A BALER PROCESSOR TO

For many years, livestock producers have embraced the use of bale processors for a lot of different reasons. When you visit with owners and operators, one of the biggest reasons they prefer bale processors is the versatility the machine brings to their operation.

Finding efficiencies

Owners can process everything from hay to cornstalk bales, and round bales to square bales. They get the flexibility to perform all kinds of tasks with a machine like the Vermeer BPX9010 bale processor — laying down windrows in the field, bunk feeding, or distributing hay material for total mixed rations (TMR) and blowing bedding into barns or forage into storage bunkers. Other types of processors can even be used for different industries — for example, the Vermeer Catapult® CPX9000 bale processor is designed to process round or square bales and accurately distribute material up to 100 ft (30.5 m). In an agricultural application, this is beneficial for livestock producers to be able to bed their livestock in covered buildings. In an industrial application, the CPX9000 can be used for land reclamation projects to distribute a consistent layer of straw, helping to reduce erosion.

The bottom line: Owning a bale processor can seriously boost your capabilities.

Improved palatability

One of the biggest reasons why a livestock producer sees value in a bale processor is their ability to help turn marginal quality hay into a more palatable feed for livestock. Why? Processing hay helps effectively eliminate dust, mold and mildew that accumulates over time in a bale before the hay enters the digestive system of the cows. Plus, hay processing reduces the amount of sorting, waste and manure that typically takes place around the bale ring. The Vermeer Final Cut™ FPX9000 bale processor comes with multiple cutting stages, which can reduce the size of processed hay down to an average cut length of 1.25 in-4 in (3.2 cm-10.2 cm), giving producers the flexibility to process and then mix their own feed rations. According to University of Wisconsin Forage Agronomist Dr. Dan Undersander, this hay length is the optimal material size for digestibility and efficiency in the cow’s rumen. The bale processor will also help enable you to produce a piece of your TMR feed to process hay into feed bunk along with other grains or supplements.

Waste not, want not

If you process hay on a daily basis (even if you are processing into a windrow in open range on the ground), you can limit intake and reduce hay loss. Bale processors allow operators to better control and monitor consumption. Processing and windrowing bales in the field can result in more hay consumed and less hay wasted. Your cows can get an equal opportunity at feeding time because they have greater access compared to feeding with bale rings or simply unrolling bales in the field.

Evaluate your needs

There is no one answer to the question, “Does a bale processor make sense for a livestock operation?” The needs of each operation vary, so it’s important to evaluate what you really want to accomplish. Look around your operation and consider the possibilities — then ask your dealer for a demonstration.

Fit Your Operation

BPX9010 bale processor: Utility player

Preferred operation: Operators that need an all-around processor to perform a variety of applications.

Key strengths: Feeding or bedding. Distribute a consistent, uniform windrow of crop along the bunk line or out in the pasture. Also used for spreading bedding across dirt lots or pastures.

Final Cut FPX9000 bale processor: Particle size specialist

Preferred operation: Producers who want a consistent fine-cut product for TMR as well as feed efficiency in their cattle.

Key strengths: Consistently processing material in average cut lengths of 1.25 in-4 in (3.2 cm-10.2 cm) long.

Catapult CPX9000 bale processor: Long-distance thrower

Preferred operation: Operators who need to get up and over feed bunks or distribute material at long ranges in both cattle operations and erosion control applications.

Key strengths: Processing and distributing forage materials consistently and accuracy at long distances (up to 160 ft [48.8 m]).

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For many years, livestock producers have embraced the use of bale processors for a lot of different reasons. When you visit with owners and operators, one of the biggest reasons they prefer bale processors is the versatility the machine brings to their operation.
Meet the BPX9010 bale processor. This workhorse combines simplicity, durability and versatility — an all-around processor ready to perform a variety of applications. Distribute a consistent, uniform window of crop along the bunk line or out in the pasture. Also, spread bedding with consistency and accuracy at ranges up to 50 ft (15.2 m). The BPX9010 eases the processing of bales.

**Simplicity.** Load, operate and maintain it with ease. Go to the field ready to process bales smoothly and consistently.

**Durability.** A robust, heavy-duty and reliable bale processor that’s ready to help maximize productivity and prolong machine life.

**Versatility.** Process round or large square bales of varying qualities, and distribute material where and how you want it.

The BPX9010 is designed to meet the needs of operators who want productivity and ease of operation. Operators who want to distribute consistent and uniform windrows, reach tight spots along the bunk line or spread bedding evenly and consistently. Operators who demand ease of maintenance so they can get back to work. It’s a workhorse bale processor that’s tough enough to keep up with your operation.

Cutting twine off the rotor has been among the most hated jobs, until now. The rotor cleaner attachment can be moved on the cut control bars to help reduce the excessive net and twine on the rotor. Operators can access the rotor from the left side of machine by simply opening the side doors.

A vertical bale lift system helps make it quicker and more convenient to load bales and can reduce stress on the machine. Plus, the robust T-style tongue frame has no welds or gussets at high stress points and is bolted high on the tub, which offers enhanced durability.

The new toolless cut control bar design allows dual adjustments to be made for increased aggression and is accessible from outside the machine. Ten different settings allow producers to be in control of processing speed and material size.

An offset rotor pulls material through for consistent feeding and helps prevent uncontrolled fall-through when slowing down the machine. Process whole bales of varying shapes (with a powered sidewall kit) and qualities to produce uniform windrows, hit tight spots along the bunk line or spread bedding evenly up to 50 ft (15.2 m).

Process large square bales with the optional powered sidewall kit and the optional straight fork kit. Offset loader forks position the bale to the right-hand side of the processor and the movable wall repositions so you can process large square bales. Now your round bale processor has enough control to process large square bales evenly and consistently, as well.

The self-cleaning rotor design feeds bales consistently into the rotor — reducing the need to reverse frequently. Heavy-duty spindles and chains allow rechopped bales to be processed smoothly, right where you perform maintenance without removing the entire bed.
The Final Cut™ FPX9000 bale processor combines cutting consistency, speed and versatility to provide true fine-cut capability and a rapid processing time. Control when you process feed and produce an optimal material size for feed-mixing purposes to help increase feed efficiency in your cattle.

The FPX9000 delivers a consistent, average cut length of 1.25 in-4 in (3.2 cm-10.2 cm) by passing through multiple cutting points. Placing 60 knives on each rotor provides an optimal amount of contact with the bale to produce a consistent cut length from start to finish. This allows for fast mixing with a TMR, as well as smaller particle size to aid feed efficiency in your cattle.

Process the amount of feed you want, when you need it. And with the optional automatic bale-feed system, you can help improve the efficiency of processing the bales. The FPX9000 is ready for windrow or bunk feeding — or processing material into a bunker or other storage item for mixing rations later. Plus, an optional powered sidewall gives you the versatility to process round or square bales.

Cutting consistency for feed efficiency. Consistent speed for quick processing. With the FPX9000, you have final say over how the job gets done.

**True fine-cut capability.** The primary rotor initially cuts pieces of crop from the bale before delivering it to the high-speed rotor for further chopping before sending it through the primary rotor and ejecting it from the machine. These multiple touch points provide consistency of cut size throughout the entire bale, which speeds up mixing in a TMR and aids in better feed efficiency of your cattle.

**Lessen the chance of unprocessed crop being fed through the machine with durable intermeshing knives on both the primary and high-speed rotors.** These components produce consistent processed material and help reduce twine and net buildup.

**Bales are consistently fed into the primary rotor, reducing the need to reverse the bale rotation.** The slick-and-chain bale rotation design allows for convenient maintenance without the need to remove the entire rotation bed and can help reduce the need to replace bushings and bearings.

**Dual direct-drive gearboxes provide even distribution of power to the rotors of the machine.** This design helps deliver durability while minimizing maintenance.

**The Final Cut™ FPX9000 bale processor combines cutting consistency, speed and versatility to provide true fine-cut capability and a rapid processing time. Control when you process feed and produce an optimal material size for feed-mixing purposes to help increase feed efficiency in your cattle.**
The Catapult® CPX9000 bale processor gives operators the ability to process and distribute forage materials smoothly, consistently and accurately at long distances, making it ideal for multiple applications.

This machine has the power to throw forage material up to 100 ft (30.5 m) in order to get up and over feed bunks in a cattle operation or for land reclamation and erosion-control purposes.

The CPX9000 also has the versatility to process round or square bales, adjust throw distances, control how the spout is angled and how the crop is distributed.

What’s more is that the performance and ease of use of an automatic bale feed system provides smooth material feeding with limited operator assistance.

It’s clear that the CPX9000 offers a high standard in power, versatility and ease of operation. Plus, the simplicity, durability and ease of maintenance is something operators have come to expect from Vermeer.

The automatic bale feed system helps optimize productivity and provides smooth material feeding through automatic slow down or speed up to maintain a consistent operating PTO and rotor rpm. All this makes it more convenient for the operator to manage the feeding system.

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**BPX9010/FPX9000/CPX9000 BALE PROCESSORS SPECIFICATIONS**

**DIMENSIONS AND WEIGHTS**

<table>
<thead>
<tr>
<th>Model</th>
<th>BPX9010</th>
<th>FPX9000</th>
<th>CPX9000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>15.8 ft (4.8 m)</td>
<td>15.8 ft (4.8 m)</td>
<td>15.6 ft (4.8 m)</td>
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<tr>
<td>Width</td>
<td>8 ft (2.4 m)</td>
<td>8 ft (2.4 m)</td>
<td>8 ft (2.4 m)</td>
</tr>
<tr>
<td>Height</td>
<td>11 ft (3.4 m)</td>
<td>11 ft (3.4 m)</td>
<td>11 ft (3.4 m)</td>
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<tr>
<td>Weight (dry)</td>
<td>4,500 lb (2,041 kg)</td>
<td>4,500 lb (2,041 kg)</td>
<td>4,700 lb (2,131 kg)</td>
</tr>
<tr>
<td>Drawbar weight</td>
<td>1,800 lb (816 kg)</td>
<td>1,800 lb (816 kg)</td>
<td>2,000 lb (907 kg)</td>
</tr>
</tbody>
</table>

**TRACTOR REQUIREMENTS**

- Maximum engine PTO power: 85 hp (63 kW) (minimum) 110 hp (82 kW) (recommended)
- Minimum engine PTO power: 72 hp (54 kW) (minimum) 100 hp (75 kW) (recommended)
- Maximum drawbar pull: 3,400 lb (1,540 kg) (minimum) 5,100 lb (2,311 kg) (recommended)
- Hydraulic system: 10,000 psi (690 bar) (minimum) 14,000 psi (967 bar) (recommended)
- Kilovolt (kV) rating: 120 kV (minimum) 180 kV (recommended)

**MINIMUM PTO HP WITH AUTOMATIC BALE FEED**

- BPX9010: 85 hp (63 kW)
- FPX9000: 110 hp (82 kW)
- CPX9000: 110 hp (82 kW)

**MAXIMUM PTO HP**

- BPX9010: 210 hp (157 kW)
- FPX9000: 210 hp (157 kW)
- CPX9000: 210 hp (157 kW)

**GENERAL SPECIFICATIONS**

- Bale weight capacity: 2,500 lb (1,134 kg)
- Torque protection – driveline: Shear bolt
- Tire size – standard: 14L x 16.1 FL
- Flail drum diameter: 26.8 in (68.1 cm)
- Flail drum length: 78 in (198.1 cm)
- Hydraulics type: 3 double-acting
- PTO speed: 1,000 rpm
- Drawbar weight: 1,800 lb (816 kg)
- Operation width: 11.2 ft (3.4 m)
- Transportation width: 8.2 ft (2.5 m)
- Horizontal spread distance: Up to 50 ft (15.2 m)
- Spout rotation: NA
- Spout deflector: NA
- Cut control bar quantity: 7
- Cut control bar adjustment: Hand lever with 5 settings, plus an additional high/low setting
- Safety chain kit: 10,000 lb (4,536 kg)
- High-speed rotor flail quantity: NA
- High-speed rotor flail speed: NA
- High-speed rotor diameter: NA
- Flail drum speed: 1000 rpm
- Hydraulics type: 3 double-acting

**BPX9010 OPTIONAL FEATURES**

- High-wear resistance liner
- Camera kit
- Material containment kit
- Hydraulic cut control bar kit
- Extra cut control bars kit
- Square bale fork kit
- Material containment kit
- Two hydraulic remote kits

**FPX9000 OPTIONAL FEATURES**

- Flotation tires
- Extra cut control bars kit
- Front discharge curtain
- Square bale fork kit

**CPX9000 OPTIONAL FEATURES**

- Square bale fork kit
- Material containment kit
- Two hydraulic remote kits

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