CASE IH
AGRICULTURE

RB SERIES FIXED CHAMBER

Formed and packed to perfection
The spring tensioned control system produces a 1.25m diameter bale of high quality and outstanding density.

Electronic bale management system
Gives total control from the moment you start to bale and incorporates a self-diagnosis alarm system for more efficient operation.

Ideal bale formation
High strength steel rotation bars give positive crop rotation what ever the crop conditions.

Two operations in one
RB 344 SILAGE-PACK saves operators time and effort by combining baling and wrapping in one efficient operation.

A safe landing
A spring loaded bale ramp pushes the bale clear of the tailgate to ensure no outer surface damage.

Quality bedding and feed
The three layer bale formation process ensures superb bale quality and appearance, with a weatherproof exterior.

Environmentally friendly
Wide flotation tyres are available to improve handling and reduce the risk of ground compaction.

COMPACT, LIGHT AND MANOEUVRABLE

Fully wrapped from edge to edge
Electronically controlled net or twine (when specified), gives sturdy, tight bales of excellent quality.

High capacity crop flow
The 1.4 metre wide, high capacity rotary feeder or cutter is 20cm wider than the balechamber, to give high quality bales with compact, firm edges.

Nothing lost or wasted
RB balers feature a 2.0 metre wide pick-up, with close tine spacing and excellent height control.

At Case IH we like to keep farmers productive especially during harvesting. That's why we have introduced a new fixed chamber round baler, capable of harvesting the crop with remarkable speed and efficiency.

Simple design, reliable performance. The field proven design concept of the RB 344 is simple and effective, incorporating many features to give farmers and contractors the help they need for a successful harvest.

Nothing missed. The wide pick-up with closely spaced tines and long tine guards, ensures that all the crop is collected and in a smooth, positive flow to the feeder and bale chamber.

Precisely formed to your exact specifications. Bale density can be adjusted and monitored from the comfort of the tractor seat and the wrapping system is unbeatable, so there's no problem in rolling a perfect bale whatever the crop type or conditions.

Quality in every bale. With a superb density control system, RB balers will produce a highly nutritious bale of excellent shape and appearance, with a low density centre that will improve feed quality and make rolling out easier.

A wide choice of options. RB 344 (1.25 metre bale diameter) features electronically controlled wrapping, with wrapping systems to suit a wide range of harvesting operations.

RB 344 rotor/feeder – 2.0 metre pick-up, for the larger farmer and contractor harvesting mainly silage, requiring twine or net wrapping.

RB 344 SILAGE-PACK – rotor/cutter version with net wrapping and 2.0 metre pick-up, for the larger farmer and contractor requiring film wrapped bales with low labour input.

Multi-crop capability. Whether they are feed, bedding or contract bales the new RB 344 round baler, will have them cut, rolled, bound, wrapped and ready to store faster than the competition.

A clear view of the swath. *Operators have an excellent view of the pick-up across its entire width. This helps maintain bale shape.*

Environmentally friendly. *Large flotation tyres help to reduce soil compaction, especially during headland turns in wet conditions.*

RB 344 SILAGE-PACK *designed for improved feed quality and to operate in all field conditions.*

The 2.0 metre wide pick-up helps ensure full collection of the crop.

An optional, front mounted windguard roller kit improves field performance in high volume silage and hay crops.

Excellent visibility from the tractor seat.

BALING MADE QUICK AND EASY

Nothing lost or wasted. RB round balers offer high performance 2.0 metre wide pick-ups, that feature closely spaced steel tines to make sure all of the crop is collected from the windrow. The tines are spring mounted to retract and prevent any damage to the driveline.

Precision operation. The pick-up features a hydraulic lift, which coupled with the spring balanced flotation system and gauge wheels, ensures that fields are left clean and tidy. The easily adjustable spring will prevent the pick-up tines digging into the ground. The standard plate windguard can be fitted with the optional crop roller kit. This is especially useful in high volume crops, as the roller will prepare a more even crop layer resulting in increased overall baler capacity.

Smooth and constant feeding. RB balers are fitted with rotary feeders to match capacity requirements and to ensure that all the crop is delivered to the bale chamber floor in a smooth and continuous flow. A manual feeder reversing system is fitted to both models to quickly clear any blockages. Additionally a hydraulic feeder reversing kit is available that allows any blockages to be cleared without leaving the tractor seat.

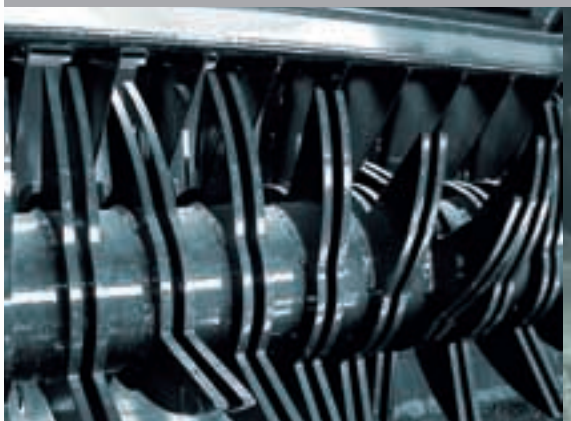
A clear view of the swath. Operators have an excellent view of the pick-up across the entire width. This helps to maximise crop gathering and maintain bale shape.

Less risk of soil damage. RB balers are fitted with large flotation tyres that will keep soil compaction to a minimum, especially during headland turns.

Powerful rotor/cutter. Designed as an integral part of the baling system, the 1.4 metre wide rotor/cutter features a quick change selection system allowing easy changing between 3, 7 or 15 knives. These electrically controlled knives produce high density nutritious bales for easy distribution. Blanking plates can be inserted in place of the knives should they be required. With the rotor cutter, up to a 20% increase in density can be achieved.

Well formed and good looking. For improved bale appearance and stability, operators can set the knives to retract at exactly the correct time to leave an uncut outer layer before wrapping.

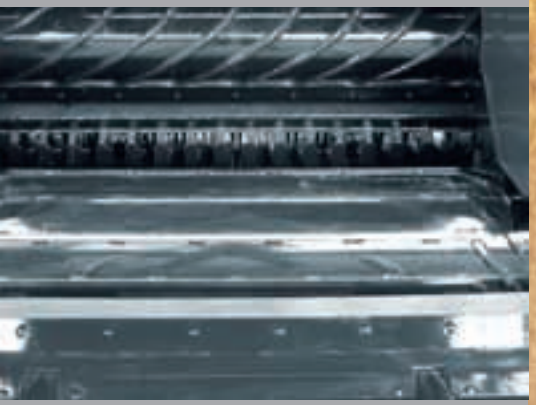
The rotor cutter provides a smooth positive crop flow, resulting in maximum machine output.



A fail-safe simple security system protects all the knives.

Either 3, 7 or 15 knives can be chosen using a simple quick selection system.

Heavy duty floor roller provides gentle but firm rotation while supporting the weight of the bale.



Bale rotation bars provide positive crop movement in all conditions.

Density control system is ideal for producing dense bales in all crop conditions.

PERFECTLY FORMED FOR STORAGE AND TRANSPORT

Simple design for efficient operation. The RB uses a simple and energy efficient chain roller drive system to form the ideal bale, whatever the crop type or conditions.

Firm and gentle rotation. A heavy duty steel floor roller is mounted directly behind the pick-up and feeding unit. This roller supports the weight of the bale as it forms. Welded steel slats fitted across the entire width of the roller's surface encourage bale rotation. This feature helps to produce a weather resistant bale of excellent shape.

Strong and durable. The bale chamber incorporates a fully enclosed roller chain and elevator system that uses 34 heavy duty steel bars to firmly grip the bale as it forms. As the bale grows in size and density, the rotation bars become embedded in the bale's outer surface, giving a positive grip to turn the bale without slipping or jamming. This positive rotation at the early forming stage makes it easier to roll out each bale almost to its centre.

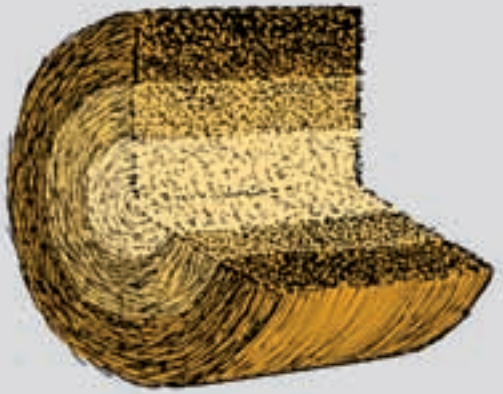
Perfectly formed and structured. The three layer bale formation process ensures superb bale quality and appearance plus a weatherproof exterior.

Always clean and in good shape. The steel stripper roller is designed to prevent the risk of any crop build-up in the chamber which is particularly important when baling silage or cut crops that have a wet and sticky residue.

Set right from the start. To simplify maintenance procedures, factory set chain tensioners keep the baler working at optimum performance levels.

Electronic density control. To produce the ideal bale, density is controlled by two strong springs. After the core is formed and the bale starts to grow, two electronic monitoring devices - mounted between the tailgate and the baler frame - monitor pressure in the bale chamber. The required density level is pre-set on the performance monitor and when this preset level is reached the wrapping process will automatically start after giving the operator a warning signal. This simple and efficient control system allows the operator to make precise density adjustments to suit the crop conditions.

The bales produced are composed of three distinct levels of different density.



Excellent accessibility and loading of twine or net.

A maximum of six spools of twine helps ensure a full day's baling.

The RB 344 SILAGE-PACK. *Prolonged crop exposure or loss of quality due to changes in weather conditions is eliminated.*

ROLLED AND WRAPPED IN UNDER A MINUTE WITH THE RB SILAGE-PACK

Wrapped to stay in great shape. RB balers will ensure that the bales are formed and wrapped right to the bale edges, so that they retain all their storage potential and nutritional value.

Wrapped edge to edge. The net applicator is wider than the balechamber. This allows extra wide net to be used, resulting in superb looking bales. This fast and simple system ensures uniform wrapping and bale shape, whether the crop is wet, wilted or dry.

Automatically cut and ready for ejection. Regardless of whether you are using net or optional twine equipment for wrapping, cutting is fast and automatic leaving the bale ready for immediate ejection.

Efficient bale ejection. The spring loaded bale ramp pushes the bale clear of the tailgate to ensure no outer surface damage, giving the bale a safe and easy landing.

SILAGE-PACK – Two operations in one. By combining the bale forming and wrapping process, baling time and silage quality are improved. No time is lost because wrapping and unloading takes place while the next bale is forming. Prolonged crop exposure or loss of quality due to changes in weather conditions is eliminated.

Electro-hydraulic control. The automatic control system moves and wraps the bale with surprising speed and efficiency - with the combined operation taking only a few seconds more than the standard round baler.

Designed to operate in all field conditions. The superb tandem axle design gives a low centre of gravity with exceptional stability during operation.

Tight and economical. High speed, twin satellite arms with adjustable speeds and a 60% pre-stretch capability, give fast and efficient wrapping. To avoid any film damage, the arms revolve at half speed at the start of the wrapping process. A steel conveyor chain rotates the bale on the wrapping table and four strategically positioned centering rollers protect the film and hold the bale precisely in position, even when working on steep slopes with up to a 15° incline.

An optional quarter turn bale chute is available for those customers wishing to handle and store bales on their ends. This system is favoured in some countries and also has the advantage that bales if placed on their ends will not so readily run away down hills.

Swift, safe and sure. A transfer fork cradles the bale as it moves to the wrapping table, with two guides preventing it sliding sideways. Twin rollers at the rear of the wrapping table pivot to form the unloading ramp.

AUTOMATIC BALE MANAGEMENT CONTROL

Performance at your fingertips. The unique bale performance monitor gives you full control from the moment you start to bale, with twine or net available at the touch of a button. The touchpad control system with manual or automatic modes, enables you to perform all the baler's major operating functions from the comfort of the tractor seat. With all essential set-up and operating data at your fingertips, fine tuning adjustments can be made on-the-move.

Quality bales from the start. As the bale chamber fills, sensors record its size and condition. This allows the operator to drive down any size or shape of windrow and maintain the optimum bale shape and density.

Automatic operation. As soon as the desired bale size is reached, the bale is automatically wrapped ready for the operator to eject. It's simple, fast and very efficient.

The ultimate in flexibility. With the RB electronic system, operators can choose twine or net and change the rolls within a few minutes.

Automatic twine wrapping control. The bale performance monitor is pre-programmed with three settings that can be selected depending on crop type and conditions. A 4th programmable setting is available to suit individual operating preferences.

Precision wrap control. By using the 'wrap' key a precise amount of netting can be applied to the bale between 1.5 and 6 rotations. This will ensure that the bale is perfectly presented and wrapped from edge to edge.

Self-diagnostic system. Designed to instantly alert the operator should any malfunction occur in the system during the baling process.

Fully automated bale formation and electronic bale control at the touch of a button.


RB344
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CASE IH: FOR THOSE WHO DEMAND MORE

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MODEL	RB 344 ROTOR FEEDER	RB 344 ROTOR CUTTER / SILAGE PACK
BALE DIMENSIONS		
Width (cm)	120	120
Diameter (cm)	125	125
TRACTOR REQUIREMENTS		
Minimum PTO power [kW / hp(CV)]	40.4 / 55	51.4 / 70
Hydraulic distributors	1 / 1	1 / 1
PICK-UP		
Width, effective (DIN 11220) (m)	2.0	2.0
Flotation	Adjustable spring	Adjustable spring
Gauge wheels, 15 x 6.00-6	2	2
Roller type windguard front extension	O	O
ROTOR / CUTTER		
Maximum number of knives	–	15
Knife distance (mm)	–	87.5
Knife activation	–	Electric
Knife protection	–	Spring
FEEDING SYSTEM		
Feeder	Rotor with single tines - rotor width 1.4m	Rotor with double tines - rotor width 1.4m
WRAPPING SYSTEM		
Type	Performance monitor controlled net - standard	Performance monitor controlled net - standard
Wrap type	Net or plastic std.- twine option	Net or plastic std.- twine option
Film application	–	Twin satellites 750mm
BALE DENSITY CONTROL		
Type	Tension spring controlled	Tension spring controlled
TYRES		
Standard	15.0/55x17 - 10ply	15.0/55x17 - 10ply
Option	19.0/45x17 - 10ply	19.0/45x17 - 10ply
BALER DIMENSIONS		
Total length (mm)	4050	6200
Total height (mm)	2350	2800
Width, less pick-up wheel (mm)	2450 (with 15.0/55x17)	2850
Width, with pick-up wheel (mm)	2690 (with 15.0/55x17)	2850
Weight (kg)	2775	4810
OTHER EQUIPMENT		
Twine tie	O	–
Performance Monitor	●	●
Hydraulic rotor reverser kit	O	O
Quarter turn bale chute	–	O

● Standard O Optional at extra cost – Not available

Case IH recommends lubricants

SAFETY NEVER HURTS!™ *Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.*

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