

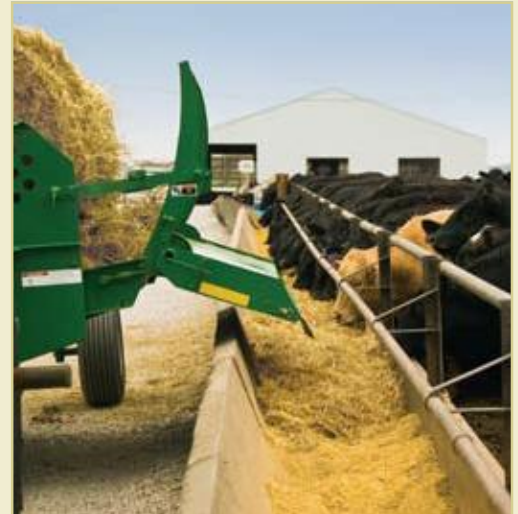
Frontier Bale Processor

Consistent windrows for better rationing

Model	BP1166
Transport Width	10 ft. 8 in. (3.3 m)
Transport Length	12 ft. 9 in. (3.9 m)
Transport Height (Loader Folded)	6 ft. 5 in. (2.0 m)
Working Width	13 ft. (4.0 m)
Working Length	12 ft. 9 in. (3.9 m)
Working Height	9 ft. 9 in. (3.0 m)
Tires	(2) 9.5 x 14 - 8 ply
Bale Conveyor	3 roller chains with cross slats
Bale Conveyor Drive	Hydraulic motor with flow control valve
Rotor Length	78 in. (2.0 m)
Rotor Diameter (Flails Extended)	25.5 in. (.7 m)
Rotor Bearing	1.75 in. (4.4 cm) ball bearing
Number of Flails	30
Flail Type	.4375 in. (1.1 cm) thick, 3 lbs. (1.4 kg), heat treated spring steel
Number of Stripper Plates	1
Number of Slug bars	5
PTO Rotor Drive	1000 RPM 1.375 in. (3.5 cm) diameter shaft with 21 splines
PTO HP Requirements	65 -155 hp (48.5-115.6 kW)
Hydraulic Requirement	2 double acting valves
Hydraulic Cylinders	(2) 2.5 in. x 16 in. (.1m x .4 m) double acting
Minimum Hydraulic Pressure	1800 PSI (12 411 kPa)
Minimum Hydraulic Flow Rate	8 GPM (30 L/min)
Maximum Bale Size	5 ft. 6 in. (1.7 m) Long x 6 ft. 6 in. (2.0 m) diameter
Maximum Bale Weight	1500 lbs. (680 kg)
Deflector Shield	6 positions, 120 degree range
Machine Weight	3700 lbs. (1,678 kg)

Proper care for your livestock

The Frontier Bale Processor is the best way to turn your round bales into consistent windrows, allowing your dairy cows or beef cattle to enjoy equal feeding time. Best of all, the BP1166 is designed to minimize dust and mold from processed bales to increase healthy feed. Spend less time producing clean, comfortable bedding for your animals. The Frontier Bale Processor helps you provide the best environment for your livestock.



Frontier Bale Processors meet applicable ASABE safety standards.



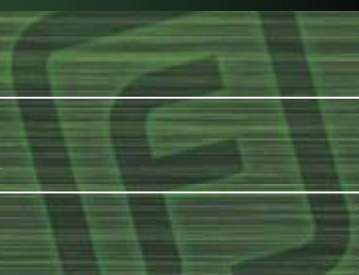
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Make your hay go farther with the Frontier Bale Processor



BP1166



If you value the health of your livestock, then the Frontier BP1166 Bale Processor is the right choice.

This multi-purpose implement helps condition and care for your dairy cows or beef cattle by providing ideal feed portions and producing comfortable bedding. With clean, well-nourished animals, your herd is much more profitable to your business. Plus, the BP1166 offers a fast, simple way to spread hay and straw residue for erosion control.

Feeding: With a consistent windrow every time, the BP1166 allows for better rationing. Each animal gets equal feed time and equal portion. And for healthier forage, the BP1166 mixes dry hay from outside the bale with fresh hay from inside the bale while minimizing dust and mold. With this tool, you cut down on waste, maintain a cleaner feeding environment, and eliminate trampling and sorting.

Bedding: The BP1166 provides unsoiled, dry bedding that helps reduce the risk of contaminants to your herd – perfect for keeping udders clean, while helping to preserve the health of your calves.

Erosion Control: The BP1166 lets you spread mulch straw quickly and easily to control erosion on roadsides, hills, and around ditches. With up to 50 feet discharge, you'll reduce your time on the job site, saving on labor costs.

The Frontier Bale Processor is sold and supported by John Deere, the most trusted name in farm, ranch and lawn equipment. Talk to your local John Deere dealer, your exclusive source of Frontier Equipment for more information on the Frontier Bale Processor.

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The BP1166 Bale Processor is ideal for farmers and ranchers with 65-155 PTO HP tractors. The BP1166 folds to a compact 6-foot 5-inch transport height. Process bales up to 5-feet 6-inches long by 6-feet 6-inches in diameter and up to 1,500 pounds. That's the versatility you need to work with all types of bales.



The BP1166 distributes even windrows so each animal receives an equal ration. Your animals experience less stress, helping to improve the condition and value of your herd.

bedding, and easier erosion control.

Details – Frontier Bale Processor



The bale conveyor offers superior traction when rotating tough, thick bales. Adjustable slug bars determine the aggressiveness of the rotor flails by varying the depth of cut – providing the necessary processing speed for your needs. Rugged 7/16 inch-thick rotor flails shred the bale and tosses the hay or straw into the deflector shield.



Two hydraulic tilt cylinders help position the shredder chamber for quick and easy bale pickup.



The BP1166 is equipped with two 9.5-inch by 14-inch 8-ply rotating castor wheels for greater maneuverability in and around tight areas. Plus, they provide a smooth ride over uneven ground and rough terrain.



Frontier BP1166 is Category 2 and 3 Quick Coupler-compatible for fast hookups. Semi-mounted on your tractor's 3-point hitch, the Bale Processor stays in a locked position when turning the tractor. This allows for better maneuverability when backing up or positioning the processor. Also, the BP1166 transfers approximately 55% of its weight to your tractor, keeping the weight off the implement and increasing stability.



Large shredder chamber reduces spillage and allows you to stretch your hay farther, reducing labor costs and saving time in your workday – a definite advantage in the cold, winter months.



Self-loading unit includes powerful bale loader to pick up forage and place into the shredder chamber. It's a quick and easy one-person operation.



Six-position deflector shield is manually adjusted for easy hay and straw distribution. With a 120-degree range, the deflector shield can be shifted up or down to adapt to your needs. High positioning is ideal for bedding or erosion control with a discharge of up to 50 feet. Mid placement lets you drop hay cleanly into a bunk. An optional wide deflector belt makes this task a breeze. And low positioning is perfect to create uniform windrows for feeding animals.



The Frontier Bale Processor has a hydraulic motor with a flow control valve to increase or decrease bale rotation speed. This feature helps manage how coarse or fine the processed forage is cut. Decrease the speed with dense bales to allow more time to process. When using lighter bales, increase the speed to dispense feed quickly.