

# ROUND BALER

**BALERS**  
RB 545 / RB 545 Silage Pack





# THE INSIDE STORY

Features designed to make a difference

## MORE CHOICES

The RB545 and RB545 Silage Pack come standard with a netwrap system for neatly secured, weatherproof bales that retain shape. Optionally, the Silage Pack allows film wrap for ultimate, immediate silage packaging, wrapping bales right after ejection.

**20** knives  
rotor cutter

# ISOBUS II

with AFS Pro 700 Plus monitor

The RB545 and RB545 Silage Pack round balers from Case IH are designed to make baling faster, easier and simpler, all while producing higher-quality results. Browse the following pages and you'll see just what Case IH engineers have done to make these the best fixed chamber balers we've ever built.

## MORE PRODUCTIVITY

The latest round baler upgrade introduces a 1000 rpm driveline alongside the existing 540 rpm version, enhancing performance for both single and silage pack models. This upgrade ensures smoother crop flow and fewer blockages, effectively handling heavy silage conditions and maximizing efficiency with all 20 knives engaged.

## COMFORT

Control RB545 and RB545 Silage Pack balers effortlessly with ISOBUS technology for peak efficiency. Compatible with Case IH AFS700 or other ISOBUS terminals.

## MORE OPERATIONAL UPTIME

Enhanced durability and operational efficiency are central to the RB545 series, featuring new cold-formed chamber rollers with a ten-notch design for constant bale rotation. Gearbox repositioning improves PTO shaft alignment for both 540 and 1000 rpm drivelines, ensuring reliable performance in diverse conditions and materials.



**122x125** cm  
bale size

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# THE FAB FIVE OF FORAGE HARVEST

Make the most of baling windows


Today, balers need to do more than just baling hay and straw. They have to handle different needs for bale use, sizes, and shapes because no two farms are the same. Case IH makes this easy with their RB round balers, both fixed and variable chamber types, producing tightly packed bales up to 190 cm big.




## RB344


 **BALE SIZE (DIAMETER X WIDTH)**  
125 x 120 cm

 **TRACTOR PTO POWER REQUIREMENT <sup>(1)</sup>**  
70 / 85 hp

 **PICKUP WIDTH**  
2,000 mm


 **ROTOR TYPE**  
• Feeder  
• Cutter 15-8-7-0 knives selection

 **BINDING SYSTEM**  
Twine or Net


 **MAX. OPERATIVE WEIGHT <sup>(2)</sup>**  
2,800 kg




## RB545


 **BALE SIZE (DIAMETER X WIDTH)**  
125 x 122 cm

 **TRACTOR PTO POWER REQUIREMENT <sup>(1)</sup>**  
90 hp

 **PICKUP WIDTH**  
2,140 mm

 **ROTOR TYPE**  
• Cutter 20-10-10-0 knives selection

 **BINDING SYSTEM**  
Net

 **MAX. OPERATIVE WEIGHT <sup>(2)</sup>**  
3,600 kg




## RB545 SILAGE PACK

 **BALE SIZE (DIAMETER X WIDTH)**  
125 x 122 cm

 **TRACTOR PTO POWER REQUIREMENT <sup>(1)</sup>**  
100 hp

 **PICKUP WIDTH**  
2,140 mm

 **ROTOR TYPE**  
• Cutter 20-10-10-0 knives selection

 **BINDING SYSTEM**  
Net

 **MAX. OPERATIVE WEIGHT <sup>(2)</sup>**  
4,800 or 5,100 kg




## RB455-465

 **BALE SIZE (DIAMETER X WIDTH)**  
90-150 x 118 cm or 90-180 x 118 cm

 **TRACTOR PTO POWER REQUIREMENT <sup>(1)</sup>**  
70 / 90 / 105 hp

 **PICKUP WIDTH**  
2,000 or 2,300 mm


 **ROTOR TYPE**  
• Over Shot  
• Feeder  
• Cutter 15-0 knives selection

 **BINDING SYSTEM**  
Twine or Net

 **MAX. OPERATIVE WEIGHT <sup>(2)</sup>**  
3,600 or 3,800 kg




## RB456-466 HD PR

 **BALE SIZE (DIAMETER X WIDTH)**  
90-165 x 118 cm or 90-190 x 118 cm

 **TRACTOR PTO POWER REQUIREMENT <sup>(1)</sup>**  
100 / 120 / 140 hp

 **PICKUP WIDTH**  
2,300 mm

 **ROTOR TYPE**  
• Feeder  
• Cutter 13-0 knives selection  
• Cutter 25-13-12-0 knives selection

 **BINDING SYSTEM**  
Net

 **MAX. OPERATIVE WEIGHT <sup>(2)</sup>**  
4,800 or 5,100 kg



<sup>(1)</sup> Depending on rotor type <sup>(2)</sup> Including PTO shaft and binding rolls; it might differ according to full configuration





# PERFECT BALES

## Time after time

Getting crops into the pick-up swiftly and cleanly is just the start; the real difference is made inside Case IH RB545 models, delivering a continuous stream of well-formed bales.

### UNBLOCKING FEATURE FOR SHORTER DOWNTIMES

The standard drop floor, hydraulically operated from the cab, offers easy blockage removal with a 120 mm opening aimed at the bale chamber. Its double-opening design, wider at the front, ensures no crop loss and eliminates the need for reversing, allowing for uninterrupted baling.

### ROTOR DE-CLUTCH

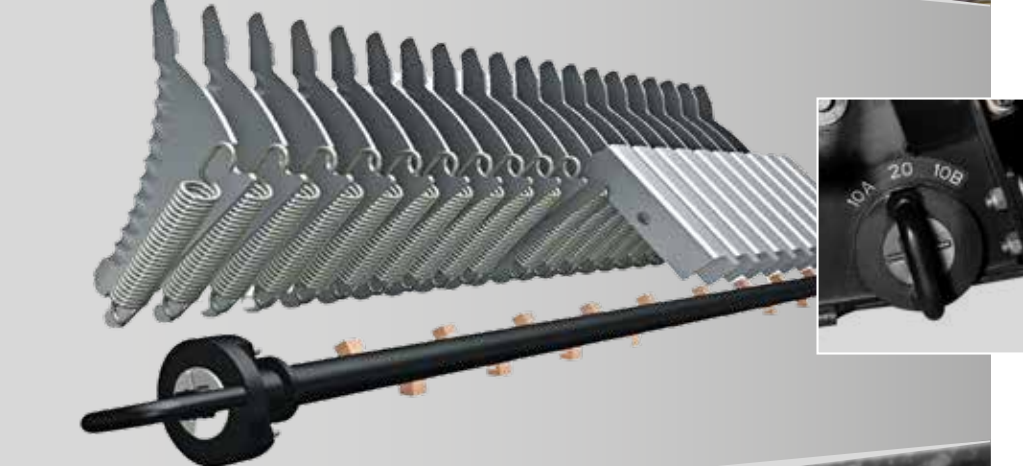
As an alternative to the new standard drop floor feature, there is the option to specify a rotor de-clutch system. In the event of a blockage, this allows the bale in the chamber to be completed and ejected with the pick-up and rotor disengaged, so that the blockage can then be dealt with.

### KEEP PERFORMING

The baler offers three manual knife selection options: using 10 of 20 knives, switching between sets if one becomes blunt, or employing all 20 for maximized cutting performance. Knives automatically retract to clear blockages and return to position once the drop floor is raised.

### ADVANTAGES

- No reversing to deal with blockages
- No material left behind
- Rotor de-clutch option
- 0, 10 or 20 knife engagement
- Auto knife retraction when drop floor engaged



### ROBUST FEEDING SYSTEM

The 2.2 m RB pick-up merges proven variable chamber design with tough 5.5 mm tines from our square balers, for the ultimate in robust reel design. Arranged over five bars with a standard swath roller, it achieves a thorough sweep without leaving anything behind.

### TOP QUALITY FOREST

The rotor cutter's 20 knives maximise cutting performance and thus the quality of the crop. When baling silage, higher compaction means less air in the bale for optimum fermentation, resulting in best fodder quality and subsequently high milk production.

- Versatile solution (dry or silage crops)
- Higher compaction for better fodder quality



### NEW SUSPENSION SYSTEM

A double suspension system cushions the pick-up and aids flotation at high baling speeds, making for smoother baling and reducing the impact of the pick-up on the soil, while minimising the risk of tines striking the ground.





# BALE AND WRAP

## Two tasks, one machine

The RB545 Silage Pack combination transforms grass swaths into silage bales directly, eliminating rehandling. Enhanced crop feeding and a new roller design extract more air from each layer, while improved chamber rollers prevent air inclusion and surface contamination, ensuring cleaner, denser bales.

### USE NET – OR PRE-WRAP WITH PLASTIC FILM

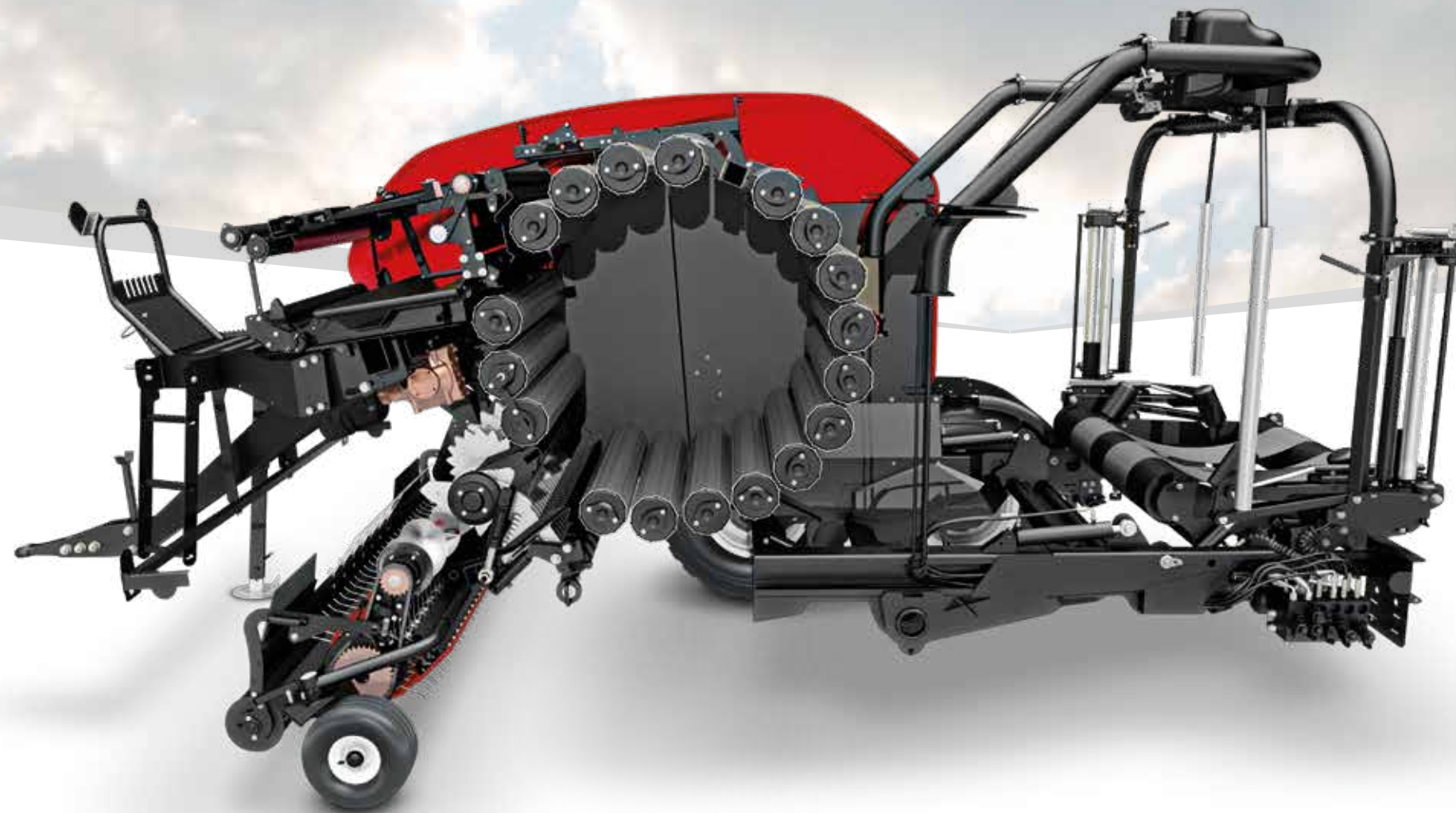
In addition to eliminating the need for netwrap and thereby cutting input costs, replacing net with prestretched film means bales can be utilised more easily and with less wastage in periods of frost, when net can freeze into the bale. The use of wide pre-stretched film in place of net also increases the pressure in the bale.

### BETTER ROTATION

Achieve the highest bale density with 18 heavy-duty rollers. Their full-width form slats ensure a firm, gentle rotation, while the excellent roller surface grip prevents slipping, rotating the bale efficiently for a consistent bale growth. This results in a tightly-packed, moisture-resistant bale every time.

### PRE-WRAPPING & FILMING

The RB545 Silage Pack offers the ability to pre-wrap bales with plastic film in the bale chamber, eliminating the need for the net wrapping. This not only save money and bale finishing time, but it also provides an improved oxygen barrier, maintaining higher forage quality during long storage periods. If film wrapping is not required, film rolls can be exchanged within minutes for net rolls.



Dual pre-wrapping system with net and plastic film

### TREAD LIGHTLY

The RB545 Silage Pack balers offer a smooth, stable ride with tandem axles and 560/45 R22.5 flotation tyres, ensuring optimal weight distribution whether bales are in the chamber or wrapper. Its design minimizes soil impact and enhances maneuverability. For safety on hills and roads, it includes hydraulic and air brake options.



## FINGERTIP CONTROL

### Everything at hand

#### AFS 700 and ISOBUS 2

All primary functions of Case IH RB545 and RB545 Silage Pack balers can be controlled using ISOBUS connectivity, through any compatible ISOBUS terminal. For a perfect match, the Case IH AFS 700 terminal is your ideal operating partner, and the RB545 and RB545 Silage Pack can be ordered with this unit if required, enabling full touchscreen machine operation.

#### HYDRAULIC POWER

Standard RB 545 balers utilize one single-acting valve for the baler tailgate and for pick-up control. Thanks to the splitter valve, you can now control the pickup, knives, and drop floor with just one pair of hydraulic outputs from the tractor, saving space and simplifying coupling/decoupling and field operation. An additional single-acting valve is needed for the optional rotor declutch. RB545 Silage Pack baler-wrapper combos require a single-acting outlet, a double-acting valve with load sensing, and a Power Beyond connection.





# PARTS AND SERVICES

Solutions for your farming

Our professional dealer network backed up by local Case IH teams, industry-leading Case IH support tools, modern training methods, best-in-class replacement parts, support and logistics performance. All you need for an excellent all-encompassing after-sales service to keep you farming.

## GENUINE PARTS THE IDEAL CHOICE

Our wide range of top quality genuine parts can help maintain the full potential of your machine, season after season, guaranteeing top performance, utmost productivity and high residual value.

## REMAN PARTS REMANUFACTURED

Cutting-edge technology, tailored tooling, equipment and stringent quality testing allow us to remanufacture essential components of your machine to the highest standards, ensuring the same performance as new parts.

## ACCESSORIES LINE BUSINESS SOLUTIONS

Our engineers also develop solutions to cover every one of your individual demands, packaged into kits and designed to help improve business efficiency. Your Case IH dealer offers a host of partner-branded tools, small parts and accessories provided by selected partner suppliers.

## MAX SERVICE AROUND THE CLOCK. AROUND THE COUNTRY.

The Case IH support operates around the clock in high season, in close partnership with the dealer network, to minimise any downtime you might experience. Your dealer, together with Case IH Parts & Service team, has the main goal of getting you back to work as quickly as possible. Solutions may come through the priority shipment of needed parts (24/7), the support on field of Case IH technicians, courtesy units wherever applicable.

## SAFEGUARD WARRANTY PROTECT YOUR INVESTMENT

The Case IH Extended Warranty program under the same condition as the first year. SAFEGUARD WARRANTY allows you to protect your investment from exposure to risk of unexpected repair cost, farm with peace of mind, keep operating costs under control and, at same time, increase machine resale value.

## CNH CAPITAL

### OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT

CNH Industrial Capital is the financing company for Case IH. Our employees are financial experts and have many years of experience in agriculture. We not only know about Case IH products and the market – we also understand the individual requirements of your operations. Therefore we are always able to offer you a financial solution for your new investments that is tailored specifically to your operational requirements. Our most important goal is improving the profitability of your investments!





MODELS	RB545	RB545 SILAGE PACK
<b>BALE DIMENSIONS</b>		
Width (cm)	122	122
Diameter (cm)	125	125
<b>TRACTOR REQUIREMENT</b>		
Minimum PTO power (kW/hp(CV))	90 / 120	100 / 134
PTO speed	540 rpm / 1000 rpm	540 rpm / 1000 rpm
Hydraulic distributors	2 / 3 (with Rotor declutch)	1 + Power Beyond / 2 + Power Beyond (Load sensor)
<b>PICK-UP</b>		
Width, effective (DIN 11220) (m)	2.14	2.14
Flotation	Adjustable spring	Adjustable spring
Pick-up bars	5	5
Number of pick-up tines per row	16	16
Pick-up wheels Fixed	●	●
Castering	○	○
<b>INTEGRATED CHOPPING SYSTEM</b>		
Rotor cutter	Rotor with dual tines - rotor width 1.4 m	
Number of knives	0 / 10 / 20	0 / 10 / 20
Theoretical chop length (mm)	52	52
Drop floor	Spring tensioned	Spring tensioned
Knife protection	●	●
Rotor declutch	○	○
<b>BALE CHAMBER</b>		
Number of compression rollers	18 profiled, reinforced rollers - driven by automatically oiled heavy duty chain	
<b>WRAPPING SYSTEM</b>		
Type	Performance monitor controlled AFS 700	
Wrap type	Net	Net / plastic
Film application	-	Twin satellites 750 mm
Wrapping capacity (approximate bales/hour)	-	40-50
<b>BALE DENSITY CONTROL</b>		
Type	In cab	In cab
<b>TYRES</b>		
Standard	500 / 55 x 20	500 / 55 x 20
Optional	500 / 60 x 22.5	560 / 45 x 22.5
<b>BALER DIMENSIONS<sup>1)</sup></b>		
Hydraulic brakes	●	●
Pneumatic	○	○
A: Width (mm)	2,959	2,995
B: Max length (mm)	4,380	6,950
C: Total height (mm)	2,330	3,190
Weight (kg) <sup>2)</sup>	3,600	6,200
<b>OTHER EQUIPMENT</b>		
Automatic greasing and lubrication	●	●
Working lights on wrapper	-	○
Camera control of wrapping	-	○
Bale flipper to turn bale on its side	-	○

1) Dimensions with standard tires, they might vary according configurations (tires, pickup wheels and hitch)

2) Max operative weight including PTO shaft and net/plastic rolls



! Free phone: 00 800 22 73 44 00

Safety never hurts! Always read the Operator's Manual before working with 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. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.

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