

BC5000

BC5060 | BC5070



- 4 **BALING EXCELLENCE** 
- 5 **SIMPLICITY IN OPERATION** 
- 6 **MATCHING YOUR PERFORMANCE EXPECTATIONS** 
- 7 **RELIABILITY AND QUALITY** 
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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 balers 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 1,8 m Super Sweep™ pick-up allowing swift travel along small lanes, smooth passing through narrow gates and compact storage in confined spaces. The wider 2 m 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.

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.



MAINTAINING CONSISTENT BALE DENSITY

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



REDUCED DAILY DOWN TIME

Trouble-free baling at high capacity during long days is possible without having to interrupt for lubrication requirements. An optional self contained centralised hand pump operated oiling system for the knotters reduces wear and daily maintenance time. The six-ball twine box 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 knottter 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

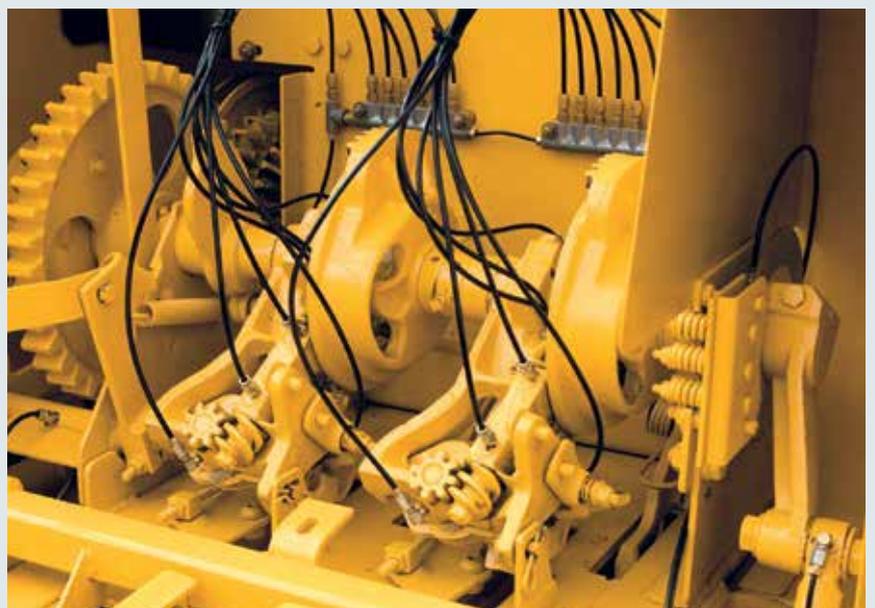


Producing high quality bales day after day, season after season requires robust and reliable drive lines. The dimensions of the shafts, chains and gears as well as the quality of the steel, reflect New Holland craftsmanship and experience. To prevent the build-up of stress on the functional components, 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.

Picture right shown with optional centralised knotter lubrication.



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 | | 2 | 2 |
| 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 | | 6 | 6 |
| Number of spring tines | | 132 | 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 | | | |
| Manual tension springs | | o | o |
| Hydroformatic system | | ● | ● |
| Knotter | | | |
| Drive | | Shaft / gear | Shaft / gear |
| Protection | | Shearbolt | Shearbolt |
| Twine capacity | | 6 balls | 6 balls |
| Centralised knotter lubrication | | o | o |
| 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 o Optional – Not available



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