



NEW HOLLAND BC5000

BC5060 | BC5070



- 4 **BALING EXCELLENCE** 
- 5 **SIMPLICITY IN OPERATION** 
- 6 **MATCHING YOUR PERFORMANCE EXPECTATIONS** 
- 7 **RELIABILITY AND QUALITY** 
- 8 **SPECIFICATIONS**

PREFECT FOR YOUR STRAW OR HAY OPERATION

Since the introduction of round bales and more importantly large square bales, most of today's straw and hay is baled into larger packages. However, for a number of farming and leisure related activities, small rectangular bales are still the ideal solution. They can be handled manually and high quality fodder used in the equine industry is very well conserved in small rectangular bales.

New Holland, historically the first brand in small rectangular balers, today offers two new models that have the right features for your hay and straw operations.



STILL LEADING THE WAY

New Holland was the first brand to fit an automatic tying knotter on a baler; this made baling a one-man field operation. Since that major introduction, the company has sold more than 900,000 small rectangular baler's world wide, made in factories in America, Europe and Australia. This baler was the basis for the success story of the world's largest harvester manufacturer.



THE CHOICE IS YOURS

Ideally suited for small farming operations, the BC5060 has a 1,8m Super Sweep™ pick-up allowing swift travel along small lanes, smooth passing through narrow gates and compact storage in confined spaces. The wider 2m Super Sweep™ pick-up on the BC5070 and the extra feeder rotor provide the high capacity and daily output required on larger farms and contracting operations.



FIRM BALES, EXCELLENT APPEARANCE



Producing consistent firm bales is a major benefit of the new BC5000 balers. The long bale chamber, allowing for a long plunger stroke, combined with the high plunger speed, ensures a 1st class quality bale formation. Adjustable top and bottom bale chamber rails and adjustable bale case doors allow for a perfect setting of the required density.

CLEAN FIELDS

Efficient crop gathering of even the shortest of straw varieties from a wide windrow left behind a large combine harvester, or the smallest nutritious hay leaf that has been field-dried for days, is collected with ease using the efficient Super Sweep™ pick-up fitted to the BC5000 balers. Curved tines, close tine spacing, flanged tine guards, an effective floating wind-guard, all add to a swift clean pick-up action.



EQUAL BALES MADE FOR EASY STACKING

Compact bales built-up by equal wads are easy to handle and keep their shape over a longer period. The exclusive New Holland rotary feeder system, using feeder rotors and a packer fork, is gentle on the crop and assures a steady crop flow and a quality bale. Bale length is consistent thanks to the ideal positioning of the metering wheel and adjusting that length is easily done by adjusting the length of the trip stop on the bale metering arm.



FAST PREPARATION



Fast and sure changing from road position to working position is performed with the “hydro swing” drawbar*. It uses the tractor hydraulics and makes switching fast and easy.

*BC5070 model only.

READY TO START AT ONCE

A swift pick-up lowering to start working immediately when entering into the field is made possible with the hydraulic pick-up lift*. The pick-up guide wheel protects the pick-up tines in uneven field conditions and adjustable compression springs provide ideal pick-up floatation.

*BC5070 model only.



MAINTAINING CONSISTENT BALE DENSITY

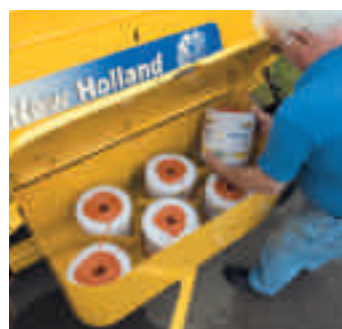
Bale density is easily adjusted with manually operated tensioning springs which adapt the pressure on the upper and lower bale chamber rails. The hydroformatic density control, is standard on the BC5000 range, maintains the pressure on the crop being compressed in the bale chamber, independent of varying moisture conditions.



REDUCED DAILY DOWN TIME

Trouble-free baling at high capacity during long days is possible without having to interrupt for lubrication requirements.

A self contained centralised hand pump operated oiling system for the knotters reduces wear and daily maintenance time. The six-ball twine box in BC5060 and an eight-ball twine box in the BC5070, keeps you going during even the longest baling day.



MAINTAINING A HIGH FIELD SPEED

Consistently high field speeds equate to high daily production, even in heavy and irregular windrows. The efficient pick-up on the BC5000 range allows for a high field speed while ensuring that all the hay or straw is collected, leaving a clean field behind.



SMOOTH CROP FLOW BOOSTS DAILY OUTPUT

Transforming heavy windrows into even, firm bales at a high speed requires smooth crop processing. The wide pick-up swiftly lifts any windrow and the exclusive rotary feeder transfers it without hesitation through the large feeder opening to the bale chamber. The unrestricted crop flow results in an extremely high daily output.

NO FIELD OBSTRUCTIONS

Irregular, uneven windrows, sudden obstacles or accidental misuse do not keep the new BC5000 balers from continuing to operate. Loss of time is avoided by the adequate safety features that are built-in: shear bolt, overrun clutch and slip clutch on the flywheel, compression spring on the feeder fork and shear bolt on the knotter drive. The belt drive to the pick-up acts as a protection against overload and an overrun clutch allows easy and safe reversing.



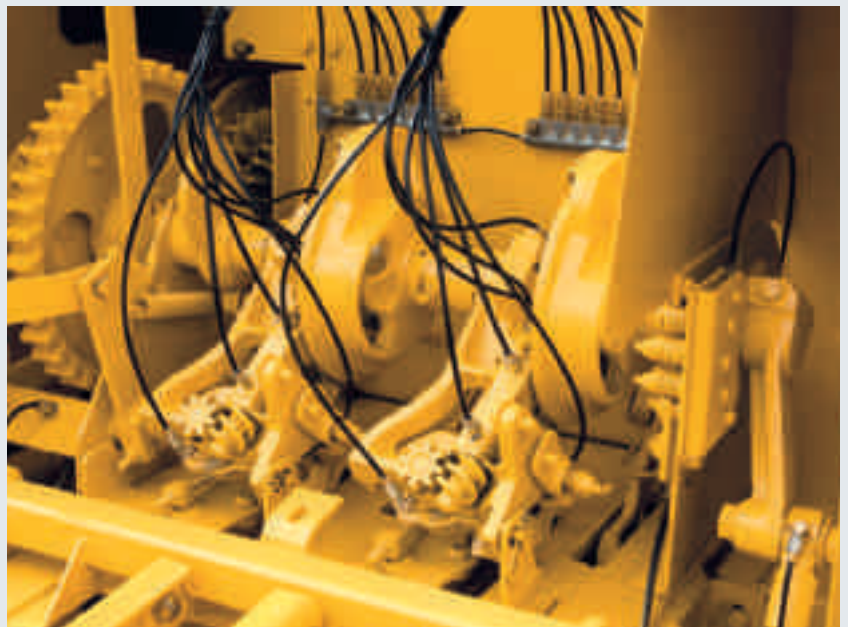
CONFIDENCE IN THE POWER TRANSFER



Producing high quality bales day after day, season after season requires robust and reliable drive lines. The dimensions of the shafts, chains and gears as well as the quality of the steel, reflect New Holland craftsmanship and experience. To prevent the build-up of stress on the functional components, the overall baler construction includes a draw bar that is directly connected to the baler axle. A “power pivot support” for the three-joint PTO furthermore allows sharp turns with maximum safety.

PROVEN OVERALL STRENGTH

Rely on the knotter accuracy, knot after knot, season after season! Hard-surface material prevents wear of the driving gears for extended accuracy over a long baler life! A straight guiding of the robust plunger is assured even after extensive baler use, thanks to the combination of sealed roller bearings and high strength steel slides that make adjustments fast and easy.



SPECIFICATIONS

MODELS		BC5060	BC5070
Bale chamber			
Width	(cm)	46	46
Height	(cm)	36	36
Length	(cm)	31 - 132	31 - 132
Tractor requirements			
Minimum PTO power	(kW/hp)	34/45	45/60
PTO speed	(rpm)	540	540
Hydraulic distributors		1	1
Main drive			
Gearbox		Oil immersed, hypoid with tapered roller bearings	
Protection		Shearbolt, overrunning clutch and slip clutch	
Power-Pivot support		●	●
Pick-up			
Overall width including flare	(cm)	180	200
Number of tine bars		5	6
Number of spring tines		110	156
Hydraulic pick-up lift		○	●
Gauge wheel	(size)	3.00x12 (Semi-pneumatic)	15x6.00x6 (Flotation)
Hydraulic tongue swing		○	○
Feeder			
Opening	(cm ²)	1826	1826
Type		Rotary	Rotary
Plunger			
Speed	(stokes/min)	93	93
Stroke length	(cm)	76	76
Bale density control			
Hydroformatic system		●	●
Knotter			
Drive		Shaft / gear	Shaft / gear
Protection		Shearbolt	Shearbolt
Twine capacity		6 balls	8 balls
Knotter lubrication		Centralised hand pump	Centralised hand pump
Tyres			
Left	(size)	27x9.50-15 (6 ply)	31x13.50-15 (6 ply)
Right	(size)	27x9.50-15 (6 ply)	31x13.50-15 (6 ply)
Baler dimensions and weight			
Length (without chute)	(cm)	520	520
Width	(cm)	279	304
Height	(cm)	178	180
Weight	(kg)	1540	1620

● Standard ○ Optional – Not available

AT YOUR OWN DEALER



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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.

The data indicated in this folder is 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 Australia - BC5000 05/09