

New Roll-Belt™ baler

Roll-Belt 150 | Roll-Belt 180





New Roll-Belt. Change your baling style.

The all-new Roll-Belt variable chamber round baler offers unsurpassed baling flexibility and will take your baling performance to a whole new level, and boost your capacity by up to 20%. The Roll-Belt is available in 1.5 or 1.8 metre height and 1.2 metre width configurations, and is the ideal choice for farmers or contractors who work in varying conditions, as the variable chamber can be calibrated to produce bales from 0.9m upwards. Distinctive New Holland harvester styling also mean you'll be turning heads as well as turning fields in super quick time.



A LONG HISTORY OF ROLL BELT BALING



New Holland launched the very first round baler back in 1974. The Model 850 was the first in a long line of balers which have featured state-of-the-art technology to improve baling performance. The Model 630 introduced belt technology in 1989 and set the industry standard for variable chamber baling. Over a decade later, New Holland introduced the CropCutter models, which set the benchmark in ultra-fine chopping performance, perfect for silage operations. In 2006 the 200,000th round baler rolled off the production line, testament to the range's enduring popularity.

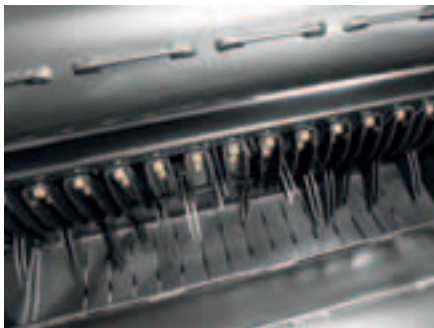
Born in New Holland's ancestral home, which is also the Centre of Round Baling Excellence in New Holland Pennsylvania, USA, today's Roll-Belt balers have been designed and developed in Plock, Poland, in collaboration with New Holland's Centre of Harvesting Excellence in Zedelgem. An extensive European testing program means your Roll-Belt baler will satisfy your individual needs. Why? Because it's been tested in a field very similar to yours.



ENDLESS BELTS SEAMLESS BALING

Improving reliability. Reducing losses. The new endless 273mm wide belts mean you've got baling all sewn up. Constructed from advanced materials, the self-cleaning belts have been specifically engineered to maintain even better contact with the crop and to reduce maintenance. The location of the belts within the bale chamber assists initial bale formation: they form a natural 'D' shape with the rollers to guarantee instantaneous rolling and dense core formation.





MAXIMUM PERFORMANCE HASSLE FREE OPERATION

When working at maximum capacity, and in the very densest silage swaths, the bale pick-up sometimes becomes blocked by large wedges of crop. The new drop floor functionality means operators can simply drop the floor of the rotor, which enlarges the space to enable more crop to enter the baler. This reduces downtime impacting on productivity, and enhances operator comfort. An optional reversible rotor, again operated from the comfort of the cab, can also be specified to speed-up pick-up unblocking.



Intuitive baling. Denser bales.

DENSER BALES FROM NEW HOLLAND

The optional dual density system on the Roll-Belt range can increase bale density by up to 5%. Two density cylinders, one on either side of the bale chamber, control the rate of belt expansion to ensure that the densest bales possible are produced. By only allowing the belts to expand when pressure reaches a pre-set level, solid bales with improved handling characteristics are produced. This is perfect for livestock farmers who may have to transport bales a considerable distance.



Boosting capacity. Maintaining productivity.

UP TO 20% HIGHER CAPACITY

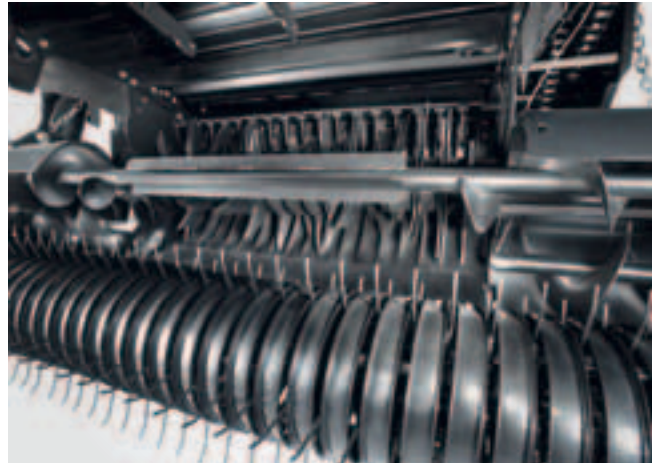
The redesigned pick-up can increase baling capacity by up to 20%. Just imagine, you could be able to complete each and every field up to 20% faster. Customers can choose between a 2 metre or 2.3 metre pick-up to suit their needs. The standard four tine pick-up is perfect for straw-focused operations. The heavy duty, five solid tine bar pick-up is the default choice for silage, or those who bale on stony or uneven ground.

SILKY SMOOTH CROP FLOW

First introduced on the BigBaler, the Roll-Belt's feed assist roll is located behind the roller wind guard and features two overshot and two undershot counter rotating augers, which transfers the crop efficiently from the pick-up to the feeder, whilst simultaneously merging it to ensure that it is the exact width of the feeder. This maintains constant, uniform feeding in swaths of uneven widths.

FROM ROAD TO FIELD IN THE BLINK OF AN EYE

New Holland knows that during tight baling windows every second counts when it comes to bringing the crop home in optimum condition. This requirement provided the inspiration for the all-new castoring gauge wheels. Quickly transform the Roll-Belt baler from transport to field mode by simply swivelling the gauge wheels into position. No tools. No need to remove. Simply swivel the wheels into place for hassle free baling.



CROP PROCESSING TO SUIT YOUR NEEDS

The SuperFeed™ standard 455mm rotor, together with the optional CropCutter™ variant, features the exclusive 'W' shaped tine pattern, which evenly distributes the crop across the entire bale chamber width for uniform bale formation.



SUPER SAFE OPERATION SUPER SPEEDY SERVICING

The Roll-Belt's single piece gull wing side shields open wide on self-supporting gas struts for easy access to all servicing points. During busy baling days taking a maintenance shortcut can be fatal. Therefore, the Roll-Belt baler has set the benchmark in terms of baling safety. A unique in the industry system features an electric power safety cut off switch, located on the baler's drawbar, and cuts all power to the baler. This makes changing the net, or unblocking the pick-up even safer. Roll-Baler. Looking after your crop. Looking after you.

CUSTOMISED WRAPPING OPTIONS

The Roll-Baler offers the ultimate in wrapping flexibility. Choose between twine only, net only or twine and net combination wrapping solutions. Twine placement has never been this accurate, thanks to the centre pivot dual twine tubes for guaranteed consistent application. This efficient tying system ensures bales retain their shape, even after extensive handling. The patented DuckBill net wrapping system has been repositioned even closer to the bale to reduce the amount of time it takes to wrap the bale, meaning you can resume baling even faster to clear even more fields. Balers can now store up to an additional two rolls of net alongside the active roll to improve baler autonomy. To reduce operator stress, a handy integrated prop supports the weight of the net when changing rolls.



A RANGE OF MONITORS TO SUIT YOUR REQUIREMENTS

Want to use your IntelliView™ monitor on your SideWinder™ II armrest? Then select the optional ISOBUS compatibility system for single screen baling. The standard Bale Command™ Plus II monitor enables operators to record up to 20 individual bale counts, perfect for contracting operations and to choose between four wrapping patterns for customised performance. The most demanding customers will specify the colour touchscreen IntelliView™ III monitor, which enables fingertip control of all baling parameters.

MODEL	Roll-Belt 150		Roll-Belt 180	
	SuperFeed	CropCutter	SuperFeed	CropCutter
Type				
Bale dimensions				
Minimum diameter (cm)	90		90	
Maximum diameter (cm)	150		180	
Width (cm)	120		120	
Tractor requirements				
Minimum PTO power [kW/hp(CV)]	52/70	75/100	60/80	78/105
Standard PTO speed (rpm)	540		540	
Optional PTO speed (rpm)	1000		1000	
Hydraulic remotes Min. / Max	2 / 4		2 / 4	
Main drive				
Gearbox	Enclosed oil immersed			
Protection	Cut-out clutch			
Pick-up				
Standard working width (m)	2.0		2.0	
Optional working width (m)	2.3		2.3	
Four tine bar pick-up	○		○	
Five tine bar pick-up	●		●	
Roller windguard	●		●	
Feed assist auger	●		●	
Flotation	Adjustable spring		Adjustable spring	
Hydraulic pick-up lift	●		●	
Pick up protection	Shearbolt		Shearbolt	
No tools folding pickup wheels	○		○	
Gauge wheels (15x6.00-6)	2		2	
Feeding system	Rotor width 455mm 'W' tine configuration			
Drop floor	○		○	
Hydraulic rotor reverse	○		○	
CropCutter™ system	-	●	-	●
Knives options	-	15	-	15
Knife distance (mm)	-	65	-	65
Knife activation, in - out	-	Hydraulic	-	Hydraulic
Knife protection	-	Individual spring	-	Individual spring
Bale formation				
Type	Roll-Belt		Roll-Belt	
Pivoting formation rolls	3		3	
Belts	Four 273mm endless		Four 273mm endless	
Bale shape indicators	●		●	
Tying system				
Twine only	○		○	
Twine storage	6 ● + 4 ○		6 ● + 4 ○	
Twine pattern	Left to right		Left to right	
Twine arms	Twin centre pivot		Twin centre pivot	
Net only	●		●	
Twine and net	○		○	
Net wrapping system	DuckBill		DuckBill	
Net storage net only	3 ●		3 ●	
Net storage net and twine	2 ● + 1 ○		2 ● + 1 ○	
Net coverage	EdgeWrap		EdgeWrap	
Bale density system				
Single density system	●		●	
Dual density system	○		○	
Density control	Control dial on density cylinder			
Electronic control system				
Bale Command™ Plus II monitor	●		●	
ISO 11783 connection ready	○		○	
IntelliView™ III monitor	○		○	
Electronic safety cut out	●		●	
Brakes				
Hydraulic	○		○	
Pneumatic	○		○	
Maximum travelling speeds	50kph		50kph	
Bale ramp	●		●	
Servicing	Single piece opening side shields			
Baler dimensions				
Length (m)	4.475		4.815	
Width on 380/55-17 tyres (m)	2.415		2.415	
Width on 480/45-17 tyres (m)	2.61		2.61	
Width on 500/55-20 tyres (m)	2.85		2.85	
Height on 380/55-17 tyres (m)	2.79		3.05	
Height on 480/45-17 tyres (m)	2.83		3.09	
Height on 500/55-20 tyres (m)	2.76		2.985	
Weight (max) (kg)	3715		3815	
Standard equipment	Roller windguard, centralised oiling system, amber beacon			
Optional equipment	Tyres 380/55-17, 480/45-17, 500/55-20			

● Standard ○ Optional – Not available



www.newholland.com/uk

www.newholland.com/ie

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 apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in Italy - 07/13 - TP01 - [Turin] - 133001/INB