

ROLL-BELT™ 450
UTILITY ROUND BALER



CONTROL YOUR HAY QUALITY ON **YOUR** SCHEDULE.

Now you can bale on **your** schedule when crop and weather conditions are right—instead of being at the mercy of someone else's baling schedule. Even better, you get the legendary performance and the superior bale density of a genuine New Holland Roll-Belt™ round baler. The new Roll-Belt 450 utility baler makes it all possible.

The Roll-Belt 450 utility makes dense, good-looking 4'x5' round bales using a tractor with as little as 40 PTO horsepower, which saves fuel. The simple, compact baler design uses fewer moving parts so it's easy to maintain and provides the affordable, reliable baling performance you expect from New Holland.



SUPERSWEEP™ PICKUP FEEDS CROP EDGE TO EDGE

The wide, 61-inch SuperSweep™ pickup uses 72 curved spring steel tines that are 17% closer together than the leading competitor to gather all of your crop. Even when baling the heaviest windrows, the SuperSweep pickup, quick-release windguard, and open-throat design work together to feed the crop directly into the bale chamber. Optional pickup-mounted gathering wheels pull in windblown and bulky windrows, helping to feed crop edge-to-edge to create square-shouldered bales.



FAST CORE STARTS AND DENSE BALES

New Holland's proven combination of steel forming rolls, steel floor roll and Mini Rough Top belts forms a D-shaped chamber that gets the hay rolling quickly for fast, reliable core starts and helps you pack more hay into every bale. The belts are shorter so they track better and stretch less, reducing the need to resize. Well-formed, high-density bales hold their shape and stand up to the weather better. They're just plain easier to handle, transport and stack compared to softer bales. Plus, when you pack more crop into every bale, you save on wrapping and retrieval costs, use less fuel, reduce soil compaction and plant damage, improving regrowth.

CONVENIENCE AND CONTROL AT YOUR FINGERTIPS

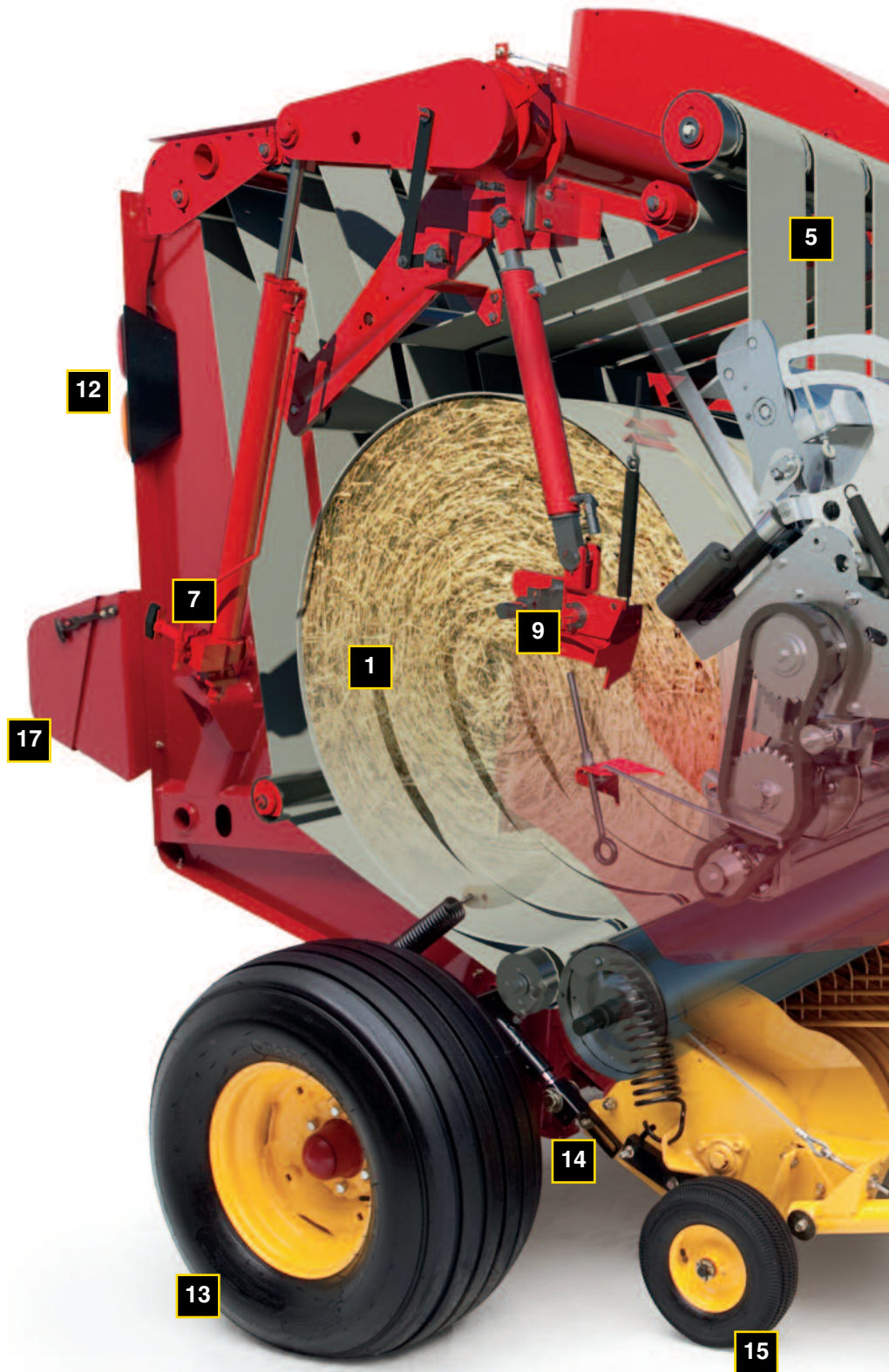
The Auto-Wrap™ II bale monitor provides automatic control of the wrapping cycle. A buzzer lets you know when it's time to tie off the bale and when the tailgate is properly latched. Select manual or automatic operation and adjust the preset number of wraps with the flip of a switch. Not ready for net just yet? Upgrade to standard net/twine at a later date for fast reliable bale net wrapping with a dealer-installed kit.



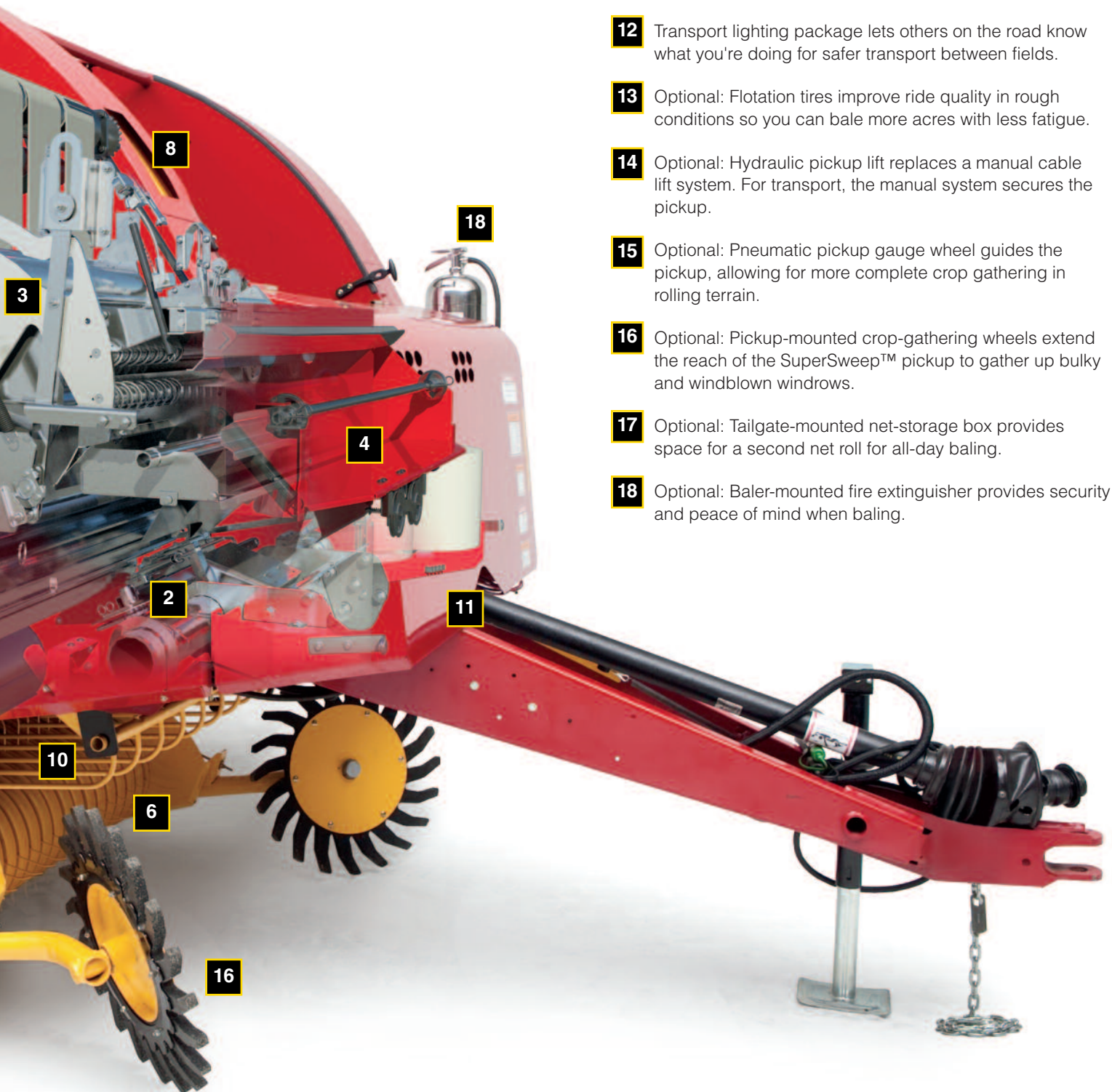
Auto-Wrap™ II bale monitor

UNDER THE SHEET METAL IS A BALER THAT'S SIMPLE AND

- 1** Roll-Belt™ bale chamber is designed to start cores in any crop and form perfectly shaped bales.
- 2** Single-pivot dual twine tubes place twine across the entire bale for reliable twine tying.
- 3** EdgeWrap™ net-wrapping produces weather-resistant bales fast so you finish baling sooner. The wrapper is wider than the bale chamber so you can wrap "over-the-edge" even with standard-width net.
- 4** Front-loading wrapping systems allow you to see the net and twine as it is wrapped onto the bale so you know each bale is properly wrapped every time.
- 5** Mini Rough Top belts provide a sure grip on the crop and maintain their friction surface without losing effectiveness as they age.
- 6** SuperSweep™ pickup gathers all your valuable crop so nothing is left behind.
- 7** Adjustable bale density control maintains a constant hydraulic pressure as the bale grows for a uniform bale every time.
- 8** Mechanical bale size indicator lets you know how far you have to bale. A buzzer informs you when it's time to wrap each bale.
- 9** Mechanical tailgate latch with sensor and buzzer lets you know the tailgate is latched for confident, all-day baling.
- 10** Quick-release windguard guides even bulky windrows into the baler, but gets out of the way fast when you need it to.



RELIABLE – AND IT'S **ALL** ROLL-BELT™.



11 A shear bolt protects the baler from costly failures and is quick and easy to replace so you're back baling fast.

12 Transport lighting package lets others on the road know what you're doing for safer transport between fields.

13 Optional: Flotation tires improve ride quality in rough conditions so you can bale more acres with less fatigue.

14 Optional: Hydraulic pickup lift replaces a manual cable lift system. For transport, the manual system secures the pickup.

15 Optional: Pneumatic pickup gauge wheel guides the pickup, allowing for more complete crop gathering in rolling terrain.

16 Optional: Pickup-mounted crop-gathering wheels extend the reach of the SuperSweep™ pickup to gather up bulky and windblown windrows.

17 Optional: Tailgate-mounted net-storage box provides space for a second net roll for all-day baling.

18 Optional: Baler-mounted fire extinguisher provides security and peace of mind when baling.



Bale Command™ II bale monitor

The Bale Command™ II bale monitor is used for the deluxe twine and deluxe net/twine configurations. It provides automatic and manual control of the wrapping cycle, as well as complete baler control, monitoring, and diagnostics. Bale fill indicators keep you on track while baling so you make the perfect bale every time. A buzzer lets you know when the bale is almost full, when it's time to wrap the bale, and when the tailgate is properly latched so you can bale with confidence all day long.



Single-pivot dual twine tube



DEPENDABLE TWINE AND FAST NET WRAPPING

Electrically activated single-pivot dual twine tubes provide accurate twine placement across the full width of the bale for efficient tying. If you reach the end of one ball you can still finish tying off a bale with the remaining ball by initiating a second tying cycle. The four-ball twine capacity keeps you baling so you spend more time baling and less time loading twine.

Finish baling sooner by speed wrapping your bales "over-the edge" in mere seconds with standard 48-inch or wide 51-inch net for maximum productivity. The net loads in the front of the baler where it's easy to see as the net is dispensed so you know the bale is wrapped every time. Unlike rear-load net systems where the net travels along the tailgate belts, the Roll-Belt 450 utility baler uses a duckbill to place net directly into the bale chamber for a positive application and more reliable wrapping. Starting a new net roll is quick and easy since the new easy-start net-notch eliminates tools and makes loading simple and convenient.



Front-Load Net



New EZ-NOTCH

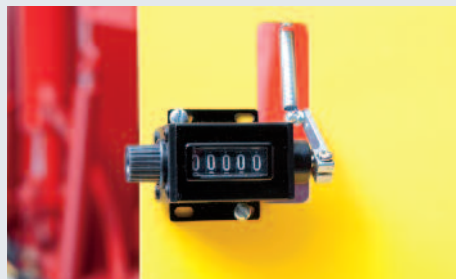
With dual twine and net capability, you can select the best wrapping option for the application with the push of a button. The Roll-Belt 450 utility net/twine baler offers a storage capacity of four twine balls and up to two rolls of net with the tailgate mounted net storage box accessory.

SPECIFICATIONS

ROLL-BELT™ 450 UTILITY ROUND BALER

Bale Size	
Diameter, in. (mm)	60.0 (1524)
Width, in. (mm)	46.5 (1182)
Weight - maximum, lbs. (kg)	1000 (455)
Baler Dimensions and Weight	
Overall width, in. (mm)	
with 11L - 14 tires	92 (2337)
with 31 x 13.5 - 15 tires	95 (2413)
Overall height, in. (mm)	
with 11L - 14 tires	98.8 (2510)
with 31 x 13.5 - 15 tires	99.6 (2530)
Overall length (hitch to tailgate), in. (mm)	164 (4172)
Basic weight (no optional kits installed), lbs. (kg)	3300 (1497)
Pickup	
Overall width, in. (mm)	61 (1554)
Width tine-to-tine, in. (mm)	44.7 (1134)
Tine spacing, in. (mm)	2.6 (67)
Tine bars	4
Number of tines	72
Reel diameter, in. (mm)	12.4 (315)
Bale Forming Chamber	
Floor roll diameter, in. (mm)	12 (310)
Forming rolls, qty./diameter, in. (mm)	3 rolls/10 (250)
Starter roll, in. (mm)	7 (170)
Belts	
Quantity	5
Width, in. (mm)	7.0 (178)
Length, in. (mm)	343.0 (8712)
Twine System	
Twine application	Single pivot, dual twine tubes
Twine control	Electronic
Twine storage capacity	4 twine balls
Net System	
Net application	No tools, net start duckbill
Net control	Electronic
Net storage capacity	1 standard, 2 optional
Bale Forming Indicators	
Bale size	Standard
Twine movement	Standard
Twine arm position	Standard
Bale counter	Optional
Tractor Requirements	
PTO hp (minimum), hp	40
PTO speed, rpm	540
PTO protection	Shearbolt
Hydraulic remote requirement (min)	1
with hydraulic pickup lift requires	2
Optional Equipment	
<ul style="list-style-type: none"> • Hydraulic pickup lift • Pickup gauge wheels • Mechanical bale counter (for Auto-Wrap II balers) • Spring loaded bale ramp 	<ul style="list-style-type: none"> • Pickup mounted crop gathering wheels • Roller scrapers • Fire extinguisher • Tire options

OPTIONAL: MECHANICAL BALE COUNTER (FOR AUTO-WRAP™ II BALERS)



The bale counter keeps track of your bales so you don't have to. It counts each time a bale is ejected so you know the number of bales produced.

OPTIONAL: SPRING LOADED BALE RAMP



The bale ramp guides the bale out of the chamber onto the ground and prevents the bale from rolling back, maintaining tailgate clearance.

OPTIONAL: 31 x 13.5 -15 FLOTATION TIRES



Larger flotation tires take the bumps out of baling in rough field conditions, improving the ride quality and reducing soil compaction.

OPTIONAL: CROP GATHERING WHEELS



Pickup-mounted crop gathering wheels extend the reach of the SuperSweep™ pickup, following the ground to gather up hay from bulky and windblown windrows. Gathering wheels help guide crop to the edges, helping to produce firmer bale edges.



Learn more at www.newholland.com/na

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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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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