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New Holland new Roll-Belt™ variable chamber round baler: up to 20% higher capacity and 5% denser bales

- New pick-up and feeder: up to 20% higher capacity
- Customised feeding: SuperFeed™ and CropCutter™ rotor options
- DropFloor technology: preventing blockages impacting productivity
- Never ending super wide belts: reduced losses and improved bale formation
- Dual hydraulic density system: increase density by up to 5%
- Improved net and twine wrapping flexibility and performance
- ISOBUS compatibility
- Distinctive styling enhances serviceability and safety
- Floatation tyres reduce compaction and enhance road transport comfort

The New Holland all-new Roll-Belt™ variable chamber round balers replace the BR7000 and deliver capacity increases of up to 20% when compared to the BR7000. Available in 1.5 and 1.8 metre bale diameters, it will become the default choice for large livestock operations together with cooperatives and straw, hay and forage contractors. New Holland, a pioneer in round baling technology, has produced over 225,000 variable chamber round balers, testament to their unrivalled performance and popularity amongst the world's farmers.

“The Roll-Belt baler enables operations to specify the baler that suits their needs. The standard rotor SuperFeed and professional CropCutter variants enable tailored baling.” Stated Bob Hatz, Head of Hay and Forage Product Management. “The all new pick-up, dual density system and endless belt design will deliver significant productivity gains.”

New pick-up and feeder: up to 20% higher capacity

The pick-up has been completely redesigned to boost capacity by up to 20% in silage. Operations can choose between 1.8 and 2 metre configurations. The standard four tine bar pick-up is perfect for straw. The heavy-duty, five solid tine bar pick-up, with reinforced rubber tines, which are 10% stiffer laterally and last five times longer, maintain pick-up performance in difficult, uneven and stony terrain and will become the default choice for silage operations.

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The new optional feed assist roll transfers the crop from the pick-up to the rotor whilst simultaneously merging the flow of the crop to ensure that it matches the exact width of the bale chamber.

The folding castoring gauge wheels make changing from transport to field configuration even simpler. The wheels swing up and round, and are locked in the transport position without ever being removed.

Customised feeding: SuperFeed™ and CropCutter™ rotor options

To improve baling flexibility, operations can choose between the SuperFeed™ standard rotor with New Holland's renowned 'W' pattern fingers. The 455mm diameter rotor maintains high throughput of all crops. The CropCutter variant delivers the densest bales, with 15 integrated knives which guarantee the ultimate in fine chopping performance.

DropFloor technology: preventing blockages impacting productivity

During tight baling windows, stopping to unblock clogged balers wastes valuable seconds. After extensive consultation with farmers, New Holland has introduced 'DropFloor' functionality. Operated from the comfort of the cab, when large wedges of crop block the rotor, the floor is simply lowered to provide additional space in the feeding zone, and baling can continue.

Never ending super wide belts: reduced losses and improved bale formation

The Roll-Belt baler features four 273mm wide belts which prevent costly losses as well as improving tracking performance. The increased belt stability ensures a large contact area with the crop to improve both reliability and bale formation. Constructed using ultra-modern endless belt technology, these belts are much stronger as there are no joints. This eliminates stretching for uniform bale formation. Furthermore, the belts' texture has been engineered by design to assist cleaning and to prevent clogged belts for efficient bale formation.

Dual hydraulic density system: increase density by up to 5%

The addition of a second hydraulic density cylinder has increased bale density by up to 5% when compared to the BR7000. The system which has a density cylinder on either side of the chamber provides improved density



control, which is ideal for all operations, as uniformly denser bales improve the fermentation profile for more nutritious crops.

Improved net and twine wrapping flexibility and performance

Operations can choose between a twine only, net only or net and twine combination system to match their individual needs. The twine placement system has been redesigned and now uses an improved centre pivot dual twine tube to maintain a consistent wrap pattern to maintain bale shape, even during extensive handling.

The duckbill net wrapping system is now closer to the actual bale, which means it takes even less time to provide full wrap coverage, thus enabling operations to get back baling even more quickly. Up to two rolls of additional net can be stored on net-only models, with a convenient storage area to the rear of the baler, and the second roll can be stored above the active roll. The industry-leading duckbill net wrapping system now only requires, limited power from the in-cab connection, making connecting it to the tractor even simpler.

ISOBUS compatibility

The Roll-Belt baler is fully ISOBUS compatible for single monitor control. This means owners can select the ultra-wide colour touchscreen IntelliView IV or even use the existing monitor in their tractor. The advanced Bale Command™ Plus II monitor is standard, and enables operators to control up to four wrap patterns and can memorise up to 20 individual bale counts records, perfect for contractors. The state-of-the-art IntelliView™ III colour touchscreen delivers fingertip baler management, and its larger display makes setting up the baler even easier.

Distinctive styling enhances serviceability and safety

Operator safety was at the heart of the Roll-Belt balers' design. The distinctive single-piece, self-supporting side shields open wide to facilitate maintenance, and they can only be opened using a specific tool to prevent accidental opening during working. The electric power safety cut of switch, located on the drawbar, enables operators to cut the power to the baler, to ensure it is fully deactivated. This enhances safety when changing the net or when checking for blockages.



Floatation tyres reduce compaction and enhance road transport comfort

The Roll-Belt baler can be specified with ultra-wide 500/55/R20 tyres, which increase the infield footprint to reduced compaction when baling silage, essential to protect valuable shoots to facilitate regrowth for subsequent cuts. During high speed road transport, these tyres absorb bumps to deliver a smoother, more comfortable ride and prevent potentially dangerous bouncing.

Model	Bale height (minimum-maximum [m])	Bale width (m)	Minimum PTO horsepower required (hp[CV])
Roll-Belt 150	0.90 - 1.5	1.2	70
Roll-Belt 180	0.90 - 1.8	1.2	80

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