

RF SERIES FIXED CHAMBER ROUND BALERS

RF440 Utility | RF450 Utility | RF450 SuperFeed™



Modern productivity. Proven simplicity. Introducing the NEW RF Series.

RF Series balers are simple, tough, affordable and easy to use, ensuring you can create quality bales in a wide range of conditions. These new balers are the perfect choice for owner operators, sundowners, and rural lifestylers, and a great alternative to a more premium variable-chamber silage machine.



Wide and hungry pickup to suit your swath needs

New Holland RF Utility balers feature a 2.0-meter pickup, while the RF450 SuperFeed™ pickup is 2.25 meters wide. These extra-wide pickups easily handle larger swaths and are ideal for consuming large windrows.



More tines for a clean sweep

Close tine spacing across the full width of the pickup is critical to ensuring the swath is lifted and fed evenly into the bale chamber. The 2.25-meter pickup on the RF450 SuperFeed™ has 27 tines per bar, for a total of 108 pickup tines for a clean sweep in all working conditions. Each pickup is equipped with two stub augers to create well-packed bale edges.

Four tine bars

The pickup is key to baler performance. The four-tine-bar design was developed specifically to match the performance of the baler, ensuring a smooth flow of material into the bale chamber without the risk of drawing soil and stones into the bale.



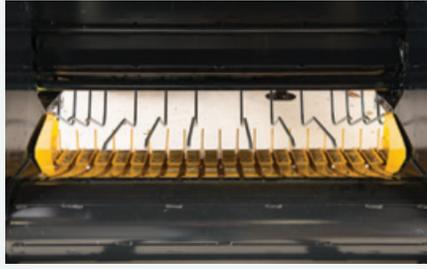
Windguard stuffer feeder for smoother flow

- The simple, proven windguard feeder helps to both flatten and contain the swath as it enters the bale chamber
- It's easy to see the windguard stuffer from the tractor so you can view material as it feeds into the baler
- Select from two operational modes – floating or fixed – to optimize crop swath flow



Non-stop productivity*

On the RF450 SuperFeed baler, a radial pin slip clutch protects the pickup drive. If a blockage occurs, the clutch opens to protect the drive, but automatically resets as additional material is drawn into the bale chamber. For added protection, a shear bolt is also fitted, and the PTO intake shaft on all models has slip clutch protection.



Large feed opening

The bale chamber feed opening is the full bale width, with a generous clearance between the front of the bale chamber and floor roll to allow for large swaths. Taller and bulky swaths are first compressed by the feed rake, with the large feed opening ensuring bulky material can pass freely into the chamber.



Rubber pickup wheels

Pneumatic rubber pickup wheels provide excellent ground following for smooth crop gathering.



Robust tine bar bushings

The tine bars are mounted in robust bushings and are designed to have a long service life with no need for maintenance. When the bushings are worn, you can quickly and easily replace them, reducing costs and downtime.



Hydraulic coupling

Two hydraulic remotes, one for the pickup and one for the tailgate, are all that is required. RF Utility balers were purposely developed for smaller, lower-specification tractors, with minimal power and hydraulic flow requirements.



Simple pickup suspension

A single, easily adjustable spring is used to set the pickup suspension on RF400 Utility models.



Easy hookup

The standard hitch pin with handle and PTO support makes hookup and unhooking a breeze.



Rotor feeder*

The standard 2.25-meter pickup with rotor feeder actively feeds material into the bale chamber on RF450 SuperFeed models. To ensure smooth feeding, the rotor tines are mounted in a spiral pattern. The rotor drive is shearbolt-protected for your peace of mind.



Larger swaths? No problem

With its wide standard pickup and powered rotor feeder, RF450 SuperFeed balers are able to tackle larger swaths at higher speed. This added productivity makes these models a good choice for mixed farm and contract operators, particularly where ease of operation and rugged construction are important.

*Photos shown in European paint scheme.

RF Utility models. Budget price, excellent performance.

RF440 Utility and RF450 Utility models produce 4x4 and 4x5 bales respectively. The RF440 Utility chamber uses one floor roll, while the RF450 Utility has two floor rolls, and both models feature a chain and slat system to form the bale. You set bale density manually using a simple color-coded system. A warning alarm alerts you when the bale is formed, and the twine or net wrap process starts automatically. When the completed bale is released, power to the baler forming chain automatically disconnects as the tailgate is opened.

RF450 SuperFeed™ models have a different 4x5 bale chamber design with seven rolls and a 29-slat chain. The bale width is the same at four feet, but the diameter is increased to five feet. RF450 SuperFeed models are designed to produce a more dense, heavy bale including silage bales with moisture up to 80%.



Sure-start bale formation

- The floor rolls on RF Utility models are ribbed to help ensure material passed into the chamber by the stuffer fork is efficiently drawn into the baler.
- The chain and slat system quickly tumbles the material to start the baling process.
- As the bale forms, the chains and slats shape the bale, increasing pressure on incoming material to form a lower density core, ideal for feeding and bedding, while applying maximum density on the outside third of the bale which contains the most hay, forming a dense water repelling shell.



Tough conditions? Get a positive start

As material enters the bale chamber, it is forced to tumble and start to roll by the combined action of the ribbed floor rolls and the revolving slats. In tough conditions, the design of the bale chamber ensures this process operates reliably, ensuring consistent bale formation, even when the swath is uneven or wet, sticky or both.

More slats for a consistent bale

A key design feature of the RF Utility balers is the close spacing between each slat. The RF440 Utility model has 34 slats, and the RF450 Utility has 41. More slats ensure efficient compression of incoming material throughout the formation of the bale for consistent density.



Simple driveline, with automatic chain lube (standard on RF SuperFeed, optional on RF Utility models)

Vertically hinged side panels provide easy access to the rugged, simple and efficient driveline. The six main drive chains on RF Utility models have automatic lubrication with an easy-to-adjust tension system, so you spend more time baling, less time maintaining.



Simple bale ejector

The simple bale ejector provides a spring-loaded guide to ease the bale to the ground to protect net wrap from damage.



Mechanical tailgate lock

A pair of mechanical hooks lock the tailgate shut. The Auto-Wrap™ system monitors the pressure on the hooks and alerts the operator when the bale is fully formed.



Choose between three density settings

RF balers feature a simple, mechanical bale density system operated via a lever on the front of the baler. Choose between three settings:

- Green setting for a less dense bale
- Yellow setting for an intermediate bale density
- Red produces the densest bale

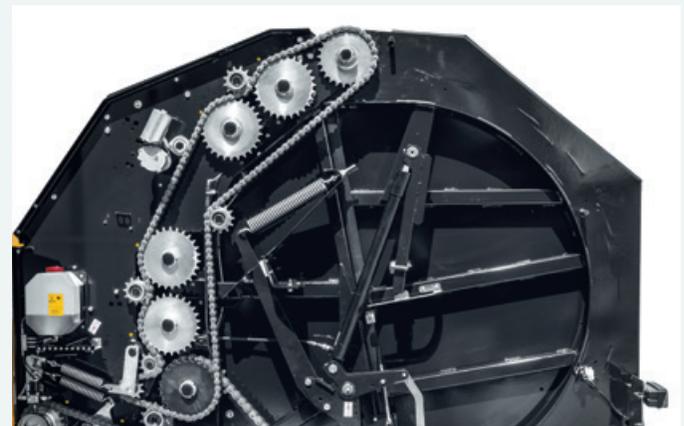
RF450 SuperFeed™. Designed to handle tough baling conditions.

There are more differences between RF450 SuperFeed™ and RF Utility models than the rotor feed system. The bale chamber is a different design. The RF450 SuperFeed uses seven floor rolls and a 29-bar chain and slat system. Specifically developed to handle a heavy, wet, dense bale, the chamber ensures the RF450 SuperFeed copes with the toughest of working environments without sacrificing design simplicity and easy operation.



Built for hard work – dry or wet

There are occasions when a baler is worked in very demanding conditions. This can include working dry, short material and hard-to-bale, long-stalked crops like cornstalks or sudan grass and brittle straw, or at the other extreme wet, sticky silage crops. With its combination of seven floor rolls and 29-slat chain, a RF450 SuperFeed baler can form a bale from the most uneven swath. Thanks to its rugged build and tough floor roller bearings, these balers have the size and strength to cope with dense and heavy bales.



Easy to check. Easy to care for

As with the RF Utility models, the driveline on RF450 SuperFeed balers is easy to get to, with vertical hinged shielding. To ease maintenance, standard equipment includes seven main drive chains with automatic lubrication plus a bank of grease points to ensure all key bearings are easy to lubricate.

Net or twine.

When preparing a RF baler for work, it is the small details that make these machines so easy to use. You can specify your model with both twine and net, just twine or just net. In all cases, the simplified design makes adding new twine or net quick and easy, right from ground level. Add up to four spools of twine and two rolls of net wrap under an opening panel at the front of the baler. There are no special clips or fasteners to fiddle with – just follow simple installation settings and you are ready for work.



Auto-Wrap™ system:

When the bale is fully formed, the Auto-Wrap™ monitor alerts you with an audible signal, then initiates the twine or net wrap process automatically. The digital readout displays total and daily bale counts.

Models		RF440 Utility	RF450 Utility	RF450 SuperFeed™
Bale size				
Bale diameter	in. (cm)	47 (120)	59 (150)	59 (155)
Bale width	in. (cm)	47 (120)	47 (120)	47 (120)
Pickup				
Width (DIN)	in. (m)	78.7 (2.0)	78.7 (2.0)	88.6 (2.25)
Number of tines / tine bars		92 / 4	92 / 4	108 / 4
Windguard		Tine rake	Tine rake	Tine rake / Plate
Number of pickup tines per row		23	23	23
Protection		Shearbolt	Shearbolt	Radial pin slipclutch
540-rpm PTO		●	●	●
Suspension		●	●	●
Pickup wheels		Pneumatic	Pneumatic	Pneumatic
Feeding				
Type	in. (mm)	Stuffer	Stuffer	18.5 (470) rotor feeder
Number of augers			2	2
Bale formation				
Type	strokes/min	48	48	48
Density system	in. (mm)	28 (710)	28 (710)	28 (710)
Number of rollers		1 formation roll & 34 bars	2 formation rolls & 41 bars	7 rolls & 29 bars
Wrapping				
Wrap material: twine / net / twine & net		● / ○ / ○	● / ○ / ○	● / ○ / ○
Twine ball capacity		4	4	4
Control		Auto-Wrap™ bale monitor	Auto-Wrap™ bale monitor	Auto-Wrap™ bale monitor
Spare roll capacity		1 active, 1 stored	1 active, 1 stored	1 active, 1 stored
Baler dimensions				
Length, includes bale ejector	in. (mm)	141 (3590)	152 (3860)	148 (3760)
Height	in. (mm)	79 (2000)	92.5 (2350)	96.5 (2450)
Adjustable Track width Min. / Max.	in. (cm)	74.4 / 80.7 (189 / 205)	74.4 / 80.7 (189 / 205)	74.4 / 80.7 (189 / 205)
Weight *	lbs (kg)	939 (2070)	1,084 (2390)	1,225 (2700)
Tires		18L x 16.1	18L x 16.1	18L x 16.1
Minimum PTO power	(hp)	40	50	85
Front access ladder		○	○	○
Bale kicker		○	○	○
Automatic lubrication		○	○	○

● Standard ○ Optional at extra cost – Not available * depending on specifications





VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

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Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

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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.