

**CASE IH**  
AGRICULTURE

# RB4 SERIES ROUND BALERS



## DENSE, UNIFORM BALES IN ANY CROP CONDITION

Start building dense, flawless round bales with the **Case IH RB 4 Series Round Balers**. They pack more of your valuable crop into a weather-resistant, edible package.

**More tines grab more hay.** The Case IH pickup gently gathers every bit of the crop you grow, saving nutrition-packed leaves. Its unique design allows the pickup to float over ground contours. And, it has more tines than ever before — from 72 tines on the RB444 to 128 tines on the wide-pickup-equipped RB564. Depending on the model, the pickups are 20 percent wider than the bale chamber. They pick up the widest windrows and eliminate the need for gathering wheels

to fill the sides of the bale chamber for firm, square-shouldered bales. The wide pickups now feature longer, large-diameter augers that assure smooth crop flow in heavy conditions. All pickups are protected from overload with a slip or ratchet clutch.

**Durable belts and rolls.** The RB 4 Series uses the combined action of chevron pattern belts and sturdy all-steel rolls to form dense bales of excellent shape.

The floor roll starts the process by moving crop from the pickup to the belts and into the core cavity. There, forming rolls help to curl the crop and quickly start an edible core in all crop conditions. The six chevron belts (eight on the RB554 and RB564) grip the crop and flex over the bale surface, providing 91 percent coverage of the bale to reduce losses. Heavy-duty 3-ply endless belts — standard on the RB454 Silage and Rotor Cutter versions; optional on the RB564 — eliminate lacing maintenance and provide longer life.

**Customized bales.** RB 4 Series balers help you custom-build the round bales you need for your operation. An adjustable hydraulic belt-tensioning system puts superior bale density control right at your fingertips. You can easily monitor bale density in the field by referring to the pressure gauge on the front of the baler. To adjust density pressure, simply turn the valve handle. You can also customize bale diameter as needed, thanks to the variable chamber.

Take control of your round baling operations. See your Case IH dealer for more details on RB 4 Series Round Balers.

*With a Case IH RB 4 Series Round Baler, you roll your nutrient-rich crop into a dense, weather-resistant package. Standard bale ramps on all models roll the bale away from the baler so that you can close the tailgate without having to back up.*

## RB 4 SERIES ROUND BALERS

The pickup's forward location allows you to see windrows feeding and the crop flowing evenly into the bale chamber. On some models, the pickup is 20 percent wider than the bale chamber. The low profile, positive feed action helps feed the corners of the bale chamber for tight square-shouldered bales. A convenient hand crank lets you raise the pickup for transport. All Case IH balers feature dual-cam track design for baling in tough conditions (excluding the RB444, which is single-cam).



You can adjust the pressure on the bale density system without tools, allowing you to build bales just the way you want them. The easy-to-read gauge on the front of the baler lets you monitor system pressure from your tractor seat. Bale density is controlled hydraulically with a self-contained system. Requiring little maintenance, this system eliminates problems that can be caused by dirty hydraulic fluid and complicated hydraulic valves.



Model	Bale Width	Bale Diameter	Bale Weight
<b>RB444</b>	3.9 ft. (1.2 m)	2.5–4 ft. (0.76–1.2 m)	300–750 lbs. (136–340 kg)
<b>RB454</b>	3.9 ft. (1.2 m)	3–5 ft. (0.9–1.5 m)	400–1,200 lbs. (181–544 kg)
<b>RB454</b> Rotor Cutter Silage	3.9 ft. (1.2 m)	3–5 ft. (0.9–1.5 m)	550–1,800 lbs. (249–816 kg)
<b>RB464</b>	3.9 ft. (1.2 m)	3–6 ft. (0.9–1.8 m)	400–1,650 lbs. (181–748 kg)
<b>RB554</b>	5.1 ft. (1.6 m)	3–5 ft. (0.9–1.5 m)	500–1,550 lbs. (227–703 kg)
<b>RB564</b>	5.1 ft. (1.6 m)	3–6 ft. (0.9–1.8 m)	500–2,200 lbs. (227–998 kg)

The RB 4 Series balers offer many standard features, including a continuous-run PTO so you don't have to disengage the PTO to eject a bale. Other features include a wide pickup with gauge wheel, a full-bale alarm, a spring-loaded bale ramp, a tailgate latch indicator and a bale counter. A spring and hydraulics maintain bale density (the RB444 is spring only). It applies less pressure at the start of the bale and increased pressure with hydraulics as the bale gets larger for a dense, weather-resistant outer shell and a core that's easy to shred or feed.



## BUILD BETTER BALES WITH IN-CAB GUIDANCE

RB 4 Series Round Balers are designed to make your job easier. Choose from the Electronic Auto-Controlled Twine/Mesh Wrap System or the Electric-Controlled Twine Wrap System. Both feature an easy-to-use, in-cab monitor that makes you more efficient in the field.

The electric controlled monitor uses visual bar graphs and audible signals to guide your driving pattern to produce uniform bales. It helps you make consistent, high-quality bales — no matter what the crop, no matter what the conditions.

Now that you've made the perfect round

bale, you can rely on the dependable RB tying and wrapping systems to finish the job perfectly as well.



*With the Electric-Controlled Twine Wrap System, the bale-shape sensor guides your driving patterns to feed windrows evenly. Bale shape bars and audible alarms indicate which side of the bale needs more crop.*



*The Electronic Auto-Controlled Twine/Mesh Wrap System allows you to control operations right from your tractor cab. With a few simple keystrokes, you can adjust bale size, change tying patterns, monitor your bale count and engage diagnostic functions.*

## PRECISE TYING AND WRAPPING

### **Consistent, automatic twine tying.**

The Electric-Controlled Twine Wrap System ensures consistent twine placement so your dense, high-quality bales stay that way. The programmable system automatically starts the twine wrapping process, so you don't have to worry about activating or controlling the twine wrapping — unless you choose to.

**Here's how it works.** A full-bale alarm alerts you to stop forward motion, and the tying cycle starts automatically. The twine arms follow one of four programmed twine-tie patterns.

**Four models offer mesh/twine wrapping productivity.** For a bale package that's smooth and tight, end to end, choose the optional Electronic Auto-Controlled Twine/Mesh Wrap System available on the RB454 Silage, RB454 Rotor Cutter Silage, RB464, and RB564 models.

With a few simple keystrokes of the in-cab monitor, you can adjust bale size, change tying patterns, monitor your bale count and engage diagnostic functions. Plus, it lets you switch from twine to mesh wrap with the press of a button — without removing mesh or re-threading twine.

Mesh wrapping lets you retain more leaves, and provides excellent weather-resistance for reduced spoilage. And mesh wrapping requires fewer revolutions to complete the bale than twine tying, so you get out of the field faster.

The electronic auto-controlled monitor allows you to manually start the tying/wrapping cycle if necessary. The monitor also includes a tailgate latch indicator and a bale counter that provides daily and total bale counts.

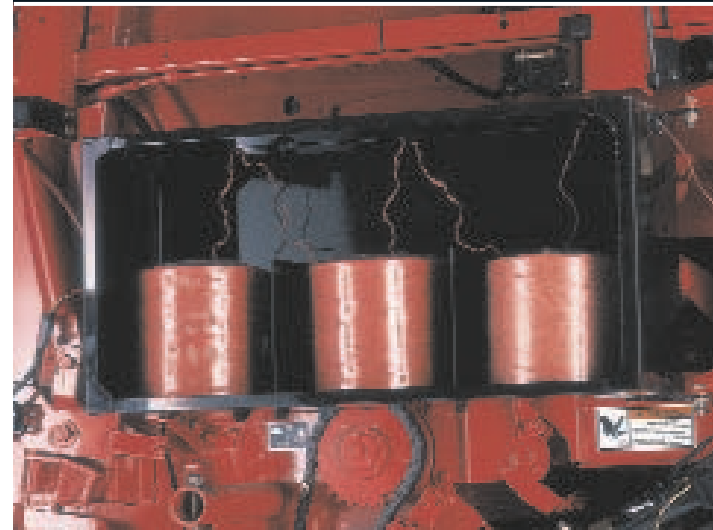
### **Simple, reliable RB444 tying system.**

The RB444 ties 4·4 ft. bales fast with an electric, single-arm twine system that applies two strands of twine at the same time. The twine guide is adjustable so you can change placement of twine on the ends of the bales. A full-bale light alerts you when it's time to activate the twine arm.

For complete details and a demonstration, be sure to see your Case IH dealer.



*Full-coverage, over-the-edge mesh wrapping system completely covers bales to retain more leaves and provide excellent weather resistance. The optional Electronic Auto-Controlled Twine/Mesh Wrap System allows you to change between twine and mesh wrap with the press of a button.*



*The twine boxes, mounted on each side of the baler, offer plenty of storage. All twine/mesh balers hold six balls of twine and two rolls of mesh. Optional twine boxes are available to hold up to maximum of 12 balls of twine.*

# RB454 BALERS

## HIGH-QUALITY HAYLAGE WITHOUT A SILO

Perfect for dry and high-moisture crops, the Case IH RB454 model is also available in either a Silage or Rotor Cutter Silage version to handle the challenging conditions of silage baling. Both units turn crops with up to 65 percent moisture content into palatable, high-protein round-bale silage, drastically reducing time spent waiting for drydown.

*The RB454 Silage produces high-quality 4 x 5 ft. (1.2 x 1.5 m) bales in both dry and high-moisture conditions. For longer life in heavy silage crops, this model is equipped with extra features, including a dual-cam pickup, a heavy-duty pickup frame and endless belts.*

### Special features for added durability.

The RB454 Silage and Rotor Cutter balers are designed to give you top performance in tough, high-moisture crop conditions. The dual-cam pickup features larger-diameter augers, an angled feeder floor and a heavy-duty frame to handle heavy, wet silage crops with ease. And, the heavy-duty feeder features two positions designed specifically for silage baling. Heavy-duty 3-ply chevron-patterned endless belts eliminate the need for lacings, which translates into better durability in wet, stemmy silage. A rubber backwrap roll prevents sticky crop buildup and eliminates the need for a scraper.

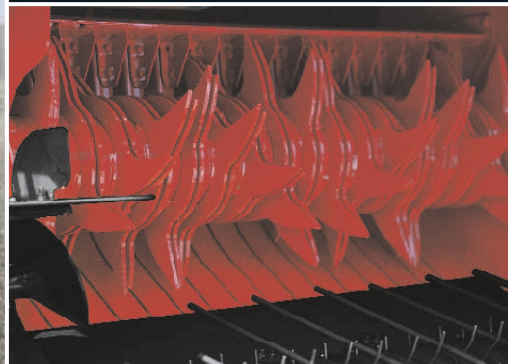
On the Rotor Cutter version, a large-diameter rotor located just behind the pickup teams with 15 stationary knives to cut crop as short as 2.6 inches. The result is higher-quality haylage, less wasted dry hay, and better bedding for animals. Cut haylage compacts into a more-dense bale for more complete fermentation. Shorter-cut dry hay helps reduce waste when feeding cattle in bunks. In a total mixed ration, cut hay saves a step for grinding and makes for easier mixing. And cut straw is more absorbent plus simplifies manure removal.

Learn more about how the RB454 Silage and Rotor Cutter balers can help you make palatable, high-protein round-bale silage. Visit your Case IH dealer today.



*Higher-quality haylage is what you get from the rotor and knife system on the Rotor Cutter baler. It cuts crop length into more compacted, dense bales with less air, which aids fermentation for better silage.*

*A rubber backwrap roll eliminates the need for a scraper by preventing wet, sticky material from building up on the belts when working in moist silage conditions.*



# SPECIFICATIONS

MODEL	BALE SIZE	BALER PICKUP	BALE CHAMBER	BALE WRAPPING
<b>RB444</b>	Diameter: 2.5–4 ft. (0.76–1.2 m) Width: 3.9 ft. (1.2 m) Weight: 300–750 lbs. (136–340 kg)	Overall width: 5 ft. (1.5 m) Tine-to-tine width: 3.7 ft. (1.1 m) 72 tines on 4 bars, Single-cam track	6 3-ply belts; 7 in. (18 cm) wide; 2 double extension spring assemblies	Single pivoting twine arm; two twine tubes; Electric actuation; Manual spacing control; 4-ball capacity
<b>RB454</b>	Diameter: 3–5 ft. (0.9–1.5 m) Width: 3.9 ft. (1.2 m) Weight: 400–1,200 lbs. (181–544 kg)	Overall width: 6.4 ft. (1.9 m) Tine-to-tine width: 5 ft. (1.5 m) 96 tines on 4 bars, Dual-cam track	6 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 1 extension spring, 1 hydraulic cylinder	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity
<b>RB454 Silage</b>	Diameter: 3–5 ft. (0.9–1.5 m) Width: 3.9 ft. (1.2 m) Weight: 550–1,800 lbs. (249–816 kg)	Overall width: 7 ft. (2.1 m) Tine-to-tine width: 5.9 ft. (1.8 m) 112 tines on 4 bars, Dual-cam track	6 endless 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 1 extension spring, 1 hydraulic cylinder	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity; Electric auto-controlled twine/mesh wrap with over-the-edge full-bale coverage mesh wrap
<b>RB454 Rotor Cutter Silage</b>	Diameter: 3–5 ft. (0.9–1.5 m) Width: 3.9 ft. (1.2 m) Weight: 550–1,800 lbs. (249–816 kg)	Overall width: 7.8 ft. (2.4 m) Tine-to-tine width: 6.8 ft. (2.07 m) 128 tines on 4 bars	6 endless 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 1 extension spring, 1 hydraulic cylinder	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity; Electric auto-controlled twine/mesh wrap with over-the-edge full-bale coverage mesh wrap
<b>RB464</b>	Diameter: 3–6 ft. (0.9–1.8 m) Width: 3.9 ft. (1.2 m) Weight: 400–1,650 lbs. (181–748 kg)	Std. / Opt. overall width: 6.4 ft. (1.9 m) / 7 ft. (2.1 m) Tine-to-tine width: 5 ft. (1.5 m) / 5.9 ft. (1.8 m) 96 tines on 4 bars / 112 tines on 4 bars, Dual-cam track	6 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 2 extension springs, 1 hydraulic cylinder	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity; Electric controlled twine wrap
<b>RB554</b>	Diameter: 3–5 ft. (0.9–1.5 m) Width: 5.1 ft. (1.6 m) Weight: 500–1,550 lbs. (227–703 kg)	Overall width: 7.4 ft. (2.2 m) Tine-to-tine width: 5 ft. (1.5 m) 144 tines on 6 bars, Dual-cam track	8 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 2 extension springs, 2 hydraulic cylinders	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity
<b>RB564</b>	Diameter: 3–6 ft. (0.9–1.8 m) Width: 5.1 ft. (1.6 m) Weight: 500–2,200 lbs. (227–998 kg)	Std. / Opt. overall width: 7.4 ft. (2.2 m) / 7.8 ft. (2.4 m) Tine-to-tine width: 5 ft. (1.5 m) / 6.8 ft. (2.07 m) 144 tines on 6 bars / 128 tines on 4 bars, Dual-cam track	8 3-ply belts; 7 in. (18 cm) wide; Hydraulic density control; 2 extension springs, 2 hydraulic cylinders	Dual twine arms; Electric actuation adjustable spacing control; 6-ball capacity; Electric auto-controlled twine/mesh wrap with over-the-edge full-bale coverage mesh wrap

MODEL	TIRES	REQUIREMENTS	STANDARD FEATURES	OPTIONAL FEATURES
<b>RB444</b>	11Lx14, 6-ply	540 rpm PTO Minimum: 40 PTO hp (30 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Transport lights; Highway transport chain	6-bar pickup conversion kit; Lacing cable kit; In-feed disc kit; Left-hand pickup wheel kit; Fire extinguisher; Control box mounting kit
<b>RB454</b>	31x13.5-15, 6-ply	540 rpm PTO Minimum: 60 PTO hp (45 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Transport lights; Highway transport chain; External sealed bearings	Lacing cable kit; Serpentine roll scraper kit; Hydraulic pickup lift kit; Infeed disc kit; Green feed kit; External expeller roll kit; Front twine storage box kit; Chain oiler kit; Control box mounting kit; Fire extinguisher; Windrow gathering wheels
<b>RB454 Silage</b>	31x13.5-15, 6-ply	540 rpm PTO Minimum: 65 PTO hp (48 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Highway transport chain; Rubber backwrap roll assembly; Looped rolls with scraper; External sealed bearings; Adjustable clevis hitch; In-feed discs	External expeller roll kit; Front twine storage box kit; Hydraulic pickup lift; Fire extinguisher; Chain oiler kit; Control box mounting kit; Locking hitch pin kit
<b>RB454 Rotor Cutter Silage</b>	480x45-17	540 rpm PTO Minimum: 100 hp (75 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Highway transport chain; Rubber backwrap roll assembly; Looped rolls with scraper; External sealed bearings; Adjustable clevis hitch; In-feed discs	External expeller roll kit; Fire extinguisher; Chain oiler kit; control box mounting kit; Locking hitch pin kit
<b>RB464</b>	31x13.5-15, 8-ply	540 rpm PTO Minimum: 70 PTO hp (52 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Transport lights; Highway transport chain; External sealed bearings; Adjustable clevis hitch	External expeller roll kit; Serpentine roll scraper kit; Front twine storage box kit; Hydraulic pickup lift; Windrow gathering wheels; Fire extinguisher; Chain oiler kit; Control box mounting kit; Apron declutch kit; Locking hitch pin kit; Hydraulic bale push ramp
<b>RB554</b>	14Lx16.1, 8-ply	540 rpm PTO Minimum: 70 PTO hp (52 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Transport lights; Highway transport chain; In-feed discs	External expeller roll kit; Serpentine roll scraper kit; Front twine storage box kit; Hydraulic pickup lift; Windrow gathering wheels; Fire extinguisher; Chain oiler kit; Control box mounting kit; Apron declutch kit; Locking hitch pin kit
<b>RB564</b>	14Lx16.1, 8-ply 18Lx16.1SL, 10-ply	540 or 1000 rpm PTO Minimum: 80 PTO hp (60 kW)	Bale-size indicator; Twine tube position indicator; Bale counter; Tailgate latch indicator; Full bale alarm; Apron declutch kit; Transport lights; Highway transport chain; in-feed discs	External expeller roll kit; Serpentine roll scraper kit; Front twine storage box kit; Hydraulic pickup lift; Windrow gathering wheels; Fire extinguisher; Chain oiler kit; Control box mounting kit; Double spring bale ramp kit; High moisture kit; Locking hitch pin kit; Hydraulic bale push ramp



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**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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