457 Standard Round Baler
If you’re looking for a baler that can make a great-looking twine-wrapped bale at a very affordable price, look no further. The features on the all-new 457 Standard Baler make it quick and easy to turn windrows into tight, dense, four-foot round by up to five-foot tall bales. All you have to do is pull up to a windrow and go.

A low-profile pickup hugs the ground to minimize crop losses. Then, legendary John Deere Diamond-Tread belts gently grip hay for fast bale starts, especially in slick, dry baling conditions. The ultimate in simplicity; easy-to-read mechanical indicators. They help you make perfectly shaped bales, bale after bale after bale.

Plus, this baler fits the smaller operation. You won’t need to buy a bigger, more powerful tractor to operate this baler. You can use a tractor with as little as a 55 PTO horsepower. Flip through the following pages to find out how simple and easy this baler is to use.
Most service points are within arms’ reach and are easy to do yourself, saving you time and headaches.

Adjusting bale diameter has never been this easy. All you have to do is loosen, adjust, then tighten a bolt to change bale diameter from 60 to 35 inches.

When it comes to aftermarket support, nobody stands behind the sale like your John Deere dealer.
Perfectly shaped and sized

Pickup/Belts

It’s never been this easy to start a bale. With the all-new 457 Standard, all you have to do is pull up to a windrow and go.

The wide, 46-inch pickup is mounted close to the baler’s axle for better ground gauging and crop retrieval. And wide pickup flares keep hay flowing into the pickup…hay that other balers leave behind.

The 457 Standard also features the same legendary Diamond-Tread belts found on all other John Deere round balers. As the belts travels over the roller, the exclusive diamond pattern expands slightly to gently grip incoming crop for a fast start.

And, since the belts enclose 91 percent of the bale, there’s less leaf loss, keeping each bale packed with more nutrients. You get the best quality bales with more feed value every time.

The standard hydraulic control system is also preset at maximum pressure, ensuring a consistently-dense bale…all the way from the core to the outer layer.
This simple mechanical shape monitoring system is a quick and easy way to see how your bale is forming. Two bar indicators show you how much crop is being fed into each side of the baler.

Right Side  Left Side

If you see the bar on the left dipping, steer to the right to feed the left side of the baler.

Right Side  Left Side

If you see the bar on the right dipping, steer to the left to feed the right side of the baler.

Right Side  Left Side

When the desired size is reached, you’ll want both bars even, near the top.

This mechanical size indicator lets you follow the size of the bale forming in the chamber.

The standard audible bale-size alert sounds when the bale reaches near-full, full, and oversize to help you produce perfectly-sized bales.

This new baler is loaded with simple, easy-to-understand features designed to help you make bales that are perfectly sized and shaped for your operation.

Bale diameter can be easily adjusted from 35 to 60 inches with the simple turn of the hand crank. And the fixed hydraulic density control system ensures uniform density throughout, no matter how big the bale.

Pair this with easy-to-read mechanical indicators, and you’ll have a perfectly shaped bale.

When it’s time to finish making a bale, you won’t have to worry about overfilling your baler or making a bale that’s too small. A standard audible alarm sounds as the bale approaches the desired size, goes silent when the desired size is reached, then sounds again if you continue to feed hay into the baler. With this simple system you’re sure to get it right.
When it comes to wrapping your bale, easy-to-operate double hydraulic twine arms make the process quick and easy.

These twine arms aren’t set in one standard wrapping position. They can be manually adjusted to four positions – 2, 4, 6, or 8-inches.

For added productivity, ask your dealer what optional features make sense for your needs, your operation.

Double hydraulic twine arms can cut down the amount of time it takes to wrap a bale by more than 45 percent compared to a single twine arm. Plus, there’s a wide knife blade for easy twine cutting. It’s easy to see that you’ll make more bales per hour.

Make sure both twines are being applied to the bale with the twine movement indicators.

A 4-ball twine box is located on the right side of the baler, making it quick and easy to load up and thread. You’ll spend more time baling and less time getting ready to go into the field.

Optional pneumatic gauge wheels allow the pickup to float over uneven terrain such as irrigated or rough fields, with less scalping. And, they’re adjustable for accurate ground gauging.

The twine arm indicator helps the operator space twine evenly on the bale.

Make record keeping easy. This optional mechanical bale counter keeps a running total of up to 9,999 bales. You can set it back to zero at any time.
Support by a qualified team

John Deere also offers an extensive line of disk mowers, rakes, tedders, and small square balers. All loaded with the features you need to take the guesswork out of baling.

For the secrets haymaking professionals use, check out the Haymaking Secrets Revealed booklet. Log on to www.JDHomestead.com for a downloadable version, or ask your dealer for a free copy.

Specifications/Support

Baling can be anything but easy. John Deere understands. That’s why John Deere dealerships are staffed with people committed to helping you perfect the art of putting up high-quality hay.

All John Deere dealer technicians participate in extensive, ongoing training programs to ensure unmatched knowledge of hay and forage equipment. Plus, regional training centers keep them up-to-date on the latest information and techniques on the haymaking process.

### Specifications

**BALE SIZE**
- Diameter: 35 to 60 in. (89 to 152 cm)
- Width: 46 in. (117 cm)
- Weight: 1,000 lb. (453 kg)

**BALER**
- Width with standard tires: 89 in. (226 cm)
- Length (gate closed): 142 in. (361 cm)
- Length (gate open): 179 in. (454 cm)
- Height (gate closed): 102 in. (260 cm)
- Height (gate open): 128 in. (325 cm)
- Shipping weight: 3,750 lb. (1701 kg)

**PICKUP**
- Type: Regular
- Width (inside): 46 in. (117 cm)
- Width (outside): 56 in. (141 cm)
- Number of teeth: 72
- Stripper diameter: 10 in. (25.4 cm)

**FORMING BELTS**
- Number of belts: 6
- Belt width: 7 in. (18 cm)
- Type: 3-ply nylon/polyester

**TWINE WRAP**
- Standard: Hydraulic double/manual

**BALE FORMING INDICATORS**
- Bale shape: Mechanical indicators
- Near full: Audible, adjustable
- Oversized bale indicator: Yes

**POWER REQUIREMENTS**
- PTO hp: 55 hp (41 kW)
- PTO speed: 540 rpm
- Drive protection: Shearbolt

Specifications subject to change without notice.
When it comes to making high-quality hay, timing is critical. And while you sometimes have to wait on Mother Nature for just the right conditions, you don’t have to waste valuable time waiting for parts and service with John Deere.

Whether you need belts, hydraulic hoses and fittings, or simply more twine, choose genuine John Deere parts to keep your round baler making high-quality bale after bale. Your dealer has most parts in stock or you can get them overnight.

Should your round baler ever need repairs or replacement parts in the field, your John Deere dealer has well-trained technicians available to provide the quality service you expect, when and where you need it.

When you need the right part and the right service, get them right now from your local John Deere dealer.