

New Holland BB-A Series Big Balers

BB940A BB960A



NEW HOLLAND



Dense, great-looking bales that stay that way

BB-A Series models make bales to your exact specification every time.

BB-A Series balers deliver consistent, high-density bales that are tied securely and made to your exact specification every time. The New Holland precompression system and automatic density control system create bales with the precise density, length and the number of “flakes” that you choose.

For bales that are even more dense and heavy, choose a model equipped with one of two available New Holland CropCutter® systems. These systems slice crop as it enters the baler, allowing crop to pack more tightly—and later, break apart and mix more easily.

Built to last—the bales and the baler

The bales that emerge from BB-A Series balers will stand up to rigorous handling and transport. BB-A Series balers also stand up to the test of time, performing reliably season after season, in any crop—hay, straw or silage.





The InfoView® baler control system provides information with the touch of a button and automatically maintains bale density regardless of moisture and crop conditions

MODEL	Tractor Requirement	Bale Width	Bale Height	Bale Length (Maximum)	Bale Weight (Maximum)	Length of Cut
BB940A	107 PTO hp	31.5"	35.4"	98.4"	1,125 lbs.	N/A
BB940A CropCutter® Packer Cutter	110 PTO hp	31.5"	35.4"	98.4"	1,300 lbs.	Min. 4.5"
BB940A CropCutter® Rotor Cutter	130 PTO hp	31.5"	35.4"	98.4"	1,300 lbs.	Min. 1.6"
BB960A	125 PTO hp	47.2"	35.4"	98.4"	1,500 lbs.	N/A
BB960A CropCutter® Rotor Cutter	150 PTO hp	47.2"	35.4"	98.4"	1,800 lbs.	Min. 1.6"



Durable and convenient by design

Heavy-duty construction and easy-maintenance features ensure reliable performance.

An in-cab printer allows you to prepare reports and invoices on the spot. Alphanumeric keypad entry on the InfoView® system allows you to track and remember details for each field or customer.



Large-diameter flywheel clutch provides reliable performance.

Standard automatic greasing system is operated by the InfoView® system and reduces downtime.

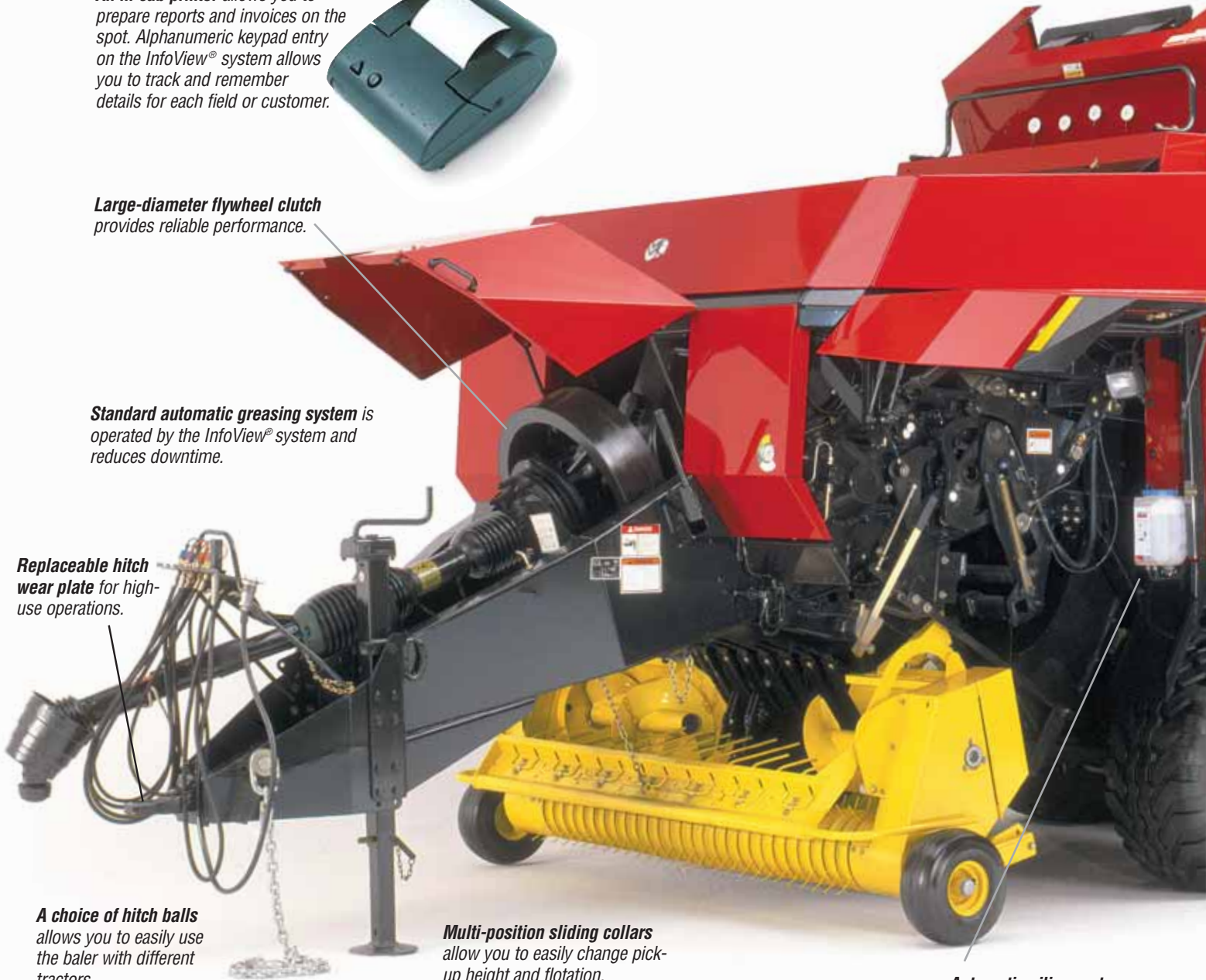
Replaceable hitch wear plate for high-use operations.

A choice of hitch balls allows you to easily use the baler with different tractors.

Multi-position sliding collars allow you to easily change pick-up height and flotation.

Shuttle feeder is totally cam-controlled for smooth, incredibly quiet operation.

Automatic oiling system uses a large five-liter reservoir for fewer fill-ups. It is controlled by the InfoView® monitor.





Bale length metering wheel is located in the center to get a more concise bale length which prevents twine damage.

Knottter access ladder provides convenient route for servicing.

Extended twine boxes maximize twine ball capacity, holding 15 balls on each side of the baler.

The standard Bale-Eject® system allows you to easily eject the last bale of the field from the side of the baler.

Heavy-duty rear bumper bar prevents accidental baler damage.

Two large storage compartments — one on each side of the baler — are sealed from dust and can be locked and provide convenient storage of twine and tools.

Optional Auto-Steer™ tandem axle assures a smooth ride in rough fields. Rear wheels self-steer during sharp turns for less ground and crop damage.



Gas struts assist with the folding of the bale plate chute. The roller bale chute (shown) folds hydraulically for secure transport.



Rugged plunger is built from the highest quality steel and driven directly from the main gearbox. It delivers 42 strokes per minute with a stroke length of nearly 28 inches for maximum baling performance.

Driveline protection at every step

Drives	Protection
Main	Overrunning slip clutch with shearbolt
Pickup	Slip clutch and overrunning clutch
Feeder	Slip clutch
Knottters	Shearbolt
Stuffer fork	Shearbolt
Rotor cutter feeder	Reset cut-out clutch

Consistent bale density

Precompression feeding system assures precise bale information.

No matter what the crop, BB940A and BB960A Big Balers deliver uniform bales with the density that you set. New Holland's precompression feeding system charges the bale chamber only when the feeding chamber is full, to put more hay behind every plunger stroke. This perfect filling of the bale chamber results in dense, well-shaped bales of consistent length and an equal number of "slices."

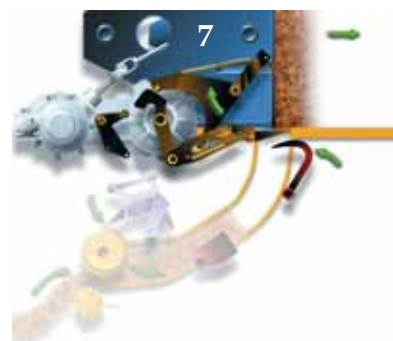
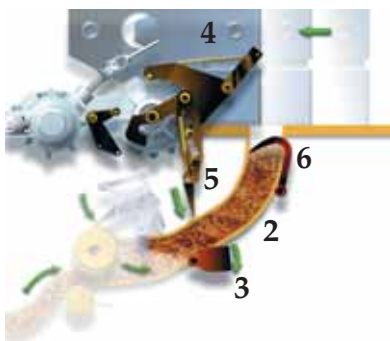
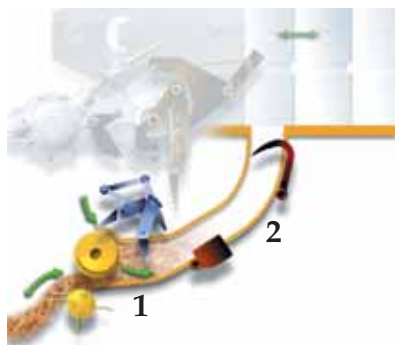
Here's how it works

The packer (shown) or rotor assembly (1) continuously moves the crop from the pickup to the crescent-

shaped precompression chamber (2). As crop is pushed in, the material is mixed and partially compressed into a "slice" or "flake."

When the density of the material in the new "slice" reaches the desired level, the sensor plates (3) trip and the stuffer cycle begins. The plunger (4) begins to move to its forward position. Stuffer forks (5) enter the crop at the bottom of the feeding chamber and push it upward. At the same time, the holding fingers (6) are automatically withdrawn. With the plunger now at the front of the baler, the stuffer pushes the crop into the

bale chamber. Notice how the stuffer fork's pivot point moves down halfway through its stroke, adding more force to fully deliver the "slice" into the bale chamber — a distinct benefit in high-moisture crop. The shuttle feeder (7) assures positive delivery of each slice — even in high-moisture crop and at higher density settings. The plunger, operating at 42 strokes per minute, pushes the crop down the bale chamber, compressing it into a bale. The stuffer forks and the holding fingers are then reset, ready for the sensor plates to trip once again.



Crop from the feeder is pushed into the crescent-shaped precompression chamber where the material is compressed into a "slice" of preset density.



This spring-loaded handle allows you to adjust (without tools) bale shape and density by changing the amount of hay compressed into each slice delivered into the bale chamber. This is a time-saver when changing crops.



Adjusting the pickup is easier than ever. Sliding collars and retaining pins allow you to change flotation and height without tools or limiting chains. And, you can adjust windguard height with one chain located on the left-hand side.

If you grew it and cut it, the New Holland Super Sweep™ pickup will find it.

Super Sweep™ pickups use close tine spacing to grab all of your crop—even the short, fine hay other pickups miss.

The curved tine guards, plate-type windguard and pneumatic gauge wheels allow you to sweep uneven fields clean at high speed. You'll even catch the edges of the widest swaths and windrows thanks to the generous

working width. And, these pickups are fully adjustable, allowing you to easily change the height and flotation range to match your needs.



Fingertip control

InfoView® system gives you complete control of bale formation and baler operations.

The InfoView™ baler control system is the most comprehensive monitoring system in the industry. And, the system is so easy to work with, even first-time operators are comfortable with its easy-to-use format.

Maintains density regardless of moisture and crop conditions

With the InfoView system, you simply select the desired bale density and automatic density control does the rest. The system constantly monitors plunger load through a load sensor pin and linkage on top of the main gearbox. When plunger loads change due to windrow size or crop moisture, the system automatically



adjusts the hydraulic pressure exerted to the top and sides of each bale. The result? You get bales of uniform density, shape and weight. You select bale density on a relative load scale from zero to 100, with 100 corresponding to the maximum load limit determined by design. You can manually adjust the density pressure by using the "+" and "-" keys on the InfoView monitor. The baler can be operated in a purely manual mode without the InfoView system so that baling can continue without the electrical system if necessary. No other baler has this capability.

More information and control

The InfoView system monitors the complete bale-making process and gives you complete control over baler func-

adjusts the hydraulic pressure exerted to the top and sides of each bale. The result? You get bales of uniform density, shape



tions. You can monitor the number of flakes per bale, adjust the density setting, check the CropCutter® system if so equipped, engage the knotter fans and engage or monitor the automatic greasing and oiling system. You can also access service history and the time, date and bale counts of the last 10 records. Plus, with the optional printer, you can print out a ticket with the bale count and customer name.

The system also keeps you informed. You are notified when a bale is dropped (roller chute only), and you are informed each time a knotter cycle starts. Sensors register the movement of each individual twine to provide

earliest possible warning of a mis-tie. Self-diagnostic software helps the InfoView system to constantly scan the system to assure proper operation and warn you of any problems.



The self-contained hydraulic system is electronically controlled, supplying oil to two hydraulic cylinders at the back of the baler that apply pressure to three moveable rails on the top and both sides of the bale case.



Ultra-dense CropCutter® bales

Bales are easier for you to feed or mix, and easier for livestock to digest.

Equip your BB-A baler with one of two optional New Holland CropCutter® systems and you'll produce bales that are more dense and heavy. The crop is sliced as it's fed into the baler, producing a shorter particle length which allows crop to pack more tightly into the bale. More crop per bale means fewer bales to handle.



Your cattle will thank you

The smaller particle length of CropCutter® bales also make them easier for livestock to eat and digest—leading to increased milk production and increased weight gain. CropCutter bales are also easier for you to break apart and feed, and easier to mix as part of a Total Mixed Ration system. Straw bales are easier to spread for bedding and provide improved absorbency.

Better-quality silage

If you bale silage, smaller particle length means better fermentation and better feed quality since there's less air in the bale. This consistent short cut allows for maximum crop compaction.

Less air is permitted in the bale, boosting anaerobic bacteria and good fermentation.



Choose the system that works best for you

Rotor Cutter® Feeding System
Available on BB940A and BB960A

A massive rotor with a "W" pattern moves crop from the pickup



and through a bank of knives into the precompression chamber. The rotor blades on the “W” pattern rotor are positioned so that the cutting force is divided equally over both rotor halves to improve cutting efficiency and reduce the power required. The design also distributes the cut crop more evenly in the precompression chamber. A maximum of 33 knives on the BB960A and 23 knives on the BB940A deliver a theoretical cut length of 1.5 inches (39mm) for excellent silage compaction.

You can easily change from cut to uncut bales right from the tractor seat. Knives slide out the left-hand side of the baler easily, allowing you to inspect, sharpen or change the number of knives. There’s no need to crawl under the baler as other manufacturers require.



Rotor cutter knives are held in this knife drawer. It conveniently slides out for simple knife inspection, sharpening or changing.

Packer Cutter System Available on BB940A only

The BB940A can be equipped with an economical packer cutter. It uses three packer forks with a total of six double tines to feed crop into the precompression chamber through a set of serrated knives. By using from two to six knives, you can achieve a crop length from 4.5 to 10.5 inches. You move the knives in and out of cutting position hydraulically from your tractor seat, and can monitor their position on the InfoView® monitor.



The fill-flow floor — a CropCutter™ baler exclusive — features plastic floor extension strips to reduce friction and grooves for the stuffer fingers to follow, resulting in smoother feeding in high-moisture conditions, better top filling and reduced load on the stuffer fingers.



Secure double-knot tying

Twine placement produces square-end bales for easier stacking and transport.

The industry's densest bales demand the most secure tying. Six double knotters on the BB960A and four on the BB940A assure that New Holland bales retain their excellent appearance and withstand repeated handling. The New Holland system places twine closer to the edge of the bale—over an inch closer than other brand balers—to ensure better bale appearance and stacking.



A constant flow of air from knotter fans — two on the BB940A and three on the BB960A — keeps the tying area clear of dust, chaff and twine tails to help prevent mis-ties. You control them through the InfoView® monitor

twine from both upper and lower positions without stress on the knotters. When the bale reaches the length you have set — from 48 to 98 inches — a trip arm engages the knotter clutch, needles bring the lower twine up to the knotter and the tying process begins. Two knots are tied consecutively. The first knot completes the finished bale and the second knot ties together the upper and lower twines for the start of the next bale.



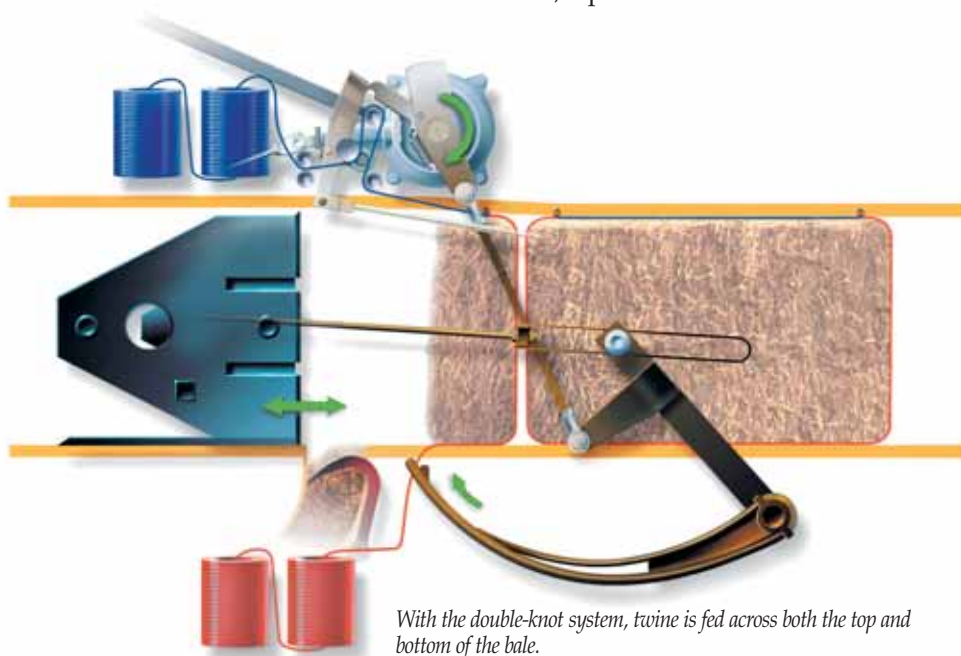
Four knotters on the BB940A and six on the BB960A are driven by a fully enclosed gearbox to ensure positive tying and a long working life.

Heavy-duty double knotters

New Holland Big Balers tie bales without a miss. With the double-knotter system, twine is fed across the top and the bottom of the bale. It doesn't have to slide between the bales in the chamber, which can lead to twine being pulled out of the twine holder in difficult conditions. As the bale moves down the bale chamber, it pulls the



Large twine boxes allow both the BB940A and BB960A to carry 30 balls of twine — plenty for a full day of baling



With the double-knot system, twine is fed across both the top and bottom of the bale.



Simple greasing and chain oiling

Easy maintenance saves you time and money.

When you invest in a New Holland Big Baler, you spend more productive time in the field because maintenance is fast and easy. Large "gull-wing" side shields lift up and are supported by gas struts to provide total access to all maintenance areas. Sight glasses make it easy to check oil levels. Sight glasses are provided for the density system hydraulic oil tank, the main sealed gearbox, as well as the sealed gearboxes for the knotters and stuffers.

Automatic chain oiling

All of the chains used to drive the feeder, rotor cutter and pickup components are lubricated by an automatic oiling system. You set the oil volume with the InfoView® monitor. Each chain is oiled by a wire brush applicator, fed by a small line.

Standard automatic greasing system

A centralized automatic greasing system supplies a metered amount of

grease from a master dispenser to the blocks at an interval you set on the InfoView monitor. Five central grease blocks distribute grease to most points that require daily lubrication, including the knotters.

Large lift-up shields are supported by gas struts and provide total access to all maintenance areas.





The automatic chain oiling system uses this large, five-liter reservoir to reduce fill-ups.



Two large storage containers—one on each side of the baler—are sealed from dust and can be locked, providing convenient storage for twine and tools.



A standard, automatic greasing system supplies grease from this master dispenser to the five grease blocks.



A knotted access ladder provides a convenient route for servicing (optional Rotor Cutter shown).

Fifty-hour interval greasing of the main PTO driveline is best-in-class.

Travel fast in the field or on the road

Time-saving features keep you on the move.

New Holland Big Balers provide you with impressive flexibility. You can equip your baler to match your specific needs.

Plate or roller bale chute

Choose the bale chute that best matches your operating conditions. The plate bale chute works best when baling in dry hay or straw. It folds out of the way easily with the assistance of gas struts. The roller bale chute offers better performance when baling damper material or silage hay. A series of rollers are mounted on bearings that turn freely to allow bale movement. The roller bale chute folds out of the way



Bale-Eject® system allows you to easily eject the last bale of the day.



Gas struts assist with the folding of the bale chute. The roller bale chute (shown) folds hydraulically and is automatically secured for transport

hydraulically and is automatically secured in a safe position for road travel.

Standard Bale-Eject® system

The Bale-Eject® system eliminates time-consuming manual removal of bales. On all models, you quickly eject the last bale using hydraulic controls at the side of the baler. Three-way bale chamber relief during bale ejection assures easy removal of even heavy silage bales from the bale chamber.



Auto-Steer™ tandem axle allows you to lock the rear wheels for transport and unlock them from the tractor cab to make sharper turns without tire scuffing and field damage.

Auto-Steer™ tandem axle option

For a smoother ride in the field and transporting without tire hop, equip your BB940A or BB960A with a tandem Auto-Steer™ axle. The spring-mounted tandem axle uses heavy-duty leaf springs to assure a smooth ride in rough field conditions or at high transport speeds. Auto-Steer allows the rear tires to automatically self-steer. During field operation, the rear tires caster, minimizing tire scuffing and damage to plant crowns. For transport and backing, the rear tires are hydraulically locked in the straight position right from the tractor cab.





Specifications

	BB940A Standard	BB940A Packer Cutter	BB940A Rotor Cutter	BB960A Standard	BB960A Rotor Cutter
Approximate Bale Dimensions					
Width	31.5 in (800 mm)	31.5 in (800 mm)	31.5 in (800 mm)	47.3 in (1200 mm)	47.3 in (1200 mm)
Height	35.4 in (900 mm)	35.4 in (900 mm)	35.4 in (900 mm)	35.4 in (900 mm)	35.4 in (900 mm)
Length, maximum	98.4 in (2500 mm)	98.4 in (2500 mm)	98.4 in (2500 mm)	98.4 in (2500 mm)	98.4 in (2500 mm)
Length, minimum	47.2 in (1199 mm)	47.2 in (1199 mm)	47.2 in (1199 mm)	47.2 in (1199 mm)	47.2 in (1199 mm)
Main drive					
Gearbox Enclosed triple reduction gears with oil bath				
Protection Shearbolt, overrunning clutch and slip clutch				
Pickup					
Operating width	78.1 in (1982 mm)	78.1 in (1982 mm)	78.1 in (1982 mm)	88.4 in (2246 mm)	94.5 in (2400 mm)
Width at external tires	70.18 in (1782 mm)	70.18 in (1782 mm)	70.18 in (1782 mm)	80.5 in (2046 mm)	86.5 in (2200 mm)
Diameter (on guards)	10.5 in (267 mm)	10.5 in (267 mm)	12.9 in (329 mm)	10.5 in (267 mm)	12.9 in (329 mm)
Number of tines	56 double (112)	56 double (112)	56 double (112)	64 double (128)	68 double (136)
Tine spacing	2.5 in (66 mm)	2.5 in (66 mm)	2.5 in (66 mm)	2.5 in (66 mm)	2.5 in (66 mm)
Number of tine bars	4	4	4	4	4
Protection	Slip and overrunning clutch	Slip and overrunning clutch	Slip and overrunning clutch	Slip and overrunning clutch	Slip and overrunning clutch
Gauge wheels	15x6.00-6-4pr	15x6.00-6-4pr	15x6.00-6-4pr	15x6.00-6-4pr	15x6.00-6-4pr
Pickup lift (standard)	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Pickup flotation	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring
Feeder					
Packer/Rotor	Packer: 2 forks, 6 single tines	Packer: 3 forks, 6 double tines	Rotor: width 38.3 in (972 mm)	Packer: 3 forks, 9 single tines	Rotor: width 53.7 in (1356 mm)
Packer/Rotor rotation speed	168 rpm	168 rpm	86 rpm	168 rpm	86 rpm
Protection	Slip clutch	Slip clutch	Cut-out clutch	Slip clutch	Cut-out clutch
Pre-Cutting System					
Maximum number of knives	NA	6	23	NA	33
Knife distance	NA	4.5 in (114 mm)	1.5 in (39 mm)	NA	1.5 in (39 mm)
Knife protection	NA	Individual springs	Individual springs	NA	Individual springs
Pre-Compression Chamber					
Stuffer	Fork-type with 4 tines	Fork-type with 6 tines	Fork-type with 4 tines	Fork-type with 6 tines	Fork-type with 6 tines
Width	31.5 in (800 mm)	31.5 in (800 mm)	31.5 in (800 mm)	46.6 in (1184 mm)	46.6 in (1184 mm)
Speed	up to 42 cycles per min.	up to 42 cycles per min.	up to 42 cycles per min.	up to 42 cycles per min.	up to 42 cycles per min.
Stuffer protection	Shearbolt	Shearbolt	Shearbolt	Shearbolt	Shearbolt
Bale Chamber and Plunger					
Plunger speed	42 strokes/min	42 strokes/min	42 strokes/min	42 strokes/min	42 strokes/min
Length of stroke	27.9 in (710 mm)	27.9 in (710 mm)	27.9 in (710 mm)	27.9 in (710 mm)	27.9 in (710 mm)
Bale Density					
Control and adjustment	... Electro-hydraulic or hydraulic from the tractor seat with InfoView® monitor or manual density valve adjustment ...				
Bale pressing Three-way. Two pivotable side panels and pivotable top panel				

	BB940A Standard	BB940A Packer Cutter	BB940A Rotor Cutter	BB960A Standard	BB960A Rotor Cutter
Tying Mechanism					
Knotters	Four double-knot type	Four double-knot type	Four double-knot type	Six double-knot type	Six double-knot type
Twine spacing	6.75 in (172 mm)	6.75 in (172 mm)	6.75 in (172 mm)	7 in (180 mm)	7 in (180 mm)
Twine ball capacity	30 balls	30 balls	30 balls	30 balls	30 balls
Twine type Heavy-duty plastic or heavy-duty sisal				
Performance indicators InfoView® monitor (audio and visual) and monitoring flags				
Tires					
Units with single axle	600/55x22.5,12pr	600/55x22.5,12pr	600/55x22.5,12pr	700/45x22.5,12pr	700/45x22.5,12pr
Units with tandem axle	500/50x17,10pr	500/50x17,10pr	500/50x17,10pr	500/50x17,10pr	500/50x17,10pr
Tractor Requirements					
Minimum tractor power	107 hp (75 kW)	110 hp (80 kW)	130 hp (95 kW)	125 hp (90 kW)	150 hp (110 kW)
Minimum weight	13,228 lb (6,000 kg)	13,228 lb (6,000 kg)	13,228 lb (6,000 kg)	15,433 lb (7,000 kg)	15,433 lb (7,000 kg)
Hydraulics	2 valves	3 valves	3 valves	2 valves	3 valves
Dimensions					
Length with bale chute closed	284.5 in (7230 mm)	284.5 in (7230 mm)	299.25 in (7600 mm)	284.5 in (7230 mm)	299.25 in (7600 mm)
Width, single tires	101.75 in (2580 mm)	101.75 in (2580 mm)	101.75 in (2580 mm)	126 in (3200 mm)	126 in (3200 mm)
Width, tandem tires	99.25 in (2520 mm)	99.25 in (2520 mm)	99.25 in (2520 mm)	114.25 in (2900 mm)	114.25 in (2900 mm)
Height, single axle	122.25 in (3100 mm)	122.25 in (3100 mm)	126 in (3200 mm)	122.25 in (3100 mm)	126 in (3200 mm)
Height, tandem axle	120.125 in (3050 mm)	120.125 in (3050 mm)	124 in (3150 mm)	120.125 in (3050 mm)	124 in (3150 mm)
Weight (base unit with Bale-Eject system, roller bale chute, baler empty)					
Units with single axle	15035 lbs (6820 kg)	15807 lbs (7170 kg)	17240 lbs (7820 kg)	17019 lbs (7720 kg)	19466 lbs (8830 kg)
Units with Auto-Steer tandem axle	16358 lbs (7420 kg)	17129 lbs (7770 kg)	18563 lbs(8420 kg)	18342 lbs (8320 kg)	20789 lbs (9430 kg)

OPTIONS AND ACCESSORIES

- Roller bale chute
- CropSaver™ liquid preservative
- Hardened knives
- Accumulator
- Rotating beacon light



You'll find it at the blue and white sign.



Globally, we're a valued leader in innovative agricultural and construction equipment and a wide range of financial services.

Locally, we're your trusted New Holland dealer — the specialist at the blue and white sign who's always there with the equipment, parts, service and financing you and your operation need.

Together, we're working to deliver the best value in today's dynamic world economy.

With productive equipment. You won't find a more complete and modern line of tractors, haytools, combines and crop production equipment — with a wider selection of models offering the latest performance, convenience and comfort features — than at your New Holland dealer.

With quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts to keep you working productively.

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ing capital and protect

Financing provided by
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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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