bales - 5' (1.5 m) wide, up to 6'7" (2.3 m) in diameter	Up to 8'10" (2.7 m) long

WHY CHOOSE A KUHN PRIMOR?





LABOR SAVINGS



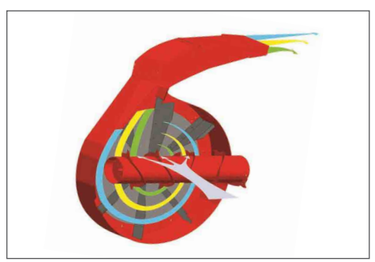
One person can quickly and easily bed multiple pens in a shorter amount of time.

VERSATILITY



Utilize wet or dry materials, and handle round or square bales of multiple sizes.

RELIABILITY



Increased blower thickness and hydraulically disengageble Polydrive® belt system provide greater longevity and little maintenance.

EFFICIENCY



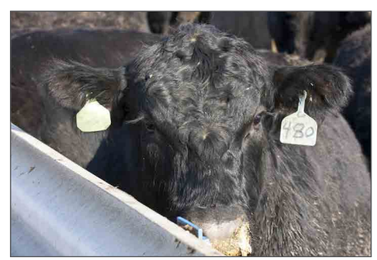
Use fewer materials due to a better and more even distribution. Using a Primor™ also results in lower costs and lower horsepower than a tub grinder.

OPERATOR COMFORT



The tractor-mounted control box provides easy operation and adjustments directly from the cab.

SAFETY

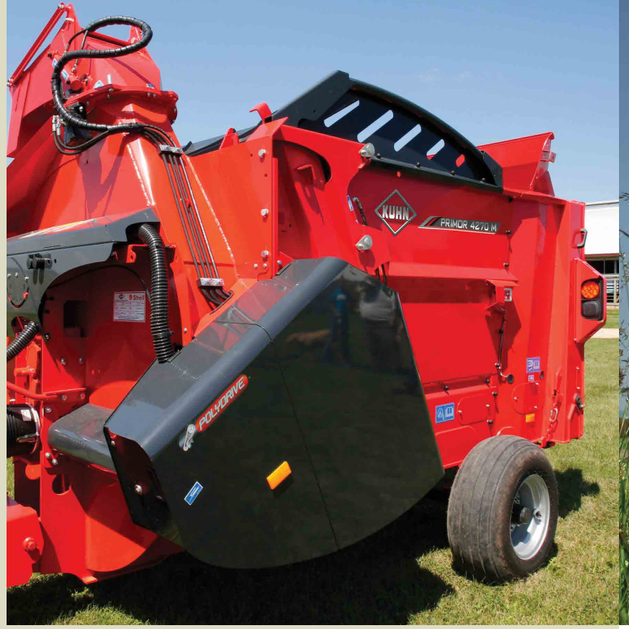


Bed pens evenly and efficiently without having to enter the pen.

BALE PROCESSORS **2060 M / 4270M**

THE ORIGINAL & PROVEN **POLYDRIVE® BELT SYSTEM**



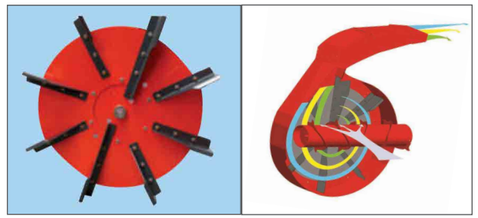


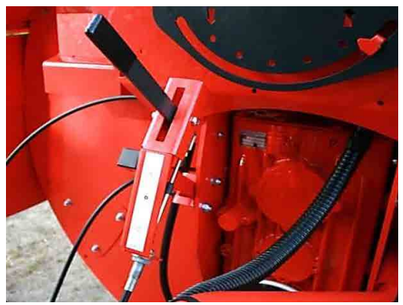
The Polydrive® is a hydraulically disengageable belt system that drives the feed rotor. It offers several advantages:

- Rotor can be engaged and disengaged separately from the turbine, **reducing startup horsepower** required. This is important because material is not pulled into the turbine during startup which **greatly reduces** the **risk of plugging.**
- **Eliminates the need for a shear bolt**, making the Polydrive system **more reliable** and **much more quiet** than a chain drive with **virtually no maintenance** besides visual inspection.
- **Safe use.** As the conveyor only moves when the feed rotor is engaged, **accidental operations** are avoided. The conveyor stops immediately as soon as the feed rotor is disengaged.

TURBINE WHEEL

The turbine wheel consists of eight blades, two of which are longer than the others in order to generate a speed differential in the turbine and produce a "shower" of straw. The large working area of the broad blades propels the product stream over the entire height of the chute. Straw is therefore blown consistently and evenly from bottom to top without touching the chute.





2-SPEED GEARBOX

The 2-speed gearbox offers a high and low setting of the blower speed allowing you to vary the distance that the product is distributed. The low setting reduces the blow back which is recommended for feeding and will also work for bedding smaller facilities. For wider distribution bedding, use high speed to achieve maximum range.



PRIMOR **2060 M**

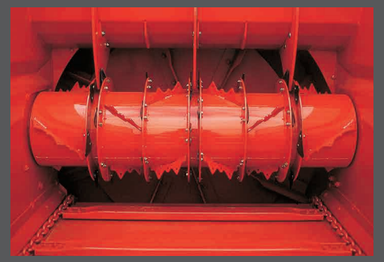
COMPACT DESIGN FOR EASY MANEUVERABILITY

The KUHN Primor 2060 M bale processor is an excellent choice for livestock managers and other operations where the goal is to utilize 4’ wide round and square bales for bedding, feeding, or mulching. It is offered in a standard-duty, mounted version for exceptional maneuverability and versatility for small- and medium-sized operations. The Primor utilizes a top discharge blower design that makes it easy to direct and control the discharged material across distances up to 60’. The Primor will also feed wet or dry hay from a bale directly into a feed area.



GREATER MANEUVERABILITY

The mounted design ensures simple handling, access to tight buildings and easy navigation down narrow alleys or alleys with one only one entrance.



EFFICIENT FEED ROTOR

Driven by the Polydrive® system, the feed rotor operates at 400 rpm allowing material to be pulled from the bale without over-cutting. This high speed reduces the risk of wrapping long-stranded products and delivers uniform material length and consistency.



SELF-LOADING TAILGATE

For those of you who store your bales on flat surfaces, round or square bales can be easily loaded using the hydraulically powered tailgate positioned in-line with the conveyor and body designed to load all bale types.

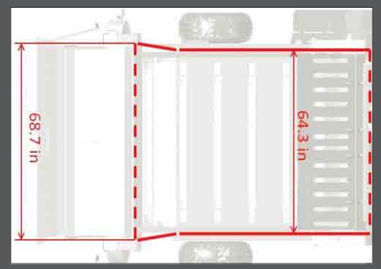
PRIMOR 4270 M

ULTIMATE VERSATILITY

The Primor 4270 M trailed bale processor features an extra-wide body for handling larger bales. With a loading capacity of 148 cubic feet, this machine can load one 4' x 4' x 8' large square bale or two 5' x 6' round bales – one in the hopper and one in the tailgate. The Primor 4270 M has an adjustable feed regulator to provide more even processing and distribution of both feed and bedding. Bedding flow can easily be directed and controlled hydraulically from the cab a full 300° to the left, right and rear.







EXTRA-WIDE BODY

The extra-wide body and long length allow for easy loading of any size bale, for bedding or feeding, with a capacity of up to two 5' x 6' round bales or one large square bale up to 4' x 4' x 8'.



STAINLESS STEEL TURBINE LINER

To increase your machine's service life, the Primor 4270 M turbine is 50% thicker and features a standard stainless steel turbine and discharge chute liner to further resist abrasion and add life to your machine.



HYDRAULIC FEED REGULATOR

The feed rotor is driven by the Polydrive® belt-drive system with hydraulic engagement allowing you to regulate the amount of product going into the rotor.



CONTROLLED DELIVERY

The top swivel chute has a range of 300° to easily direct and control material placement from the cab. Bedding can be blown up to 60' to the right and 42' to the left.



CONSISTENT SPREAD UP TO 60'

A wider, 67" blower turbine allows for a high-speed discharge that spreads material up to 60'. The turbine wheel uses different blade lengths to provide an even distribution of material for uniform coverage across the blowing distance, without needing to adjust the chute position.



SIMPLE HYDRAULIC CONTROLS

For added convenience, a secondary remote is included to operate the tailgate outside of the cab. For in-cab control the tractor-mounted control box provides easy operation and adjustments from the cab.

Customized to Fit Your Operation

OPTIONAL EQUIPMENT



SECOND ELECTRIC REMOTE

The secondary remote allows you to raise and lower the tailgate for rear loading door control.

Optional on 2060 M / Standard on 4270 M



PIVOTING DISCHARGE CHUTE

The pivoting discharge chute allows operators to also blow materials 42' to the left for a 300° range. This is useful for areas with tight corners and difficult access areas.

Optional on 2060 M / Standard on 4270 M



DIVERTER VALVE

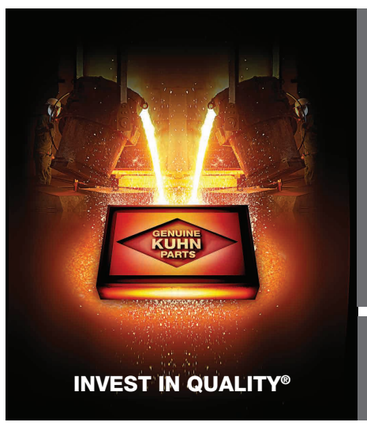
This valve is required when using tractors with an unregulated hydraulic flow over 12 gallons per minute to prevent the circuit from overheating.



SIDE EXTENSION KIT

Side extensions are recommended when working with 6' diameter bales and larger.

4270 M Only



GENUINE KUHN PARTS®

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Technical Specifications

	PRIMOR 2060 M	PRIMOR 4270 M
Volume capacity	76 ft³ (2.2 m³)	148 ft³ (4.2 m³)
Blower style	Turbine	Turbine
Hitch	3-point, Cat. 2	Drawbar
Electro-hydraulic control system	Standard	Standard
Hydraulic control of adjustable feed regulator (recommended for dual-purpose bedding and feeding applications)	-	Standard
Second electric remote for rear loading door control	Optional	Standard
Round bale capability	4' (1.2 m) wide, up to 6' (1.8 m) in diameter	2 bales - 5' (1.5 m) wide, up to 6'7" (2.3 m) in diameter
Large square bale capability	Up to 8'2" (2.5 m) long	Up to 8'10" (2.7 m) long
PTO with slip and overrunning clutch	Standard	-
CV PTO with slip and overrunning clutch	-	Standard
Blowing distance	0 - 60' (0 - 18.3 m)	0 - 60' (0 - 18.3 m) on the right and 0 - 42' (0 - 12.8 m) on the left
Blowing Chute	Fixed	Pivoting
Turbine Stainless Steel Liner	-	Standard
Extended lower links and extra regulating teeth	Standard	-
Overall length	9'6" (2.9 m)	16'8" (5.1 m)
Machine height - swivel chute extended to the right	7'8" (2.4 m)	10' (3 m)
Width, with chute closed / with chute open	6'2" / 6'6" (1.9 / 2 m)	7'10" / 9'3" (2.4 / 2.8 m)
PTO speed	540	540
Minimum PTO power requirement	90 hp (67 kW) for baleage, 70 hp (52 kW) for straw	90 hp (67 kW) for baleage, 70 hp (52 kW) for straw
Hydraulic pressure min./max.	2,175 to 2,755 psi (150 to 190 bar)	2,175 to 2,755 psi (150 to 190 bar)
Hydraulic flow min./max.	8 to 12 GPM (30 to 60 liters/min)	8 to 12 GPM (30 to 60 liters/min)
Required tractor hydraulic connections	1 SA with free return	1 SA with free return
Empty weight	3,086 lbs (1,400 kg)	6,173 lbs (2,800 kg)



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