

# Roll Baler Combi

Roll Baler 125 Combi





# Roll Baler evolution that puts you ahead.

The fixed chamber Roll Baler 125 Combi model offers livestock farm and contract operators the best choice in fixed chamber baling. Rugged build and overall simplicity are matched to excellent performance in the most demanding of conditions. The new Roll Baler 125 Combi model has significant developments to enhance performance and ease of operation and represent a significant advance. Easily distinguished by new styling, the Roll Baler 125 Combi will be the first choice for those looking at a baler suited to working heavy crops in demanding conditions. Key developments for the new Roll Baler 125 Combi include:

## Wider New Holland pick-up

Using the main components from the New Holland BigBaler and Roll Belt balers models, the latest Roll Baler 125 Combi model features a large 2.3m wide pick-up. A large roller windguard from the BigBaler range is fitted, with a choice of removable fixed or swivel wheels that can be stowed on the pick-up for transport.

## Drop floor & rotor declutch

A wide opening drop floor is fitted to the Roll Baler 125 Combi model. Activated from the tractor cab, the drop floor has a unique pivot design that lowers to 120mm at the front and 60mm to the rear. The rotor declutch feature enables you to hydraulically disengage drive to the rotor and pick-up in the event of a serious blockage. These two systems combined reduce blockage downtime to a minimum and help you remain productive in the most challenging conditions.

## Group knife selection

The Roll Baler 125 Combi model has 20 knives for ultimate chopping performance. The operator can choose to manually select 10 knives, switching between Set A and Set B without having to stop to sharpen the blades.

## Automatic knife retraction for a smoother bale

As the bale nears completion, the knives can be set to retract for the final layer. This results in a smoother surface, better rainfastness, and helps improve the bales integrity for wrapping.

## Automatic knife cleaning and individual blade protection

On the Roll Baler 125 Combi, the knives are automatically raised and lowered every time the bale chamber is opened. This simple action ensures the knives are kept clean and ready for use when next needed. Each individual blade is protected from damage in work.

## High strength roller design

The Roll Baler 125 Combi model is fitted with 18 high strength, cold formed rollers featuring a surface profile, to ensure positive bale rotation, reduced losses and higher bale density. There are no welds on the roller surface for a smooth passage of material in the bale chamber and to ensure net or film is not damaged during wrapping.

## ISOBUS

The Roll Baler 125 Combi model has full ISOBUS connectivity to compatible tractors. A large 26.4cm, New Holland IntelliView™ IV touch screen monitor can be specified to operate with non-ISOBUS tractors.

## All new look

The Roll Baler 125 Combi model has been completely restyled. By adopting a modern styling the Roll Baler takes up the codes of the latest New Holland ranges thanks to the updated decals on the side panels. The frame has also been given a makeover, replacing the current black colour with a more visible yellow.





Models	Version available	Bale diameter (cm)	Bale width (cm)	Minimum power requirement (hp)
Roll Baler 125 Combi	CropCutter	125	122	140





# New Holland: over 40 years of round baler innovation, since 1974.

**1974:** New Holland enters the round baler market with the 850 chain and slat fixed chamber

**1997:** New Holland 544 European made roll-bar baler

**2002:** New Holland BR700 Roll-Belt and BR740 CropCutter™ series

**2003:** New Holland 548 Combi, our first baler/wrapper combination

**2004:** New Holland BR6000 with Duckbill edge wrap system

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**2007:** New Holland BR7000 deliver class leading output

**2012:** New Holland launch Roll Baler 125 and Roll Baler 135 Ultra fixed chamber balers

**2014:** New Holland celebrates its 40<sup>th</sup> anniversary since the introduction of the first round baler

**2016:** New Roll Baler 125 models. Improved productivity and performance

**2022:** New Holland Pro-Belt range

2007



2012



2014



2016



2022





## Drawbar & pick-up.

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### 2.3m five bar pick-up

- Fitted with a rugged, double cam track, the new and wider pick-up is developed from the well proven design used on New Holland BigBalers and Roll-Belt balers, featuring the best of both, it is purpose built to handle heavy windrows
- Now fitted with 160 high strength 5.5mm pick-up tines, reducing the amount of crop gathered per tine, the new five-bar design can be worked at higher forward speeds ensuring it always leaves a clean sweep







### Large, fixed platform

- Accessed via fold-up steps, the front platform makes replacing rolls of net or plastic film easier
- The hydraulic hoses are clamped to the platform to ease coupling and provide secure storage



### Simplified hydraulic coupling

- The Roll Baler 125 Combi model uses a load sensing line to operate the wrapper functions and in addition requires an extra hydraulic line if the rotor de-clutch option is specified



### New 1000rpm driveline

- You can now choose between the standard 540rpm or the 1000rpm driveline. Thanks to a high inertia, the 1000rpm driveline, brings smoother crop flow and reduce the blockages during heavy silage operation
- The gearbox has also been repositioned to improve the PTO line up and the lifetime



### Choose the hitch for specific needs

- From the factory, Roll Baler 125 Combi model can be specified with a 40mm or 50mm drawbar, K80 Ball, Pivot Ring or 33mm Swivel ball hitch



### Adjustable pick-up suspension

- Springs on the pick-up lift rams provide adjustable suspension, allowing the pick-up to follow different surfaces accurately and reduce bounce over rough ground
- A combination of adjustable pick-up height and suspension helps reduce time to soil contact, ensuring swath contamination is reduced



### High and low hitch drawbar with double speed jack

- The drawbar is fitted with a repositioned double speed jack that speeds attaching and removing the baler

### Standard single roller windguard for smooth crop feed

- Profiled to ensure smooth operation when working uneven swaths, the 210mm diameter roller windguard is slim enough to allow a full and uninterrupted flow of crop into the baler
- Two overshoot infeed augers ensure larger swaths feed cleanly into the rotor

### Choose fixed or swivel pick-up wheels that stow on the drawbar

- Both fixed and swivel pick-up wheels are designed for quick, tool free height adjustment
- In transport, the wheels can be removed and secured above the pick-up



### Rotor declutch

- Hydraulic disengagement of the rotor and pick-up drive is possible in the event of a blockage
- The chamber rollers can continue to turn, to allow the operator to wrap and eject a bale
- This time saving feature enables the operator to clear the toughest blockage

# Flexible crop processing solutions.

From the pick-up, how material is passed into the bale chamber is critical to both performance and producing a consistent and firm bale. With the proven New Holland feed rotor system, Roll Baler 125 Combi balers benefit from improved management of the 20 knife CropCutter™ system. Selecting the degree of slicing, with a choice of easy swapping between selected blade banks, reduces downtime to boost productivity.



## Wide 1200mm Hardox 400 steel feed rotor

- Made from wear resistant Hardox 400 steel, 470mm diameter feed rotor is fitted with robust 10mm thick tines
- The design enhances the flow of material into the bale chamber and reduces strain on the driveline
- The rotor scraper has been redesigned to improve cleaning and reduce the power consumption. This wider scraper brings a higher durability in high yield wet crops and less rotor over wrapping from the long straw



## An even feed for a uniform bale

- Full width 1200mm feed rotor is enhanced by the positioning of the tines
- 'W' pattern ensures the swath feeds evenly into the full width of the bale chamber
- Operators find it easier to produce an even, firm and consistent bale, even when working uneven swaths in less than ideal conditions





### CropCutter™ allows easier slicing choices

- New Holland CropCutter™ system features 20 chrome-vanadium blades, each with individual spring protection to reduce damage if the swath is contaminated with a solid object
- Easy to remove for sharpening, the blades can be lowered when not required

### Keeping the knives clean and ready for action

- The 20 knives are automatically raised and then lowered each time the chamber is opened and closed
- This simple process helps ensure the individual blades are kept clean and debris does not build up around the CropCutter system

### Auto knife retraction

- When chopping, the operator can choose a setting in the IntelliView™ IV monitor to retract the knives just before bale completion
- Knife retraction is initiated when the bale reaches a pre-set percentage of completion
- This results in a smoother bale surface, better rainfastness and improved bale shape

### Manual knife group selection

- A simple handle with three positions allows the operator to choose how many blades are engaged
- Choice of all 20 or just 10 in grouped sets A or B
- The latter enables consistent crop length and allows one set to be operated up until sharpening is required, selecting the second bank allowing work to continue until all 20 need attention

### Theoretical cut lengths

- As a guide, engaging all 20 knives will produce a theoretical chop length of 52mm, this increasing to 104mm when selecting either bank A or B of just 10 knives

### Managing a blockage

If the baler has been over-fed resulting in a blockage occurring, New Holland offers two ways to deal with it:

#### Method 1: New Drop Floor

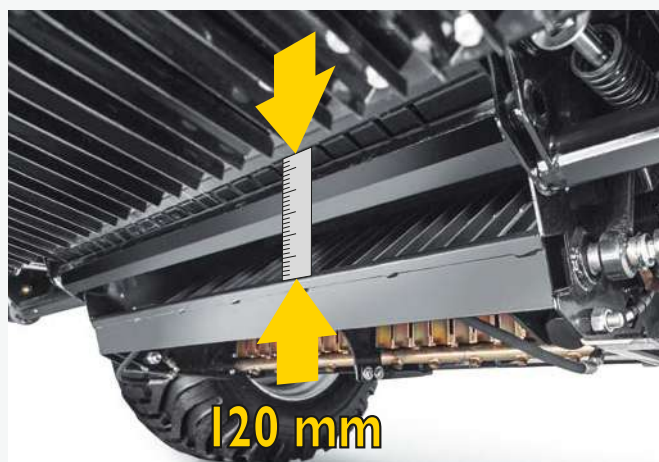
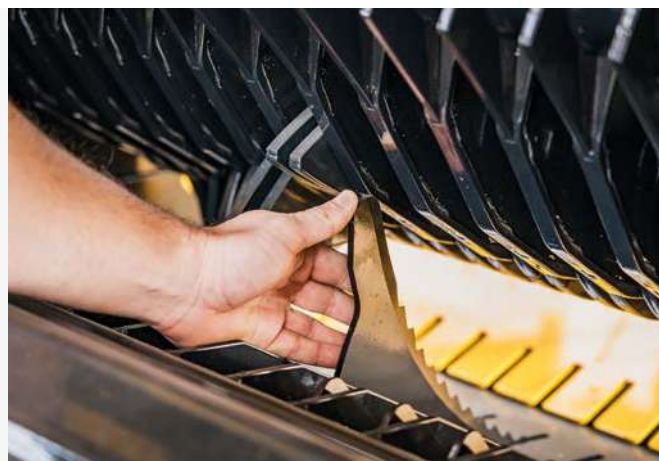
- Operated from the cab, the new drop floor is fitted to the rear of the feed rotor
- The CropCutter knives are lowered and then the pivot-mounted drop floor is hydraulically opened up at the front by 120mm, providing full access to any blockage
- The rear section of the drop floor also opens up to 60mm

#### Method 2: Allowing the ejection of a partially finished bale

If a blockage occurs late in the bale formation process, clearing material by lowering the drop floor may not be appropriate. New Holland offers a hydraulic rotor and pick-up 'declutch' system on Roll Baler 125 Combi.

In work, the system operates by first allowing the bale chamber to continue to operate and the partially formed bale to be ejected. Drive to the pick-up and rotor can then be re-engaged to clear the blockage.

Separate hydraulic couplings for the bale chamber and intake system required.





## Big rollers for a sure start and minimal loss.

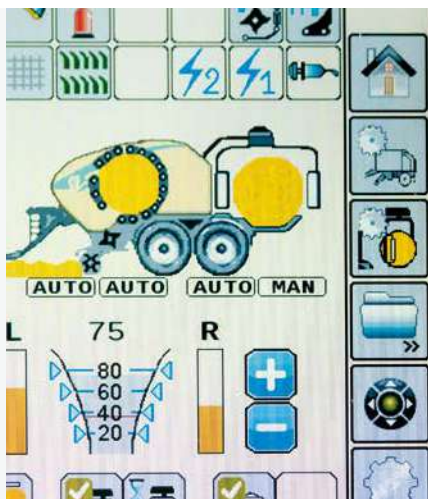
Fixed chamber Roll Baler 125 Combi are built tough to handle heavy bales. The rigid bale chamber is fitted with 18 cold formed rolls. These are 200mm in diameter and now have a surface profile. This further improves full crop contact for a positive start to the baling process but is matched to close roller to roller clearance to minimise crop losses. Performance in difficult conditions is improved ensuring dense, consistently shaped bales are produced. The productivity has been increased thanks to the new crop deflector added to avoid accumulations. The crop deflector is combined with the front filling plate on the Combi version. To improve the bale chamber rollers durability, the bushing alignment has been optimised at the maximum. The tailgate lock system and the drop floor pivot arms are now mounted on new greasable bushings.

### Heavy rolls for longevity

Produced from 3.5mm thick steel with a seam-free surface to protect net wrap or film, each cold formed roll features heavy duty sleeve bearings and automatic lubrication for maximum durability.







### Even bales from uneven swaths

IntelliView™ IV monitor uses a simple graphic to indicate if it is necessary to feed the swath to the left or right. It is now even easier to form a uniform bale.



### Long life bearings

- Each chamber roller runs on easily renewed sleeve bearings automatically lubricated using the same Lincoln system proven on New Holland BigBalers
- With a service life that should exceed tens of thousands of bales, the roller bearings are tolerant of moisture as well as bale treatment additives to include inoculant and acids.



### A chain dedicated to suit its job

- Separate chains drive the front and the rear of the bale chamber, with the pick-up and feed rotor both having dedicated drive chains
- Each chain has an increased duty strength to increase their service life by 3 to 4 times
- The new Roll-Baler is equipped with stronger driving chains and new sprockets on the main components like rotor drive, bale chamber and maindrive. Thanks to these changes, the Roll-Baler can offer a higher durability



### Dense bales make better haylage and silage

- The high strength of the bale chamber and the crop hugging profile of the rollers means more material can be packed into the balers to produce a really tight and dense fill
- When producing silage or haylage, a tight bale helps exclude oxygen and promote the anaerobic fermentation



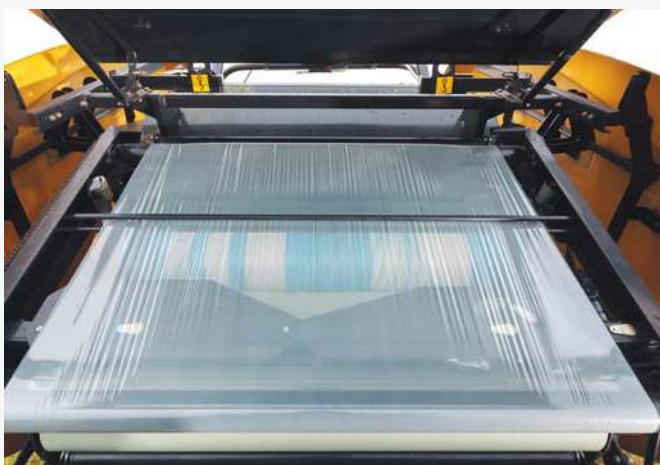
### In cab density setting for hay, straw and silage

- Operators can set bale density from the comfort of the cab, via the IntelliView™ IV monitor
- Choose the swath conditions to be baled, and the density is then set accordingly, as this influences the pressure at which the 'bale finished alert' is triggered
- Incremental adjustments can be made using the plus & minus buttons on screen
- The system can be periodically fine tuned by adjusting a spring connected to the chamber door latch



# A secure bale with net or film.

New Holland has asked customers how they operate their balers and use the bales they produce. This has resulted in the Roll Baler 125 Combi featuring different net / film wrap systems.



## Net or film wrap on Roll Baler 125 Combi

Unique to New Holland, the latest film wrap on the Combi model has positive hydraulic feed. This can be set to pre-stretch the film, and combined with the bundle arm system, a tight, secure and reliable film wrapping process is ensured at all times.

Gap closure plates prevent plastic wrap catching in the chamber rollers, a hinged knife preventing any film catching the feed rotor. Operators can switch to net wrap if required, with the Roll Baler Combi model now able to accommodate 1400mm rolls, ensuring the versatility of the baler is not compromised.



## Advantages of wrapping with film

- Pre-stretched film keeps the bale tight as it leaves the chamber
- A perfect shape, bale after bale
- Film seals better than net
- Greatly reduced spoilage compared to net wrapped bales
- Same material for wrapping and sealing
- Fewer layers of wrap are required
- Ease of unwrapping
- Recycle just film, no separation required
- Proven improvement of forage quality
- Easier transport and storage







## Up to 20% faster.

The Roll Baler 125 Combi takes the well-proven in-line wrap system of predecessor models including the possibility for the operator to choose between 500mm or 750mm film. Added to the high speed of the twin satellite arms, this means:

- Fast wrapping
- Apply more layers with no impact on productivity
- Automatically match number of layers selected to turntable speed
- Extra bale rotation to secure the cut end of film
- Easier loading of new film rolls
- Spare wrap capacity of 10 rolls
- Fully covered wrap storage boxes
- Fold down pillars ease loading spare rolls
- Roll storage boxes open out for better service access



### Bale discharge

- As an option, bales exiting the wrapper can be rotated through 90 degrees
- The bale tilt arm is now fitted with a wheel in place of a skid with easy height adjustment
- End on bale placement is now more reliable, even in hilly conditions





### Increased haylage and silage quality

Repeated studies have proven that a haylage or silage bale that is wrapped quickly will produce better quality forage with a reduced likelihood of spoilage. Bales that are wrapped are also less likely to suffer if left in the field for an extended period prior to collection and removal to their storage location.



### An efficient baling system

In-line baling and wrapping has proven advantages:

- Saves on labour and equipment
- Bales wrapped quickly produce better quality forage
- Reduced likelihood of spoilage
- All bales wrapped when baling is finished



### One control does it all

- IntelliView™ IV monitor simplifies the operation of the baler and wrapper
- The whole combination can also be operated via the controls of an ISOBUS compatible tractor



### Built for tough baling

Heavy grass swaths, difficult terrain and less than favourable weather. These are the realities faced by many livestock farmers and contractors. Roll Baler 125 Combi model has been developed to deliver high performance in these conditions. Tough, easy to operate and economical to run. Typical New Holland.



# Engineered to take the worry out of wrapping.

New Holland has continued to refine the in-line wrapping process it first used on the 548 Combi back in 2003. Designed to allow freshly produced bales to be wrapped securely over difficult terrain and reliably in both cool and hot working conditions, the integral wrapper of the Roll Baler 125 Combi is, thanks to their twin satellite arms, fast enough to allow any multiple of wraps required by the end user.



## Productivity increased

The new Roll Baler 125 Combi model features a faster bale wrapper and a number of automated features and improvements that increase overall wrapping performance

- 20% increase in wrapping speed
- Broken plastic detection sensors now initiate automatic switch to single roll wrapping
- Single roll wrapping initiation increases wrapper table speed to maintain productivity
- Bale accumulator - select the automatic double bale drop function when not wrapping
- Loose end elimination - bale is turned an extra ½ turn after plastic is cut
- Reduce plastic damage thanks to a 38% faster tailgate opening



## Carry more stretch film for greater productivity

- Roll Baler 125 Combi model has the capacity to carry ten spare stretch film rolls in covered boxes
- Five fold down holders each side enable easy refilling
- Both storage boxes hinge open for excellent service access





### Gentle wrapped bale handling

- The standard wrapper discharge system gently tips the bale onto a handling mat, allowing it to roll straight off the rear of the unit. A quarter-turn option is also available for alternative bale positioning
- The operator can retain the wrapped bale and discharge it away from steeply sloping terrain
- Double bale drop functionality: use as an auto bale accumulator when baling straw or similar crop type unwrapped bales



### Engineered to take the worry out of wrapping

- Tubular satellite arms carry the two 750mm film stretchers.
- 20% wrapping speed increase enables output of 40-50 bales/hour
- Fully automated, with a well-proven film cut knife system, the wrapping system can be monitored via an optional camera system
- The bale quality needs to be perfect, that's why we improved the discharging system with a new bale quarter turn, a higher force gas strut and a longer plastic bale stop



## Compact design for stability.

Roll Baler 125 Combi is built to work in difficult terrain. Even as the bale chamber fills and the wrapper of 125 Combi models is in action, the centre of gravity remains low.



### **Tandem axle Roll Baler 125 Combi**

- 500/50-17
- Low centre of gravity thanks to tandem axle concept





### Rugged build, versatile performance

Roll Baler 125 Combi models are specifically designed for demanding large livestock and heavy contract users. They are built to work with heavy grass, dense hay and forage crops. They bale dry straw, gather irregular swaths and cope with difficult terrain. Rugged and versatile.

Key features include:

- 1 - Purpose designed chassis to carry exceptionally heavy bales
- 2 - Heavy-duty sprockets
- 3 - Individual drive chains, each chosen to match the job
- 4 - Centralised Lincoln automatic lubrication system as standard (key bearings and chains)  
Large capacity oil and grease reservoirs
- 5 - Heavy duty lubricated sleeve roller bearings
- 6 - Centre drive gearbox
- 7 - Robust and proven New Holland five-bar pick-up



## ISOBUS as standard.

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Managing your Roll Baler 125 Combi has never been simpler. Roll Baler 125 Combi models are fully ISOBUS compatible, so you can connect to your tractors existing New Holland IntelliView™ IV touchscreen monitor, for seamless SideWinder™ II armrest integration, so one-monitor operation is guaranteed. If ISOBUS functionality is not possible on your tractor, an IntelliView IV screen comes as standard to mount on your baler bar so you can still reap the benefits of ISOBUS simplicity. The display software for Roll Baler ensures logical and intuitive operation, thanks to the large display screen, clear icons and easy to use interface menus.



### IntelliView™ IV monitor: touchscreen baler control

- Intuitive, colour touchscreen IntelliView™ IV monitor is ideal for professional baling operations
- Touchscreen facilitates instantaneous adjustment of key parameters in response to changing conditions
- Large screen size enables at a glance monitoring of all key parameters



### Intuitive & easy

- Key information clearly and logically displayed
- Left and right indicators ensure even bale shape
- Entire baling and wrapping process is visualised on screen
- Select 7 different information icons to display on screen
- Select between knives, drop floor or pick-up activation at the touch of a button
- Plus & minus buttons for fingertip density adjustment
- Manual or auto functionality
- Program the type of crop you want to bale in advance
- Up to twenty five jobs can be memorised





## 360°: Roll Baler.

Down time is the enemy of productivity. New Holland has worked hard to ensure all Roll Baler 125 Combi models are easy to set up, straightforward to drive and have simple servicing requirements. The fine details have been carefully considered. Loading full rolls of net wrap and film is simple. Daily greasing and routine checks are easy to remember and simple to carry out. The new Roll Baler has received a number of improvements to boost durability, productivity and customer satisfaction.



Stronger driveline - new gearbox and drive chains.



New rotor scraper for improved crop flow and less power consumption.



New gearbox with 1000rpm option.

Side panels on all Roll Baler 125 models lift on gas struts to provide easy service access

Completely re-styled, the Roll Baler 125 Combi benefits from great service access & visibility



General quality updates

Significant update: new driveline, rotor scraper, reduced crop accumulation and other improvements with high customer value



### Dealer Installed Accessories

A comprehensive range of accessories can be supplied and fitted by your dealer.

Models		Roll Baler 125 Combi
<b>Bale size</b>		
Bale diameter	[cm]	125
Bale width	[cm]	122
<b>Pick-up</b>		
Width (between flares)	[cm]	230
Number of tines / tine bars		160 / 5
Windguard		roller
Number of pick up tines per row		32
Protection		Radial Pin Clutch
540rpm PTO		●
1000rpm PTO		○
Hydraulic pick-up lift		●
<b>Feeding</b>		
Type		rotor 470mm
Feeder disengagement		hydraulic
Number of overshot augers		2
<b>CropCutter™ system</b>		
Number of knives		20
CropCutter™ engagement		hydraulic
Knife protection		individual spring
Rotor reverser		manual crank handle
<b>Bale formation</b>		
Type		Profiled Roller system
Number of Rollers		18
Roller diameter	[mm]	202
<b>Wrapping</b>		
Wrap material		net or film wrap
Control		ISOBUS IntelliView™ IV monitor
Spare roll capacity		1 active, 2 stored
<b>Silage wrapper</b>		
Film width	[mm]	750
Number of wrapping arms		2
Hydraulic system		single acting
Oil flow min / max	[litres/min]	50/55
<b>Baler dimensions</b>		
Length, for unit with 40mm ring hitch (default option)	[mm]	6158 to rear of wrapping table (6808mm with quarter turn option)
Height	[mm]	2870
Width / with fixed pick-up wheels	[mm]	2925
Weight	[kg]	6226
<b>Tyres</b>		500/50-17
<b>Axles</b>		tandem
<b>Bale mat</b>		○
<b>Bale turner</b>		●

● Standard   ○ Optional at extra cost   – Not available





[www.newholland.com/nz](http://www.newholland.com/nz)



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get into contact with our dealer for any further information. Published by New Holland Brand Communications. BTS Adv. - Printed in Australia 07 25 - 25NHROLLBALERB