

# RB455A ROUND BALER



## INTRODUCING A MACHINE THAT MAKES SUPERIOR HAY BALES, NOT EXCUSES.

When a window of opportunity opens up, you need to be ready with a machine that's easy to hook up, operate and maintain. Thanks to our engineers' and designers' tireless efforts, the new RB455A Round Baler comes to you with these efficiencies already built in. From the greater visibility provided by the forward position of the pickup to the superior bale chamber design, the new RB455A Round Baler is ready to roll when you are.



**BE READY.**

### PERFORMANCE

The RB455A baler's crop pickup is positioned in front of the bale chamber, creating a superior feed that not only allows you to pick up more material quicker, but also lets you achieve faster ground speeds. Plus, thanks to our innovative roll belt design, you'll get dense, square-shouldered bales that are easier to stack.

### RELIABILITY

The window for baling is narrow. The crop and weather conditions are just right and you need a baler that is too. That's why the RB455A baler is engineered and assembled for reliable performance with features like shot-peened tines, a fixed clevis hitch for strength and durability and a powered floor roll that supports the bale weight, giving belts longer life. Our simple and dependable net and twine systems are designed to ensure uniform, high-quality bales no matter what the crop or condition.

### VALUE

Value is more than just a great machine at a great price. It's how great that machine is able to continue to save you money and time long after you've left the dealership. The RB455A Round Baler is built tough to last season after season, it's built smart to make it easy to maintain and operate, and it's built right so it produces bale after bale of dense, high-quality hay.

CASE IH RB455A ROUND BALER  
BALE CHAMBER  
PRODUCT SPECIFICATIONS

4-5

6-7

8

## A SMALLER ROUND BALER THAT ROLLS LIKE THE BIG BOYS

This baler packs a ton of value into a compact size and was developed to meet the needs of the rural lifestyle rancher or small farmer. It boasts the added features normally showcased on the larger RB Series balers, but is specifically designed for those demanding high quality hay at a convenient low price.



### HITCH AND HOOK UP

Hooking up this baler is simple and straightforward, thanks to a strong, durable, fixed-clevis hitch. The constant velocity driveline provides 60 degrees of free rotation between front and rear halves, creating a smooth power flow. The main drive is a 540 rpm PTO with shearbolt protection.



### PICKUP

To allow for better visibility of the crop feed while operating, the RB455A pickup is positioned out in front of the bale chamber. The 4-bar, 72-tine pick up efficiently picks up the crop, providing more even feeding and faster baling speeds. To ensure greater durability and longer, trouble-free service life, all tines are shot-peened and the pickup is protected by a breakaway drive chain. Optional gathering and pickup wheels are available, as is the optional hydraulic pickup.



### SERVICEABILITY

Case IH engineers have designed the new RB455A Round Baler to deliver hours and hours of productivity with even longer maintenance intervals. And when it is time for service, convenient features like large swing-open doors make access simple and ensure that service is quick and easy.

# RB455A BALE CHAMBER

Well-formed, dense bales hold their shape, stand up to the weather better, and are easier to handle, transport and stack. Like all Case IH RB Series balers, the RB455A baler uses a combination of belts and rolls to form the bale. The benefit is clear: greater density bales without undue stress on the belts. This baler uses five powered rolls. The rolls work together to maintain a smooth bale face and help reduce lumps and unevenness in finished bales. When it's all said and done, the RB455A baler produces up to a 4x5 foot bale weighing as much as 1,000 lbs.



### UNIQUE CASE IH ROLLER SYSTEM

- A** The powered floor roll supports the bale weight as it is being formed, alleviating undue stress on belts and eliminating the need for heavy-duty lacing.
- B** The larger feeder opening allows for consistent crop flow into the chamber in almost any field condition.
- C** The starter roll begins forming the bale, working with the belts to grow the bale shape.
- D** The fixed roll is ribbed and aids in core formation.
- E** The pivot roll is dimpled, resulting in more aggressive bale formation.
- F** The ribbed stripper roll works in tandem with the fixed roll to aggressively form and maintain bale shape.
- G** The bale density and shape sensing system utilizes two sensors mounted in the bale chamber on either side of the floor roll. During formation, the bale pushes directly against the two sensors as the bale is built. This system provides the most accurate method of sensing bale shape in the industry. It has been proven that round bales with dense sides stack better and remain stacked.



### STANDARD TWINE WRAPPING

The RB455A comes standard with a single arm wrapping system with 4-ball capacity and standard control box. Dual twine tubes position twine across the entire bale for reliable tying.



### OPTIONAL MESH WRAP

To speed up baling, Case IH also offers mesh wrap. The RB455A baler is capable of running "over-the-edge" mesh wrap which provides full bale coverage to retain more leaves and provide excellent weather resistance. An optional storage compartment for a second roll of mesh wrap is located at the rear of the baler within easy reach. Like the RB 4 Series balers, both net and twine are front loading, providing a short path for optimum wrapping quality. A window allows you to see from the tractor cab that the bale is being wrapped properly.



### STANDARD CONTROL MONITOR

The standard monitor features a full bale indicator alarm, automatic or manual bale wrapping modes, three preset wrap patterns (low, medium and high) and extend/retract control for manual net wrap or twine control.



### DELUXE CONTROL MONITOR

The optional deluxe control system includes all the features of the standard monitor plus an LCD display for configuring a custom wrap pattern, end wrap adjustments and bale size control. Select from net/twine or twine only deluxe monitor options.



### MORE BALER OPTIONS

The RB455A can be customized for your specific operation with options like a bale ramp to eliminate the risk of closing the tailgate on the bale. Optional 31x13.5-15 flotation tires provide smoother baling in rough field conditions and reduce soil compaction.



**RB455A UTILITY BALER – NEXT GENERATION VARIABLE CHAMBER ROUND BALER**

**BALE SIZE**

Bale Diameter/Width/Weight 36 – 60 in. (915 – 1524 mm) / 46.5 in. (1182 mm) / 1,000 lbs. (454kg)

**BALER DIMENSIONS AND WEIGHT**

Overall Length/Width (Gate Closed) 163 in. (4134 mm)/85 in. (2162 mm)

Overall Height/Weight (Gate Closed) 100 in. (2534 mm)/3,460 lbs. (1569 kg)

**BALE FORMING**

Number of Forming Belts (All Chevron Design) 5

Belt Width 7 in. (178 mm)

Belt Length 343 in. (8712 mm)

Total Number of Rolls 14

Tensioning Method 1 Extension Spring, 1 Hydraulic Cylinder

**BALE EJECTOR**

Bale Ramp Optional

**STANDARD PICK UP**

Feeder Type Standard

Overall Width 62 in. (1554 mm)

Width Between Outside Tines 45 in. (1134 mm)

Tine Spacing 2.62 in. (67 mm)

Number of Tine Bars 4

Number of Tines 72

Number of Windguard Fingers 9

Pickup Drive Chain

Pickup Drive Protection Breakaway Chain

Pickup Wheel Optional

**WRAPPING SYSTEM**

Twine System Type Electric, Center Pivot, Single Arm with Dual Twine Tubes

Twine System Control Automatic, Electric

Number of Twine Balls 4

Netwrap Option Optional

**MAIN DRIVE**

Standard Main Drive Protection Shear Bolt

PTO, Rated RPM 540

PTO Category Rating 4

**TRACTOR REQUIREMENT**

Minimum Tractor PTO 40 hp (30 kW)

Minimum Number of Hydraulic Remotes 1 to 2

**MONITORING**

Twine Wrap Monitor Optional

Net Wrap Monitor Optional

**TIRE SIZE**

Standard Baler Tire Size 11L - 154

Optional Baler Tire Size 31 × 13.5 - 15

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