

# Balers

All-New 9 Series Round Balers • Small Square Baler



Stronger to the Core

## Strength starts at the inside... then works its way out

John Deere balers are made with one purpose: strengthening overall performance of customer production. To do so, we created balers with only the strongest, most durable internal components. Our belief is when you make the core of the baler stronger, you end up with a machine that produces the best bales possible ... each one tight, dense, perfectly shaped, and with a strong core of its own. The better the bale, the better you can preserve your high-quality hay. Ultimately, the strength of our bales help to increase your livestock's rate of gain, thereby strengthening your bottom line. With our new 9 Series round balers, we took the previous lineup and made it, well ... stronger. Larger output shafts, faster gate cycle time, more durable drive chains, and extended-lube drivelines are just a few of the improvements. Plus, our small square baler offer the industry's strongest promise: to deliver solid, square-sided bale that stack like bricks, every time. Strength starts from within. When it works its way out, it's your operation that ends up stronger.





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# Meet the new family of John Deere-quality Round Balers

449, 459, 459 Standard, 469, 559, and 569

If farming is your hobby, or your source of income, then the new 9 Series meets the demand. No operation is too big or too small. It's why we developed a whole new line of balers suited for work of any size, any budget, and anybody.

From our re-engineered 459 Standard (that's anything but standard), to our beefed-up 569, the 9 Series are John Deere's strongest balers ever. Consider advancements like a newly designed gearbox output shaft, convenient adjustable hitch, and improved gate cycle time. But there's more...



## Baler perfection, perfectly designed for you

We've designed a baler built to meet your demands ... from the most passionate hobby farmer to the most dedicated producer. These balers are 'all' you need.

**All-crops:** Run the 9 Series in any crop you want ... grass hay, oat hay, silage, straw, wheat residue, corn stalk, corncob or soybean residue. It really doesn't matter. Whether it's light or heavy crops, the 9 Series handle it all.

**All-conditions:** Small windrows are simple. Large windrows, no issue. Windblown windrows are a breeze. Curves, divots, bumps, or hills – it's all the same. Regardless of your field conditions, the 9 Series balers will feel right at home.

**ALL-NEW:** Look what we've added – **New, higher-quality Diamond® chains** for superior durability, longer life, and greater uptime. **New, quicker gate cycle time**, now up to five seconds faster for speedier bale ejection. **New, redesigned output shaft** offers better flexibility and increased uptime. **New, fully adjustable hitch** lets you accurately match a wide range of tyre sizes and drawbar heights to better handle varying windrow sizes. **New, extended-lube driveline** increases service interval from 8 to 30 hours. And **new, larger 14L-16.1 tyres**, which replace the 31 x 13.5 tyres, give you greater shock load absorption in rough terrain, while providing improved floatation over soft ground. If you could design the perfect round baler – it just might be the 9 Series.



**Bale Stronger Insight:** High-quality hay begins with proper bale formation; the more tightly packed and dense the bale, the better. Other desirable qualities include a soft, pliable texture; a sweet, unsoiled odour; and natural green colouring.



## Pickup... ...where we left off

If it isn't broken, why fix it? That's how we felt about our pickups. So we left our high-performance pickups alone, but here's a refresher for customers who might be new to John Deere.

Let's start with the "regular" pickup. A large feed opening helps you sweep up more hay in a single pass. The low-profile design offers greater ground engagement for cleaner crop retrieval and reduced scuffing. Side flares prevent hay from blowing off the pickup. And closely spaced teeth provide ideal shape for straight-edged bales.

Sound good? Well, it gets better. The MegaWide™ Plus Pickup with its extra-wide opening, handles large, heavy windrows with ease. Rugged MegaTough™ Teeth give you long-lasting durability in abrasive crops and conditions. A self-adjusting roller baffle smoothes crop for uniform flow, allowing you to bale faster with less plugging. Large diameter augers and a powerful rotor feed system keep material moving effortlessly into the bale chamber. And standard slip-clutch sensors on the MegaWide Plus alert the operator before an extended slip occurs.



## DiamondTough™ Belts

Only the strong provide



The John Deere DiamondTough triple-weave belts provide the strongest reliability in the business – a feature you'll appreciate when you consider the costly downtime that comes from torn belts.

**So what makes our belts special?** They're designed using a patented triple-weave process

of nylon and polyester to give you the strength and durability you need for handling heavy loads consistently. They're also puncture and tear resistant for greater belt life – rocks or other tough debris are brushed aside with ease. And sturdy, high-tensile-plate splices bind the belts for a powerfully stable connection you can rely on season after season.

**Your crop is in excellent hands.** The DiamondTough belts surround the width of the bale to reduce crop loss and maintain crop quality. Check out the diamond-tread pattern ... it allows the belts to handle crop gently to make sure your bales stay packed with nutrients. And our staggered belt roll redeposits loose material from under or behind the belts back towards the pickup, and into the bale chamber. More importantly, 9 Series belts are self-cleaning – the only belts in the industry that are – to reduce carryover and prevent crop buildup, so you get the same quality crop handling on every bale.

**Bale Stronger Insight:** Feeding hay to livestock can be costly if it's not done correctly. A couple of simple tricks to remember: Use a feeder system, such as a hayrack or hay ring to cut down on waste (have one feeder system for every 10-12 cows).





## Drive System

### Smooth, worry-free operation

Get smooth operation from sunup to sundown with the upgraded drive system of the all-new 9 Series Balers.

We've thrown out our old drive chains on the upper drive, lower drive, pickup drive, rotor drive, and starter roll, and replaced all of them with Diamond's industry-leading drive chains to give our balers the added strength and muscle you need from one year to the next.

What's more, the 9 Series offer fewer drive chains than other round balers – Fewer chains mean fewer adjustments and less wear components to worry about ... helping to increase overall efficiency and reliability.

And our heavy-duty drivelines are built with an 80-degree constant-velocity joint, allowing tight, effortless turns and carefree travel over rough terrain.

About those busy workdays ... feel free to work as long as necessary. With the extended lube on the 9 Series driveline, service interval has been upped from 8 to 30 hours. That's more than 20 additional hours of consistent baling with no downtime.



*60- or 80-grade chains take our already durable drive chains and make them inarguably stronger.*

# BaleTrak™ Pro Monitor-Controller

## Touch ... and go

There's nothing to using the BaleTrak Pro monitor. It's as simple as keying in a function ... and you're on to the next bale. With the large, clear display, the monitor is easy to read. But the real value is in the accuracy: a 24-bar bale shape indicator offers true look-ahead baling to help you make perfectly sized and shaped bales each time.

- 1 Custom bale finishing.** Special baling functions let you choose twine or CoverEdge™ net wrap. You have the option to manually start wrapping or tying undersized bales.
- 2 Total baling control.** From the time baling begins to the moment the bale is released, you're always in control. Indicators alert you when size is reached ... when wrapping or tying begins and ends ... and when the bale is ejected.
- 3 True "look-ahead" baling.** Bale shape bars on the monitor show you how the bale is forming in the chamber. The digital bar graph responds instantly to any change in side-to-side bale diameter.
- 4 On-site assistance.** Warning indicators alert you if the gate is left open or if there's a problem in the wrapping process.



## Cover-Edge™ Net Wrap

### The best form of protection

Time is money, so why waste time with inefficient bale wrap? Cover-Edge net wrap provides the best bale protection you can get. It preserves hay quality and gives your bale a beautiful, round surface ... as well as reducing crop loss during transport. And did we mention your bales are wrapped in as little as six seconds? But the best part is the loading process – you won't find a faster, simpler system around.

Or perhaps you just prefer to use twine. If that's the case, the electric AutoTie wrapping system provides easier-made bales that are tied right. For customers of the 449 and 459 Standard, we also have a hydraulic twine system for even greater convenience and productivity. No matter what choice, double-twine arms lend exceptional speed for the job.

Now that your bales are neatly wrapped, you'll be happy to know we've ramped up the gate cycle time on the entire line, with as much as a five-second improvement on certain models. A faster wrapping process altogether, meaning more bales in less time.



- 1 After opening the back cover, set the roll onto the cradle. It's easier to access since it's on the back of the baler. Plus, there's extra room to carry a spare roll.
- 2 Unroll a short length of material, close the cradle, and thread between the rollers.
- 3 Pull down the door. It's that easy!

**Bale Stronger Insight:** Properly storing round bales is vital to any operation. Improper storage can lead to a host of issues. Try to store bales close to the feeding site. Use pallets, gravel, or some other moisture barrier to minimise spoilage from ground contact. Place bales on well-drained soil with a gentle slope whenever possible. Align rows north and south, with at least three feet between each row for quicker drying after exposure to rain. Do not have bales pushed up tight against each other as this creates pockets areas where moisture can get trapped. And keep bales away from slow drying areas, such as below tree lines.

## Setting a new Standard

Whether you work all week or weekends only, the 459 Standard is the perfect combination of economy and productivity. And with a couple of new features exclusive to the model, you get even more bang for your buck.

Optional converging wheels (1) make sure you get a good hold of windblown windrows – bale more confidently knowing hay is feeding into the pickup without fail and with minimal crop loss. Also available is the hydraulic bale ramp (2). It gives you the rollaway clearance you want when ejecting a bale. Best of all, additional hydraulic outlets are not required. And optional slip-clutch protection keeps your PTO running longer and more smoothly.

Save time. Save money. Save room in your machine shed for the 459 Standard.



## Round Baler Specifications

Model	449	459 Standard	459	469	559	569
<b>BALE SIZE</b>						
Diameter	35-51 in. (89-130 cm)	35-60 in. (89-152 cm)	35-60 in. (89-152 cm)	32-72 in. (81-183 cm)	35-60 in. (89-152 cm)	32-72 in. (81-183 cm)
Width	46 in. (117 cm)	46 in. (117 cm)	46 in. (117 cm)	46 in. (117 cm)	62 in. (157 cm)	62 in. (157 cm)
Weight	750 lb. (340 kg)	1,000 lb. (454 kg)	1,100 lb. (499 kg)	1,650 lb. (748 kg)	1,450 lb. (658 kg)	2,200 lb. (998 kg)
Weight (maximum silage bale)	1,250 lb. (567 kg)	N/A	1,750 lb. (794 kg)	2,200 lb. (998 kg)	1,750 lb. (794 kg)	2,400 lb. (1089 kg)
<b>BALER</b>						
Width with standard tyres	89 in. (226 cm)	89 in. (226 cm)	89 in. (226 cm)	N/A	N/A	N/A
Width with high flotation tyres	96 in. (244 cm)	N/A	96 in. (244 cm)	96 in. (244 cm)	112 in. (285 cm)	112 in. (285 cm)
Width with 21.5X16.1 tyres	N/A	N/A	116 in. (295 cm)	116 in. (295 cm)	131 in. (333 cm)	131 in. (333 cm)
Length (gate closed)	135 in. (343 cm)	142 in. (361 cm)	142 in. (361 cm)	146 in. (371 cm)	142 in. (361 cm)	146 in. (371 cm)
Length (gate open)	174 in. (442 cm)	179 in. (455 cm)	179 in. (455 cm)	187 in. (475 cm)	179 in. (455 cm)	187 in. (475 cm)
Height (gate closed)	92 in. (234 cm)	102 in. (260 cm)	102 in. (260 cm)	110 in. (279 cm)	102 in. (260 cm)	110 in. (279 cm)
Height (gate open)	114 in. (290 cm)	128 in. (325 cm)	128 in. (325 cm)	145 in. (368 cm)	128 in. (325 cm)	145 in. (368 cm)
Shipping weight	3,360 lb. (1524 kg)	3,750 lb. (1701 kg)	3,820 lb. (1733 kg)	4,165 lb. (1889 kg)	4,310 lb. (1955 kg)	4,730 lb. (2145 kg)
<b>REGULAR PICKUP</b>						
Width (inside)	46 in. (117 cm)	46 in. (117 cm)	46 in. (117 cm)	N/A	62 in. (156 cm)	62 in. (156 cm)
Width (outside)	56 in. (141 cm)	56 in. (141 cm)	56 in. (141 cm)	N/A	71 in. (180 cm)	71 in. (180 cm)
Tooth spacing	2.6 in. (6 cm)	2.6 in. (6 cm)	2.6 in. (6 cm)	N/A	2.6 in. (6 cm)	2.6 in. (6 cm)
Toothbars	4	4	4	N/A	4	4
Number of teeth	72	72	72	N/A	96	96
Stripper diameter	10 in. (25.4 cm)	10 in. (25.4 cm)	10 in. (25.4 cm)	N/A	10 in. (25.4 cm)	10 in. (25.4 cm)
<b>MEGATOOTH™</b>						
Width (inside)	N/A	N/A	N/A	N/A	N/A	61 in. (155 cm)
Width (outside)	N/A	N/A	N/A	N/A	N/A	71 in. (180 cm)
Number of teeth	N/A	N/A	N/A	N/A	N/A	96 with 16 Megateeth
<b>MEGAWIDE™ PLUS</b>						
Width (inside)	61 in. (155 cm)	N/A	61 in. (155 cm)	61 in. (155 cm)	77 in. (196 cm)	77 in. (196 cm)
Width (outside)	71 in. (180 cm)	N/A	71 in. (180 cm)	71 in. (180 cm)	87 in. (221 cm)	87 in. (221 cm)
Number of teeth	96 with 16 MegaTooth	N/A	96 with 16 MegaTooth	96 with 16 MegaTooth	120 with 8 MegaTooth	120 with 8 MegaTooth
Stripper diameter	10 in. (25.4 cm)	N/A	10 in. (25.4 cm)	10 in. (25.4 cm)	10 in. (25.4 cm)	10 in. (25.4 cm)
<b>FORMING BELTS</b>						
Number of belts	6	6	6	6	8	8
Belt width	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)
Type	3-ply nylon polyester	3-ply nylon polyester	DiamondTough™ triple weave	DiamondTough triple weave	DiamondTough triple weave	DiamondTough triple weave
Splice	Clipper type	Clipper type	Mato plate-type	Mato plate-type	Mato plate-type	Mato plate-type
<b>TWINE WRAP</b>						
Standard	Hydraulic	Hydraulic	Electric	Electric	Electric	Electric
Optional	Electric	Electric	N/A	N/A	N/A	N/A
<b>COVEREDGE™ NET WRAP</b>						
	N/A	N/A	Optional	Optional	Optional	Optional
<b>BALE FORMING INDICATORS</b>						
Bale shape	Mechanical	Mechanical	BaleTrak PRO	BaleTrak PRO	BaleTrak PRO	BaleTrak PRO
Near full	Audible, adjustable	Audible, adjustable	Audible, adjustable	Audible, adjustable	Audible, adjustable	Audible, adjustable
Oversized bale indicator	Yes	Yes	Yes	Yes	Yes	Yes
<b>POWER REQUIREMENTS</b>						
PTO hp (minimum)	45 hp (34 kw)	55 hp (42 kw)	55 hp (42 kw)	65 hp (48 kw)	55 hp (42 kw)	75 hp (56 kw)
PTO speed (rpm)	540	540	540	540/1000	540	540/1000
PTO protection	Shearbolt/slip clutch optional	Shearbolt/Slip clutch optional	Slip clutch	Slip clutch	Slip clutch	Slip clutch





## **Silage Special Round Balers**

**459 SS, 469 SS, 559 SS, 569 SS**

Silage operations are big business, so we expanded our Silage Special models to better match a wider range of silage operations. With the new 9 Series Silage Specials, we've increased our lineup to offer two new 5-foot models for customers who prefer larger balage.

Size isn't everything. The Silage Specials offer the features you need to really put up high-moisture forage – from the staggered belt roll auger, to the starter roll knife, to the standard auxiliary take-up rolls. With the new 9 Series, there's sure to be a silage special baler that's right for you.

## Ready for wet and heavy

When you work in silage, you need a silage-quality baler to handle damp, hefty crop ... a baler that won't buckle from the heavier load. That's where the 9 Series Silage Specials come in. They're ready to shoulder the load, thanks in part to these key features:

1. Powered cross-auger helps keep wet hay from travelling up the belts and reduces crop buildup and wrappage at the staggered belt auger roll. And with new larger bearings, shafts, and flanges, the auger offers greater reliability.
2. Starter roll knife is mounted directly in front of the starter roll to help prevent wrapping in moist, thick hay.
3. Auxiliary take-up roll is now standard on the Silage Specials to prevent belt crossover or flipping in damp conditions.

**Bale Stronger Insight:** *Silage is a crucial aspect of some customers' operation. When desired, high moisture is a must for growers. But unwanted, higher moisture levels can be risky. Some easy-to-remember figures to keep in mind: silage should have between 50-60% moisture; dry hay between 10-20%.*







Silage Special Round Baler Specifications

MODEL	459 Silage Special	469 Silage Special	559 Silage Special	569 Silage Special
<b>BALE SIZE</b>				
Diameter	35-60 in. (89-152 cm)	32-72 in. (81-183 cm)	35-60 in. (89-152 cm)	32-72 in. (81-183 cm)
Width	46 in. (117 cm)	46 in. (117 cm)	62 in. (157 cm)	62 in. (157 cm)
Weight	1,100 lbs (499 kg)	1,650 lbs (748 kg)	1,450 lb. (658 kg)	2,200 lb. (998 kg)
Weight (maximum silage bale)	1,750 lb. (794 kg)	2,200 lb. (998 kg)	1,750 lb. (794 kg)	2,400 lb. (1089 kg)
<b>BALER</b>				
Width with standard tires	Hi-flo standard	Hi-flo standard	Hi-flo standard	21.5x16.1 tire standard
Width with high flotation tires	96 in. (244 cm)	96 in. (244 cm)	112 in. (285 cm)	21.5x16.1 tire standard
Width with 21.5X16.1 tires	N/A	116 in. (295 cm)	131 in. (333 cm)	131 in. (333 cm)
Length (gate closed)	142 in. (361 cm)	146 in. (371 cm)	142 in. (361 cm)	146 in. (371 cm)
Length (gate open)	179 in. (455 cm)	187 in. (475 cm)	179 in. (455 cm)	187 in. (475 cm)
Height (gate closed)	102 in. (260 cm)	110 in. (279 cm)	102 in. (260 cm)	110 in. (279 cm)
Height (gate open)	128 in. (325 cm)	145 in. (368 cm)	128 in. (325 cm)	145 in. (368 cm)
Shipping weight	4,190 lb. (1901 kg)	4,535 lb. (2057 kg)	4,310 lb. (1955 kg)	4,730 lb. (2145 kg)
<b>REGULAR PICKUP</b>				
	N/A	N/A	N/A	N/A
<b>MEGATOOTH™</b>				
	N/A	N/A	N/A	N/A
<b>MEGAWIDE™ PLUS</b>				
Width (inside)	61 in. (155 cm)	61 in. (155 cm)	77 in. (196 cm)	77 in. (196 cm)
Width (outside)	71 in. (180 cm)	71 in. (180 cm)	87 in. (221 cm)	87 in. (221 cm)
Number of teeth	96 with 16 Megateeth	96 with 16 Megateeth	120 with 8 MegaTooth	120 with 8 MegaTooth
Stripper diameter	10 in. (25.4 cm)	10 in. (25.4 cm)	10 in. (25.4 cm)	10 in. (25.4 cm)
<b>FORMING BELTS</b>				
Number of belts	6	6	8	8
Belt width	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)	7 in. (18 cm)
Type	DiamondTough triple weave	DiamondTough triple weave	DiamondTough triple weave	DiamondTough triple weave
Splice	Mato plate-type	Mato plate-type	Mato plate-type	Mato plate-type
<b>TWINE WRAP</b>				
Standard	Electric	Electric	Electric	Electric
Optional	N/A	N/A	N/A	N/A
<b>COVEREDGE™ NET WRAP</b>				
	Optional	Optional	Optional	Optional
<b>BALE FORMING INDICATORS</b>				
Bale shape	BaleTrak PRO	BaleTrak PRO	BaleTrak PRO	BaleTrak PRO
Near full	Audible, adjustable	Audible, adjustable	Audible, adjustable	Audible, adjustable
Oversized bale indicator	Yes	Yes	Yes	Yes
<b>POWER REQUIREMENTS</b>				
PTO hp (minimum)	55 hp (42 kw)	65 hp (48 kw)	55 hp (42 kw)	75 hp (56 kw)
PTO speed (rpm)	540	540/1000	540	540/1000
Driveline protection	Slip clutch	Slip clutch	Slip clutch	Slip clutch



## **New Premium Round Balers: Beauty. Brains. Brawn.**

### **469 Premium and 569 Premium**

While you stop and admire the new styling of the 9 Series Premiums, you should know their appeal is a little more than cosmetic. Enhancements like the ISOBUS control monitor, cam-clutch driveline, improved pickup, and intelligent tractor-baler automation add brains and brawn to go with the good looks.

And don't think for a second the redesigned exterior is just for show. The gull-wing doors on the Premium models make service and maintenance a snap. Plus, an exclusive two-year or 12,000-bale warranty further protects your investment. So don't hesitate to run tens of thousands of bales through these bad boys ... that's what they're made for.



# Bottom-line balers

One of the best ways to improve your bottom line is to get more out of your baler, and that's why we put more into the Premium models than any baler on the market. That's more performance, more reliability, and more return on your investment.

Whether you bale heavy, aggressive crop, or you work non-stop from dawn to dusk, the new 9 Series Premiums produce thousands of bales without ever breaking a sweat. Isn't that what you need? Because the Premiums were built just for you ... the custom haymaker, the commercial operator, the large-acre farmer who demand the ultimate baler.

Thankfully, the Premiums offer everything you need to grow your bottom line. With a convenient ISOBUS monitor system, heavy-duty 80H Diamond chains, and factory-installed grease banks, these smarter, stronger, longer-lasting machines are all-ability ... all the time. And that's the bottom line.



- 1 Composite gull-wing doors –** Easily and quickly service your baler and reduce downtime in the field. With seven feet of clearance, you have all the space you need to access many of the baler's components.

- 2 Improved pickup –** To deal with the stress and high-hour, high-output use typical of commercial operations, Premium balers are equipped with an upgraded MegaWide Plus™ pickup. Bigger cams, bigger bearings, and bigger reel spiders toughen the pickup to give you added durability, increasing the life of the pickup.

- 3 Redesigned output shaft –** A new redesigned and more robust shaft is heftier and features a larger, more rugged bearing to increase durability where you need it most. A durable u-joint replaces the coupler and reduces alignment and wear issues.
- 4 Factory-installed grease banks –** Both Premium balers feature factory-installed grease banks that let you grease the machine faster and easier. 8 grease zerks – 4 on either side of the baler – allow you to grease and go, so you can hit the field sooner.
- 5 Cam-clutch –** Relax. Premium baler PTO drivelines are cam-clutch protected. This means the driveline runs cooler when slipped and is maintenance-free, so you can concentrate on what's important: non-stop baling. Want to offload another concern? Sensors are also included to notify you if the driveline disengages.
- 6 80H Diamond chain –** New, heavy-duty chains on the Premiums come backed by the Diamond Chain Company's renowned engineering and offer the industry's highest drive chain standard. Heavier sidebars connecting the chains make the 80H Diamond perfectly suited for handling the demands of commercial baling.

**Premium warranty\*** – The 469 and 569 Premium models offer an unmatched two-year or 12,000-bale warranty. It covers the wear parts on either model (excluding drive chains), giving you the best coverage available.

\*Two-year or 12,000-bale warranty, whichever occurs first, covers wear parts on 469 Premium and 569 Premium Round Balers. Warranty excludes drive chains. See full product warranty or contact your dealer for details.

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## Raising the bar

A Premium machine demands a premium monitor, and that's where we've raised the bar. With the ISOBUS system, rest assured you're using the latest technology in baling. Using your tractor's GS1800, GS2600, GS2630, or select CommandCenter™ displays, the 469 and 569 Premium models are integrated directly to your tractor. No need for a separate monitor. You get all the great features of the BaleTrak Pro monitor, and more. Max bale size button; user-friendly interface navigation; and intuitive error code system. Best of all, operators of any skill level can work the functions.

Speaking of raising the bar, we've added a third bale shape bar on the Premium monitors to help improve your driving practices for easier bale-making. The third bale sensor can be easily turned off if you prefer not to use it.



**Max bale size button.** Almost done clearing your field? Have only a small windrow to finish? Try this new feature. When your bale setting is less than maximum bale size, this button allows you to quickly and easily bump up to maximise size – just by a single touch.

**Interface navigation.** Cruising through pages and making calibrations are easier thanks to a user-friendly navigation system. Learning how to work the monitor takes only minutes.

**Intuitive error code system.** Frustrated by confusing error codes? With this new system, errors are completely written out. No longer do you have to skip through a list of codes.



**Bale Stronger Insight:** There are five keys to making a densely packed bale:

1. The tractor must be set up correctly, with both front and rear tyres wider than the width of the bale chamber.
2. The baler must be set up correctly – your John Deere dealer will help with this.

3. Have uniform windrows that are either half the width or the full width of the bale chamber.
4. Your bale monitor should be properly adjusted, showing you how the bale is forming.
5. Ultimately, you – the driver – are responsible for proper driving techniques.

## Tractor Baler Automation\*

Convenience doesn't end at the monitor. Now Tractor-Baler Automation (TBA) technology takes ease and efficiency to the next level. With Tractor Baler Automation, you get two levels of added speed and production. In level one, the baler gate automatically opens and closes when it's time to release a bale. Operator involvement is no longer required. Level two (IVT transmission required) not only works the gate operator-free, but the baler tells the tractor when to stop ... on its own. The results: easier operation and reduced operator fatigue. Bale simpler. Bale faster. Everything should be this easy.

Round Balers 469 Premium and 569 Premium

### Premium Baler Specifications

MODEL	469 Premium	569 Premium
<b>BALE SIZE</b>		
Diameter	32-72 in. (81-183 cm)	32-72 in. (81-183 cm)
Width	46 in. (117 cm)	62 in. (157 cm)
Weight	1,650 lbs (748 kg)	2,200 lb. (998 kg)
Weight (maximum silage bale)	2,200 lb. (998 kg)	2,400 lb. (1089 kg)
<b>BALER</b>		
Width with standard tires	Hi-flo standard	Hi-flo standard
Width with high flotation tires	96 in. (244 cm)	112 in. (285 cm)
Width with 21.5X16.1 tires	116 in. (295 cm)	131 in. (333 cm)
Length (gate closed)	146 in. (371 cm)	146 in. (371 cm)
Length (gate open)	187 in. (475 cm)	187 in. (475 cm)
Height (gate closed)	110 in. (279 cm)	110 in. (279 cm)
Height (gate open)	145 in. (368 cm)	145 in. (368 cm)
Shipping weight	4,535 lb. (2057 kg)	4,730 lb. (2145 kg)
<b>MEGAWIDE™ PLUS</b>		
Width (inside)	61 in. (155 cm)	77 in. (196 cm)
Width (outside)	71 in. (180 cm)	87 in. (221 cm)
Number of teeth	96 with 16 Megateeth	120 with 8 MegaTooth
Stripper diameter	10 in. (25.4 cm)	10 in. (25.4 cm)
<b>FORMING BELTS</b>		
Number of belts	6	8
Belt width	7 in. (18 cm)	7 in. (18 cm)
Type	DiamondTough triple weave	DiamondTough triple weave
Splice	Mato plate-type	Mato plate-type
<b>TWINE WRAP</b>		
Standard	Electric	Electric
<b>COVEREDGE™ NET WRAP</b>		
	Standard	Standard
<b>BALE FORMING INDICATORS</b>		
Bale shape	ISOBUS Monitor	ISOBUS Monitor
Near full	Audible, adjustable	Audible, adjustable
Oversized bale indicator	Yes	Yes
<b>POWER REQUIREMENTS</b>		
PTO hp (minimum)	65 hp (48 kw)	75 hp (56 kw)
PTO speed (rpm)	540/1000	540/1000
Driveline protection	Cam Clutch	Cam Clutch

\*John Deere Tractor Baler Automation is only offered on the 469 Premium and 569 Premium models. An SCV and ISOBUS compatible tractor is required. Additionally, to use the vehicle speed control feature in level two, an IVT tractor is required.







## 348 Small Square Baler

Who says a small square haymaker can't be a commercial operator? With John Deere's square baler, you can produce as many small square bales in a season as the job calls for: whether that's enough to feed a couple of horses, or enough to support your farm and a few neighbours, as well. Our square baler offers the field-proven crop control system you need to make solid, square-sided bales that are easy to stack and transport every time.

## Small is a relative term

Sure, they're called small square balers. But they're all about big performance. One firm bale to the next, John Deere's square baler creates consistent square bales that pack in crop to minimize leaf loss and secure bales for the long haul.

Offset design lets you monitor crop flow more easily, while allowing you to use the full width of the pickup without disturbing the windrow. Nothing fancy, but then we didn't build them to walk the red carpet. Our square baler is made for serious haymakers with serious chores, so you can get crop up, sealed, and delivered to the shed – all before supper.

- 1 Continuous-flow floating auger moves hay away from the pickup to the pre-compression chamber. Free-floating motion automatically adjusts to hay volume, maintaining control of incoming crop.
- 2 Bale tensioner is manually adjusted using the hand crank to apply the right amount of tension to the bale. Even easier is the available hydraulic bale tensioner. One knob lets you manage bale density to meet crop variations and desired bale weight.
- 3 Never-miss knotters catch every time to give you a reliable, secure twine wrap. They're highly dependable for an accurate, fast acting catch ... even in the toughest crops.
- 4 Full-width feeding pickup goes flare to flare with tight-fitting teeth and narrow strippers to gather hay in wide, heavy windrows.

**Bale Stronger Insight:** Proper storage of square bales is just as important as round bales. In the end, it's all about having superior hay. The first step is to make sure your storage area has good air circulation. Stack bales together loosely and on their sides to promote greater airflow and moisture release. When stacking bales on the ground, put the bottom row on wooden pallets or a layer of dry straw to reduce losses.





## 348 Square Baler Specifications

<b>BALE SIZE</b>	
Cross section	14x18 in. (36x46 cm)
Length	12 to 50 in. (31 to 127 cm)
<b>PICKUP</b>	
Width inside	64 in. (1.6 m)
Width of flares	74 in. (1.9 m)
Number of teeth	156 on six bars
Height adjustment	Crank (hydraulic, opt.)
Height adjustment range	5 in. (13 cm)
Cylinder diameter	12 in. (31 cm)
<b>AUGER</b>	
Diameter	16 in. (41 cm)
Length	61 in. (1.5 m)
<b>FEEDING OPENING</b>	
289 sq. in. (0.19 m <sup>2</sup> )	
<b>PLUNGERHEAD</b>	
Stroke	30 in. (76 cm)
Normal speed (under load)	93 stokes/min.
Bottom rollers	Sealed ball-bearing rollers
Top rollers	Wear pads (top)
<b>FLYWHEEL</b>	
Diameter	27 in. (69 cm)
Weight	227 lb. (103 kg)
<b>COMPRESSION CHAMBER</b>	
Length	46 in. (1.2 m)
<b>TYRES</b>	
Right	26x12.00-12, 4PR
Left	11Lx14, 6PR
<b>DIMENSIONS</b>	
Height (maximum)	67 in. (1.7 m)
Width	108 in. (2.7 m)
Length (with bale chute and 3-joint PTO)	227 in. (5.8 m)
Length (without tongue and bale chute)	134 in. (3.4 m)
<b>DRIVELINE</b>	
Cat. 4 (Cat. 5, optional)	
<b>PTO SPEED</b>	
540 rpm	
<b>MIN REQUIRED PTO HORSEPOWER</b>	
35 hp	
<b>TRANSMISSION</b>	
Gears	Steel-cut, enclosed
Capacity (SAE 90 SCL0)	4 U.S. qt. (3.8 L)
<b>WEIGHT</b>	
Twine (min.)	3,110 lb. (1411 kg)
Twine (max.)	3,320 lb. (1506 kg)
Wire (min.)	3,240 lb. (1470 kg)
Wire (max.)	3,407 lb. (1545 kg)

Get the ultimate baler makeover when you



Add More

Baling doesn't just end with a baler. Your John Deere dealer has an assortment of attachments and accessories to complement your hay operation. Each one designed to help you add more productivity to your day.

**Bale Stronger Insight:** Fertilise your hay field. Supplying the right nutrients will help your hay grow better. While some essential nutrients come from the soil, additional fertiliser will amplify crop quality, increasing its yield potential and, eventually, heightening animal performance.



#### Baler-Mounted Hay Moisture Tester

Get on-the-go moisture readings while you bale. Reduce the chance of baling moldy hay or storing potentially combustible forage. Large LCD display helps with day or night operation. And it's easily installed on your round or small square baler.



#### Variable Core Kit

Rather have soft-core bales? Then you want the variable core kit. Available for use with the 9 Series Balers, it reduces core density to your preference. And soft-core diameter is adjustable to within 100mm of the bale's outer diameter (*standard on Premium balers*).



#### Windrow Moisture Tester

Why guess when you can know for sure? Test the moisture content in your windrow before baling with the handheld windrow moisture tester. Measure from 13- to 70-percent moisture. Get a quick, precise reading in less than 60 seconds.



#### 42 Bale Ejector

Throw a little ease into your 'work' day. The 42 Bale Ejector takes the work out of loading bales. The throwing pan tosses bales onto the hayrack easily, yet is gentle on the bale. Adjustable distance control, precharged hydraulic system, and shields give you all the flexibility and dependability you need.



#### Side Sheet Enhancement Kit

Need extra muscle for tougher field conditions? This kit provides additional protection to the inside walls of your round baler. It's designed with rugged carbon-manganese steel that withstands extremely abrasive crop and field conditions to provide extended service life.



Available in  
254mm and 508mm

#### Portable Hay Moisture Tester

A fast, convenient way to measure hay moisture or temperature in the field or in your barn, the portable hay moisture testers give you an accurate reading on a clear, backlit screen. A) Sturdy pistol grip and durable aluminium shaft provide even greater ease-of-use and dependability. B) Choose from two sizes: 254mm probe for testing small square bales; 508mm probe for testing round or large square bales ... each handheld model features an extra-rugged aluminium shaft and comes with a clip-on factory calibrator for easy re-calibration in the field.

## Sales, service, and support from the strongest dealer network in the business

There's nothing more important to your John Deere dealer than providing you with superiorly engineered equipment that works hard to honour your investment. From the first day of field-use, to your next job, to the next year, to the next generation in your family, our equipment is designed to perform from one milestone to the next.

And as you work towards each milestone, our premier service team will offer you on-the-spot-support and the complete line of parts you demand to keep you running. Our highly trained technicians make accessibility a priority, and with a thorough understanding of your business and your equipment, downtime stays down.

Strong is our philosophy. Build it strong ... support it strong – all to empower you.

***Bale Stronger Insight:*** Get off to the right start by doing a preseason checkup. When it's time to bale, your dealer is your best friend. Talk to them about the latest haymaking information and techniques. What they know, you should know. John Deere dealers participate in extensive ongoing product training, so they're excellent resources for you to use.







Here for you day in and day out.

Through your long days, count on John Deere Financial. We stand by you with customised financing\* that gives you important options for the future. Our roots are in agriculture—and in our long-standing relationship with growers like you. One of the most important parts of our job is better understanding yours and the way we can support you. Ask your dealer about John Deere Financial today.

\*Conditions apply. Finance available through John Deere Financial Limited (Australian Credit Licence 391484) to approved applicants only.



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