

Variable and Fixed Chamber Round Balers



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There's no time to waste.

Use John Deere Round Balers to harvest and protect your forage.

You hear it every year: "Make hay while the sun is shining." And rightly so. When it's time to bale, your equipment had better operate like clockwork. After all, hesitate now and the quality of your silage could be literally washed away.

But what does it take to make haste without waste? To harvest when crop moisture levels are ideal and threatening rain clouds are draped over the horizon? The answer is quality: Variable and Fixed Chamber round balers from John Deere.

Regardless of how large your farm or contracting business may be, regardless of how many crops or windrows you harvest, John Deere is all you need to know about baling. Our balers gather, cut, press, form and wrap one perfect bale after another all season long. So read on.

There's no time to waste.

Why choose a John Deere Round baler?

Every minute counts.

John Deere has been in the baler business for a long time. Like you, we know how important speed, performance and dependability are. Especially at harvest time. That's why our balers are consistently optimised to ensure exceptional customer value:

• Outstanding reliability.

Because we focus on little things that count – e.g. a unique, reliable design with no superfluous components – our balers make a big difference.

• Outstanding durability.

Our welded frames will take all the abuse your farm or contracting business dishes out.

• Outstanding forage quality.

Our 2.0 m and 2.2 m pick-up systems and small diameter drums ensure smooth uniform crop flow into the chamber. The results: perfectly shaped bales.

• Outstanding parts and service.

Your John Deere dealer is there when you need him.

• Outstanding resale value.

Yes, quality pays.



Your advantages:

- The right baler for every requirement
- Proven technology through and through
- Welded design for rugged performance
- Balers that are easy to use, monitor and maintain
- Outstanding bale density and quality
- CoverEdge netwrap system
- A wide choice of options for your specific requirements

Have the last word in baling.

John Deere **Variable Chamber Round Balers** deliver the density and quality you set.

1. Crop enters the chamber. Diamond-Tread belts start to shape the bale core.
2. As material continues to feed into the chamber the heavy duty tension arm applies the pressure you choose.
3. Dual cylinders maintain pressure on the belts throughout the wrapping cycle.



John Deere Variable Chamber Balers: save time and money.

- A wide range of versatile machines for baling straw, hay or silage
- Outstanding bale density and quality
- Easy to maintain
- Highly reliable
- The bale diameter you want from 0.6 to 1.3, 1.55 or 1.8 m

Want the tightest and highest quality bales?

John Deere **Fixed Chamber Balers** produce extra tight bales that prevent spoilage.

1. The low profile pick-up and auger feed the crop into the chamber – where 17 rollers rotate the crop.
2. As the bale increases in size, the rollers increase pressure on its outer layers.
3. As soon as the bale is complete, the monitor beeps, the operator stops the tractor and wrapping begins automatically.



John Deere Fixed Chamber Balers: perfect results, higher profits.

- Excellent performance
- Robust design
- Easy maintenance
- Exclusive CoverEdge netwrap
- Easy to use bale monitoring



What you see is what you get.
Our RotoFlow and MaxiCut pick-ups ensure precise feeding and chopping.



Effortless control.
Reliable monitors keep you in control without leaving the cab.



Vive la best-in-class manufacturing!
Welcome to the John Deere Arc-les-Gray factory in France. It's home to a long tradition of using the best people and technology to build the best balers.



Exclusive wrapping solutions.
CoverEdge Netwrap is like having high quality crop insurance for your silage, hay or straw bales.



Easy servicing saves time.
John Deere balers offer easy access to maintenance points.

The closer you look the better our Variable Chamber Balers look.

Like all variable chamber round balers, ours have a formation chamber featuring flat belts and a belt tensioner. Together they enclose and roll the bale to ensure uniform density from the centre out.

Under the skin is where our rugged flexibility begins. Why? A wide range of features, such as increased gearbox capacity for higher bale densities, drop-floor unplugging and a new, easy access design, let you tailor these balers to your specific needs.

1 Pick-ups that pick up productivity.

- Thanks to an open throat and overshot crop flow technology the **HiFlow** pick-up (available in 2.0 and 2.2 m) ensures high baling capacity – especially in dry crops.
- The 2.0 and 2.2 m **RotoFlow** pick-up delivers the big rotor diameter, the high rpm performance and the pivoting drop-floor unplugging functionality that make non-stop baling a reality.
- The 2.0 and 2.2 m **MaxiCut** pick-up with either 14 or 25 pre-cutter knives provides the highest flexibility for outstanding productivity and crop quality.



Your advantages:

- Fast, positive starts
- Consistent and customised density
- Less maintenance, fewer repairs
- Precise control
- Crop quality preservation

2 Brilliant performance.

- Six, wide, **Diamond-Tread belts** enclose 91% of the bale width for minimum crop loss and easy bale starting.
- The **cleaning auger** keeps belts clean. So they never lose their grip, even in wet crop conditions.
- **Two standard power rollers** provide the required drive. A third power roller is available for intensive silage baling.

3 The way bales should be.

- The **pecially designed chamber** easily controls bale dynamics.
- Our continuously adjustable **soft-core function** deactivates the belts' tension until a set diameter is obtained. This allows the crop to breathe and dry more efficiently. And it makes the bale easier to unroll when it's time to feed your cattle.
- **Heavy duty tensioning arm** and hydraulic cylinders pack more quality and quantity into bales that can vary from 0.6 to 1.8 m in diameter.

4 Exclusive CoverEdge netwrap.

CoverEdge netwrap stretches 5 – 10 cm over the edges of the bale. Improved silage quality, ease of handling and storing are ensured.

5 Twin twine tying.

It's easier than it sounds. Our unique twin-arm approach ensures fast and dependable results.

6 ELC, BaleTrak or BaleTrak Plus monitor.

Our baler monitors keep operators where they belong – in the cab.

7 One tough baler.

- The **welded frame** ensures the utmost dependability.
- **Roller bearings** are located out of harm's way. Having **only 2 heavy duty drive chains** simplifies operations.
- **Automatic chain lubrication on Premium models** is an easy way to increase reliability.



Central grease bank and automatic chain lubrication make servicing simple.



A twist of the bale density control knob adjusts the bale for crop and moisture changes.



Tough silage? No problem. The cross auger keeps belts free of debris.



- A** The unique 3-ply Diamond Tread design dependably grips the crop.
- B** The first layer of polyester/nylon fabric adds unbelievable strength.
- C** Four rubber mats seal in the separate layers of polyester/nylon fabric.
- D** Nylon fabric in the centre prevents stretching under heavy load.
- E** A third layer of polyester/nylon is covered with protective rubber on each side.
- F** The flat inside layer glides smoothly over rollers without heat build-up.

Harvest higher returns with Standard 842, 852 or 862 Variable Chamber Balers.

The fork feeder balers.

Standard Variable Chamber balers are a wise investment. One reason for this is the 2.0 or 2.2 m high capacity fork feeders. Supported by a small diameter pick-up drum, they literally lift crop into the bale chamber as the baler glides through the windrows. This means better power efficiency, cleaner fields and more efficient bale starting.

The self-cleaning, Diamond Tread belts grip and rotate the crop as soon as it enters the chamber. And because they're powered by two drive rolls, bale density, weight and size are easier to control and more uniform.

The ELC Plus monitor offers fully automatic operation for twine and net wrapping. And the optional BaleTrak monitor (standard on 852 and 862 models with 2.2 m HiFlow feeders) allows operators to set bale sizes on the move.

As the reliability leader in variable chamber baling John Deere sets the standards. Take our hefty, single tension arm (standard on the 852 and 862), for example. It works with larger cylinders and 275 bar pressure to produce bales with very high density levels. You'll also appreciate our self-cleaning rolls and auger. Especially when it's time to bale silage.



Direct feeding. Better bale starts.
Our fork feeders with their small pick-up drum design make light work of even the heaviest windrows.



Hidden strength.
Rugged wheel-axle linking enhances reliability on all variable chamber balers



The ELC Plus monitor.
The easy to learn and operate ELC Plus monitor offers fully automatic operations. Net and twine settings can be made without leaving the cab.



Soft-core function.
The optional zero bar soft-core system allows you to deactivate belt tensioning until a preselected bale diameter is achieved. This function improves hay quality by making the bale easier to dry and to unroll at cattle feeding time.



Upper and lower drive rolls.
Both are rubber coated to prevent slippage in tough silage and avoid premature wear.



Your advantages:

- **Multi-purpose** baler for straw, hay and grass
- **Variable bale sizes** with higher forage quality
- **Increased density** means fewer bales and stops per field
- **Lower costs** per bale (e.g. less netwrap or twine)



The 862 Variable Chamber Round Baler.

Our largest standard variable chamber baler is tailored to the needs of operators who want to make large bales. Fitted with the 2.0 or 2.2 m HiFlow feeder it is perfect for consistent, high output.



The 842 Variable Chamber Round Baler.

You're looking at a variable chamber baler capable of producing bales 1.3 m in diameter! But the 842 offers more than flexibility. It comes equipped with either a 1.81 m standard or an optional 2.0 m HiFlow pick-up.



The 852 Variable Chamber Round Baler.

This lightweight workhorse is available with a 2.0/2.2 m HiFlow fork feeder. It can easily produce bales between 1.55 m and 1.60 m all day long.

The new Professional and Premium 854 and 864 Variable Chamber Round Balers.

You're going to love the new gull-wing side panels and exciting features that make the 854 and 864 Variable Chamber Balers part beauty ... and all beast.

All RotoFlow and MaxiCut balers now with drop-floor.

The standard, cab-operated, drop-floor unplugging system is a true convenience. It eliminates crop loss as it saves time and effort. The new design also makes daily servicing faster and easier. Simply lift the composite side panels for immediate access to the central grease banks, the PTO driveline (with extended greasing intervals) and the automatic chain lubrication system.

The Professional 854 and 864.

The 2.0 m RotoFlow pick-up and the optional MaxiCut pick-up with 14-knife pre-cutter fill the chamber with ease. In addition to this, the optional pivoting gauge wheels ensure even greater reliability and a longer lifespan.

The Premium 854 and 864.

For the highest return on investment, invest in a new John Deere Premium Variable Chamber baler. These models feature a 2.2 m RotoFlow pick-up or an optional 2.2 m MaxiCut pick-up both available with a 14-knife pre-cutter or a fine-chop 25 knife pre-cutter. You'll appreciate the pick-up roller compressor, automatic chain lubrication function, cleaning auger and CoverEdge net wrapping system.

And thanks to their larger diameter tensioning cylinders and tension arms, they can produce up to 15% higher density bales of straw, hay or silage – with diameters ranging between 1.55 and 1.80 m in size.



Your advantages:

- **Amazing flexibility.**

Depending on the top-of-the-line model you choose bales can be adjusted from 1.55 – 1.80 m in size.

- **Outstanding productivity.**

The 2.0 or 2.2 m pick-ups and the new gearbox with 113 or 136 kW power limit ensure a high return on investment.

- **Reduced maintenance.**

Centralised grease banks, automatic chain lubrication, PTO driveline with extended greasing interval.

A wide choice of pick-ups.

For high productivity choose the fast and reliable RotoFlow pick-up with drop-floor technology. The double V layout of the rotor fingers ensures the even distribution of incoming crop – a prerequisite for optional bale shape.

The MaxiCut pick-up with drop-floor unplugging – and either a 14 or 25 knife pre-cutter – delivers consistent quality for air-tight bales. As the crop enters, knives cut it into uniform lengths. No wonder it's ideal for silage. Bales are easier to break up and spread at feeding time.

Cut silage as short as 40 mm!

With the new 2.2 m fine-chop MaxiCut 25 pick-up it's no problem. It allows four different cut length adjustments from 40 to 140 mm. And, because you can use sets of 12 and 13 knives at a fixed chop length, both the blades and your results will stay sharp – all day long.

**The wise use of power.**

Productivity will be up. At least in your field. Our Professional and Premium models are backed by rugged PTOs and equipped with large RC80 chains to cope with the high output levels these balers deliver.



The automated chain-lubrication system and centralised greasing nipples save time and effort.

New dimensions in baling.

Bring home dense bales neatly wrapped in the size you want:

- 0.6 – 1.55 m with the 854 and 854 Premium.
- 0.6 – 1.80 m with the 864 and 864 Premium.



A touch of the BaleTrak Plus monitor is all it takes to control every phase of the baling process.

**Drop and go.**

The new pivoting drop-floor unplugging device on all 854 and 864 Professional and Premium balers enables operators to clear blockages – without crop loss! It also provides improved access to the knives.

**Pick-up Roll Compressor**

This standard feature on the 864 Premium baler improves crop flow and operational speeds – even when baling in the largest windrows.



It's easy to see what makes a John Deere Fixed Chamber Round Baler special:

As crop is gathered into the baler chamber, dynamic drive-rollers spin it in an anti-clockwise direction. The crop accumulates. The chamber fills. And additional rollers – with or without slats – form the bale to perfection before it is wrapped and discharged.

This baling procedure won't surprise experienced operators. But the many benefits that make our fixed-chamber round balers so productive will. Here are but a few:

1 Outstanding drive

John Deere baler transmissions are fitted with constant velocity joints featuring auto-reset cam clutch protection. As a result, power is put to better use. Vibration is eliminated. And operators can manoeuvre sharp turns with angles as tight as 80° between the PTO shaft and the drive line.



Your Advantages:

- Ideal for silage, hay or straw
- Maximum crop utilisation
- High bale density
- Forward positioned wrapping system for excellent process visibility
- Higher profits

2 High capacity

The low profile, small diameter pick-up reel makes windrows disappear without a trace. Together with the large diameter converging auger tube, high rotation speeds (190 rpm) and robust cylinders and chains, it enables our fixed chamber round balers to process up to 26 m³ of crop per minute!

3 Less maintenance and servicing

Begin with a proven, welded design. Now add standard automatic chain lubrication and reinforced rollers with sealed bearings. What have you got? A lot less servicing. A lot more peace of mind.

4 Adjust bale diameters!

Need different bales in different weights and sizes? Easy. Set the bale diameter that's best for you: 1.25 m (e.g. for silage), 1.30 or 1.35 m (e.g. for heavy straw bales).

Super strong rolls.

Fixed Chamber Round Balers must be able to manage even the heaviest bales. As a result, conventional rolls made of welded sheet metal won't do. Our engineers insist on reinforced rolls made from extra-thick tubing.



623 Silage Special



644 Premium

**Hydraulic gate tensioning.**

A turn of a knob easily adjusts bale weight when crop conditions or moisture content change.

**High density. Great shape.**

The 17-roll chamber ensures well shaped & tight bales for high silage quality.

**Automatic chain lubrication.**

This standard convenience helps to ensure quiet, reliable performance.

623 MultiCrop: the multi-purpose fixed chamber round baler.

Ready to bale straw, hay and silage just the way you – and your livestock – want it? Then you're ready for the Standard 623 MultiCrop baler.

Outstanding versatility.

This fixed chamber baler is tailored for farmers who want to bale straw, silage and hay. As a result, the 623 MultiCrop features a heavy duty bale chamber combining 7 ribbed steel rolls with a chain and slat conveyor.

Like all John Deere Fixed Chamber Round Balers, the 623 MultiCrop baler works with a low profile pick-up that hugs the ground to capture more crop. Its fully automatic operations are based on our proven ELC Plus monitor. It easily uses twine or net wrapping to produce well packed, uniform bales in minutes. And, as with all John Deere RotoFlow and MaxiCut balers, time-saving drop-floor technology is standard.



Your advantages:

- **Excellent performance**– from silage to dry crops
- **Variable bale sizes** with high forage quality
- **Robust** design featuring RC100 drive chains

- **Automatic** drive chain lubrication: standard
- **Exclusive** CoverEdge net wrap
- **Easy to use** bale monitoring

Gate slats are ideal for turning crops like brittle straw into tight bales.

The **low profile pick-up** hugs the ground to capture more crop.

A **1.25 m bale diameter** is often preferred for silage.

A **1.35 m bale diameter** makes it easy to produce up to 15% heavier straw bales.

623 Silage Special: the flexible Fixed Chamber Round Baler.

Bale straw, hay or silage with confidence.

Here's a baler that will interest mixed livestock farmers. Why? The 623 Silage Special is a reliable, easy to use, easy to maintain workhorse. It performs exceptionally well in delicate crops. And it can be adjusted from 1.25 to 1.35 m in diameter to satisfy a wide range of needs.

Like the MultiCrop baler, the Silage Special baler features a 2.0 m RotoFlow or MaxiCut 14 pick-up, an ELC Plus monitor and the pivoting drop-floor unplugging device – all standard. But that's only the beginning. Its unique 17 steel roll bale chamber moves through the thickest windrows with ease. The 623 Silage Special eliminates trapped air that can cause bale spoilage. And its bales are tailor-made for wrapping.

Tame tough, wide and heavy windrows.

It's easy. Choose the 623 Silage Special. Its heavy duty power rollers grip and turn incoming crop for fast bale starts.



High density. Great shape.

Twelve standard rolls, four heavy duty rolls and one large-diameter roll ensure tightly packed bales that prevent spoilage.



Your advantages:

- **Excellent performance** in silage and hay
- **Variable bale sizes** with high forage quality
- **Robust** design featuring RC100 drive chains
- **Easy maintenance**
- **Standard** automatic chain lubrication
- **Exclusive** CoverEdge net wrap
- **Easy-to-use** bale monitoring

Many balers keep you jumping on and off the tractor. Our ELC Plus monitor keeps you where you belong – in the cab.

The twin arm system ensures fast, efficient bale wrapping.

The 644 PREMIUM Fixed Chamber Baler.

Want to take baling performance and productivity up a notch further? The 644 Premium Fixed Chamber baler is a heavy duty machine delivering high density bales for intensive silage operations. The net wrapping system features storage capacity for three net rolls, including CoverEdge netwrap. And optional features include a pick-up roller compressor, pivoting gauge wheels and an electronic bale shape indicator.

The most flexible pre-cutters.

As soon as the high speed 2.2 m MaxiCut pick-up consumes the windrow, its top-of-the-line 136 kW gearbox and unique 25-knife pre-cutter instantly trims it down to size (40 mm – 140 mm) you desire.

Heavy duty technology.

The rugged rollers, heavy duty greasable bearings, reinforced RC100 power-line chains and oversized cylinders make light work of even the heaviest crop.

Seeing is believing.

The BaleTrak Plus monitor quickly implements the wrapping mode you choose: the twin-arm tying system or the unique CoverEdge netwrap.



Your advantages:

Perfect bales. Higher output.

- 2.2 m MaxiCut pick-up with 25 knife pre-cutter
- BaleTrak + monitor with electronic bale shape indicator
- Adjustable bale diameter
- Minimum maintenance
- Pivoting drop floor

A cut above: the Premium 644 Baler with 2.2 m MaxiCut 25 pick-up.

The 644 Professional Fixed Chamber Baler.

This baler is ideal for operators who want to capture more crop in less time in order to produce dense, perfectly shaped bales. Its secret?

- The high rotor speed of the 2.0 m or 2.2 m MaxiCut 14 pick-ups
- The standard 113 kW – or optional 136 kW – gearbox
- The standard roller baffle
- The extra strong steel rollers

Best of all, the BaleTrak Plus monitor easily controls all functions. Its LCD bale shape indicator even enables you to see how the bale is forming in the chamber.



Easier, Faster, Denser.

New drop-floor technology.

All Professional and Premium 644 Balers benefit from our new pivoting drop-floor technology. It instantly eliminates material stoppage while providing easy access when removing knives.

Quality welded.

The welded frames used to support our Professional and Premium 644 balers ensure years of reliable and rugged operations.

Love the land.

John Deere's extra large, high flotation 500/50 tyres reduce soil compaction and ensure smoother baling.



The sturdy welded frame ensures rugged reliability for years to come.



Use the BaleTrak Plus monitor to operate bale shape, knife status and unplugging device from the cab.



MaxiCut pick-ups, individually spring loaded knives guarantee optimum protection – even in stony fields.

Your advantages: the 644 Professional

- 2.0 or 2.2 m MaxiCut pick-up with 14-knife pre-cutter
- BaleTrak + monitor with electronic bale shape indicator
- Adjustable bale diameter
- Minimum maintenance
- Pivoting drop floor
- BaleTrak + monitor with electronic bale shape indicator

The 744 and 744 Premium Wrapping Balers.

Produce perfectly wrapped bales with one tractor, one operator, one baler and zero worries. All you need is the 744 or 744 Premium Wrapping Baler. Their proven TTSystem (Transport Table System) technology moves the bales smoothly and quickly from the chamber to the wrapping system. As the time necessary for making stops decreases, productivity increases.

Outstanding performance.

The 744 Professional Wrapping Baler is equipped with a 2.0 m or an optional 2.2 m MaxiCut 14 pre-cutter with pivoting drop floor unplugging device. Its gearbox capacity has been increased to a substantial 113 kW. Its adjustable and rugged chamber ensures outstanding bale density and shape. And its new CAN-Bus VTi 1300 display keeps you informed of the entire baling and wrapping process.

Highest productivity.

The John Deere 744 Premium Wrapping Baler is the all-in-one baling solution for serious operators. It's also a wise choice for arable and livestock farmers who want to increase productivity while safeguarding the nutrients of their silage, hay and straw. The 2.2 m pick-up system with a MaxiCut 25 knife fine chop pre-cutter means this baler is built to maintain the highest performance level – all season long. Its new and rugged roller baffle and electronic bale shape indicator on the VTi 1300 monitor ensure that you harvest the bales just the way you want them. The 744 Premium Wrapping Baler keeps you in complete control. Its thought through design ensures more operator comfort, fewer and shorter stops, less stress on the frame and perfect wrapping of the bale.



Your advantages:

- **High productivity**

Fully automated baling thanks to ISOBUS technology and the proportional valve technology.

- **High speed**

Tandem axle allows faster field and transport speeds.

- **High quality**

CoverEdge netwrap tightly packages the bales to prevent spoilage and the twine tying system is also an option

- **High performance**

You'll profit from non-stop processing thanks to 10 extra film rolls stored in dry bins.

- **High reliability**

The massive single frame ensures peace of mind.

Make perfectly wrapped bales in one pass with the 744 Premium Wrapping Baler.

Better silage quality all the way to feeding time:

- **Better baling flexibility.** The wrapping unit only takes seconds to wrap a bale.
- **Better comfort.** The tandem axle and large tyres let you drive safely and quickly – on and off the field.
- **Better convenience.** The new drop-floor unplugging device removes blockages instantly – from the comfort of your cab.
- **Better efficiency.** The 50/50 valve ensures consistent wrapping quality.



The 744 Premium Baler with TTSYSTEM is the cost-effective solution for rapid, one-man silage baling.



Twin wrapping arms quickly enclose the bale with film – thus eliminating air pockets which can cause spoilage.



The transport table pivots down and carefully releases the bale.



Thanks to ISOBUS certification the large VTi 1300 colour monitor – and all certified John Deere GreenStar monitors – are able to display all 744 Wrapping Baler functions at a glance.



The optional automatic greasing system is controlled on the move.

Better crop-feeding systems mean better bales.

John Deere balers represent performance and flexibility rolled into one. That's why we offer the ideal pick-up system for every job:

- Our amazing 2.2 m MaxiCut with 14 or 25 knife pre-cutter
- Our 2.0 m MaxiCut pick-up with 14 knife pre-cutter
- Our 2.0 m RotoFlow pick-up with rotor feeder
- Our 2.0 m or 2.2 m HiFlow pick-up and standard 1.81 m pick-up for variable chamber balers

For added productivity in the biggest windrows, equip your baler with the optional Roller Baffle (windrow front shield with roll). It pre-compresses windrows for even faster feeding with fewer adjustments.

MaxiCut 25.

When it comes to harvesting fine-chop silage, operator versatility and productivity – no other pick-up can surpass the MaxiCut 25 pick-up. It offers all of the advantages of 25 knife flexibility and drop-floor technology, thus enabling you to keep going in crops other balers might choke on.

You are able to select knife arrangements with as many as 0/7/12/13/25 knives. So, for example, if you want an 80 mm cutting length you can work with sets of 12 and 13 knives alternately. This keeps the knives cutting sharp all day long.



Shortest Cutting Length!

Only the MaxiCut 25 pick-up can harvest silage as short as 40 mm and straw as long as 140 mm!

Your advantages:

• Optimum flexibility:

Simply select the number of knives you want to use (0/7/12/13/25)

• Optimum cut quality:

Knives are positioned very close to the rotor

• Longer working days:

Knives stay sharper, longer (e.g. when you alternately use 2 sets of knives for an 80 mm cutting length)

• Worry-free operations:

Thanks to individual spring-loaded knives and new pivoting drop floor unplugging device

High capacity, High performance.

You will prefer John Deere balers for many reasons. One of them is the low profile 255 mm diameter pick-up drum. The rotating fingers of its 2.0 or 2.2 m fork feeder reach beneath the windrow to lift – not push – the crop into the chamber opening.

Smooth results.

The smooth crop flow ensures leafy, high quality forage, especially when baling short crops. And the large-tube conveying auger? It was inspired by cutting platforms on our combine headers and supports high speed operations.

Drop floor unplugging device.

All John Deere Fixed Chamber Balers, 854 or 864 Variable Chamber Balers and the 744 Wrapping Balers are now equipped with a new 'drop floor' unplugging device. It's operated from the cab. It prevents blockages caused by the build-up of crop material and it eliminates crop waste!



HiFlow.

This amazing fork feeder protects delicate crops whilst minimising tractor HP requirements. Its 2.0 or 2.2 m width and open-throat concept eat up the biggest windrows with ease.



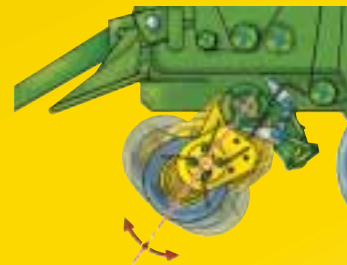
RotoFlow.

The 2.0 or 2.2 m RotoFlow pick-up easily digests windrows of every kind. The W-layout of its heat-treated rotor fingers ensures even distribution of the incoming crop – wet or dry. And the resulting bale density and shape prove it.



MaxiCut.

As the double fingers on the pick-up rotate they sweep the crop against the stationary knives before moving it on to the bale chamber.



HiFlow pick-up ensures fast, direct feeding to the large chamber entrance, even when baling oversized windrows.



Blocked baler? It can happen. But thanks to the drop-floor unplugging device you'll be baling again in no time.



You get the forage consistency, the density and perfect bale shape you desire.

Monitor and control systems that keep you in the driver's seat.

Use our monitors to harvest more profits. They allow you to focus on the windrows without having to watch how your baler is performing. As a result you enjoy true "look-ahead" baling.

The CAN-Bus VTi 1300 monitor.

This all-in-one display for 744 and 744 Premium Wrapping Balers features a large colour screen for quickly programming and managing all functions. Advantages include:

- A user-machine interface that lets contractors store comprehensive data on up to 10 fields (e.g. the number of wrapped and non wrapped bales per field) and for as many customers.
- An optional automatic greasing feature that increases performance and eliminates operating risks – on the move.



Your advantages:

- **The ELC Plus** monitor is simple & easy to use. It provides worry-free twine or net wrapping on 623 Fixed Chamber Balers and Standard Variable Chamber

- **The BaleTrak** monitor can be used to operate Variable Chamber Balers equipped with a fork feeder.

- **The BaleTrak Plus** monitor is used to manage balers equipped with a rotor feeder. It enables you to monitor/control all functions – without leaving the cab.

- **The CAN-Bus VTi 1300** makes working with 744 Standard and 744 Premium Wrapping Balers easy, one-man operations.



ELC Plus.

This easy to use monitor controls tying and net wrapping applications on standard 842, 852, 862 Variable Chamber Balers and on 623 Silage or 623 MultiCrop Fixed-Chamber Balers. All adjustments are set from the control panel. When the bale reaches full size, wrapping begins automatically.



BaleTrak.

This is the monitor of choice for balers equipped with classic or HiFlow pick-ups on variable chamber balers. BaleTrak Monitor includes all the advanced features of the BaleTrak Plus monitor – without the pre-cutter, dropfloor and soft core functions.



BaleTrak Plus.

BaleTrak Plus monitor is required when using a RotoFlow or MaxiCut pre-cutter on our Professional Variable Chamber and Premium Fixed Chamber balers. Functions include:

- A** Knife engagement/disengagement drop-floor unplugging.
- B** Twine or netwrap selection and options.
- C** The optional bale-shape indicator ensures perfect bales every time.
- D** Operating indicators tell you whether the pre-cutter function is activated, when the preset bale size is reached, when wrapping begins and when the bale is ejected.



Twine movement indicators ensure that both twines are feeding.



A bale-size indicator allows you to monitor the exact bale diameter.



Adjust the bale density. The easy to access bale pressure gauge is conveniently located on the baler's front panel.

Use the new CAN-Bus VTi 1300 to set all wrapping-baler functions at the touch of a button.

All wrapped up.

John Deere's high quality crop packaging systems are reliable, easy to install and control. They include:

Exclusive CoverEdge netwrap.

Only CoverEdge netwrap extends over the bale's edge like a hairnet to protect a full 15% more surface area. This prevents moisture from being drawn up into the bale. As a result, you get better protection from rain and ground moisture, less leaf loss and better shaped bales.

Standard netwrap.

Why John Deere netwrap? A cheaper roll is likely to have less quality, less length and be unable to offer edge-to-edge crop protection.



CoverEdge netwrap prevents moisture seepage and leaf loss.

The choice is yours.

Different crops require different packaging. That's why we offer so many ways to wrap bales. Flexibility means lower costs, saved time and less effort.

Baler twine.

John Deere twine is manufactured for high strength and performance. Its Easy Feed system eliminates knotting problems. And it's suitable for silage, hay or straw baling.

Stretchwrap.

John Deere's puncture-and-tear resistant stretchwrap is ideal for use on the 744 Standard and the 744 Premium Wrapping Baler with TTSystem. It has superior cling properties and protects bales from UV radiation.



John Deere twine is ideal for John Deere's twin arm tying system. Together they decrease wrapping time and increase round baler productivity.



Stretch wrap ensures an airtight, full-bale seal that keeps silage fresh under all conditions.

Something special for someone special.

John Deere collection can be purchased online or at your local dealership. It offers something for everyone. And don't forget yourself. Sample items include:



- 1) Safety Cap
- 2) Workhorse Safety Boots
- 3) Overalls "Green"

MCJ099378000
 Size MCS630105038-46
 Size XS MCM830250082 - S 0083 -
 M 0084 - L 0085 - XL 0086 -
 XXL 0087 - XXXL 0088

Call on us for all of your hay and forage harvesting equipment.

All you need for all your forage harvesting needs is one reliable partner - John Deere. From cutting and conditioning, to processing, handling and transportation, we have a full line of heavy duty, dependable equipment for your entire hay and forage harvesting operation.

- Our **mowers and conditioners** provide the performance you expect regardless of your crop or application needs.
- Our **self-propelled forage harvesters** are designed, engineered and built to work around the clock – under all field conditions.
- Our **variable and fixed chamber balers** process silage, hay and straw – without compromise.
- Our renowned **tractors** provide the highest level of versatility and reliability.



Our round balers have what it takes to guarantee excellent performance in different crops: robust design, easy to use monitoring, simple maintenance, exclusive CoverEdge netwrap.



Our fast and durable mower conditioners ensure clean cutting in any field or crop.



Thanks to Intelligent Harvesting features such as the Infinitely Variable Length of Cut (IVLOC), our self-propelled forage harvesters ensure the best possible crop quality.



When it comes to moving materials such as silage, feed or bales, our multi-purpose tractors with loader will move you.

BALE	842		852		854		854 Premium			
Diameter (m)	0.6–1.3	0.6–1.3	0.6–1.55	0.6–1.55	0.6–1.55	0.6–1.55	0.6–1.55	0.6–1.55	0.6–1.55	0.6–1.55
Width (m)	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
Volume (m ³)	0.33–1.55	0.33–1.55	0.33–2.2	0.33–2.2	0.33–2.2	0.33–2.2	0.33–2.2	0.33–2.2	0.33–2.2	0.33–2.2
PICK-UP	1.81	2 m HiFlow	1.81	2 m HiFlow	2.2 m HiFlow	2 m RotoFlow	2 m MaxiCut 14	2.2 m HiFlow	2.2 m MaxiCut 14	2.2 m MaxiCut 25
Outer width (m, between flares)	1.81	2	1.81	2	2.2	2	2	2.2	2.2	2.2
Power Requirements (kW/hp)	34/45	37/50	41/55	48/60	60/80	67/90	67/90	71/95	71/95	78/105
Roller Baffle	–	–	–	–	–	Option	Option	Base	Base	Base
Standard gauge wheels	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
Pivoting gauge wheels	–	–	–	–	–	Option	Option	Option	Option	Option
FEEDING SYSTEM										
Fork feeder	Base	Base	Base	Base	Base	–	–	–	–	–
Rotor feeder	–	–	–	–	–	Base	Base	Base	Base	Base
Precutter	–	–	–	–	–	–	14 knives	–	14 or 25 knives	–
Minimum theoretical Cutting length (mm)	–	–	–	–	–	–	70	–	70	40
Knife selection	–	–	–	–	–	–	Option 0, 7, 7, 14	–	Option 0, 7, 7, 14	Base 0, 7, 12, 13, 25
Unplugging device	–	–	–	–	–	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor
BALE CHAMBER										
Type	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts
Automatic drive chain lubrication	–	–	–	Option	Option	Option	Option	Base	Base	Base
Central greasing banks	–	–	–	–	–	–	–	Base	Base	Base
55 bar soft core system	Option	Option	Option	Option	Option	Base	Base	Base	Base	Base
0 bar soft core system	–	–	–	–	–	–	–	–	–	–
BALE CHAMBER DRIVE										
540 rpm @ 1800 N.m (103 kW)	Base	Base	Base	Base	Base	–	–	–	–	–
540 rpm @ 2000 N.m (113 kW)	–	–	–	–	–	Base	Base	Base	Base	–
1000 rpm @ 1300 N.m (136 kW)	–	–	–	–	–	–	–	Option	Option	Base
Powerdrive increased greasing interval PTO	–	–	–	–	–	–	–	Base	Base	Base
Wide angle transmission	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
TWINE BINDING SYSTEM										
Twine with double twine arm	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
COVEREDGE NET BINDING SYSTEM										
CoverEdge Netwrap system	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
BALE UNLOADING										
Bale ramp	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
MONITORS										
ELC+	Option	Option	Option	Option	–	–	–	–	–	–
BaleTrak	Option	Option	Option	Option	Base	–	–	–	–	–
BaleTrak +	–	–	–	–	–	Base	Base	Base	Base	Base
TYRES										
	11.5/80-15.3	11.5/80-15.3	11.5/80-15.3	11.5/80-15.3	11.5/80-15.3	11.5/80-15.3	11.5/80-15.3	–	–	–
	15/55-17	15/55-17	15/55-17	15/55-17	15/55-17	15/55-17	15/55-17	–	–	–
	–	19/45-17	–	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17
	–	–	–	–	–	500/50-17	500/50-17	500/50-17	500/50-17	500/50-17
	–	–	–	–	–	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR
WEIGHT										
(max weight with full consumables & options except brakes)	2200 to 2650 kg	2200 to 2650 kg	2200 to 2950	2200 to 2950	2200 to 2950	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg

BALE	862			864			864 Premium		
Diameter (m)	0.6 – 1.55	0.6 – 1.55	0.6 – 1.55	0.6 – 1.8	0.6 – 1.8	0.6 – 1.8	0.6 – 1.8	0.6 – 1.8	
Width (m)	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	
Volume (m ³)	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	0.33 – 2.98	
PICK-UP	1.81	2 m HiFlow	2.2 m HiFlow	2 m RotoFlow	2 m MaxiCut 14	2.2 m RotoFlow	2.2 m MaxiCut 14	2.2 m MaxiCut 25	
Outer width (m, between flares)	1.81	2	2.2	2	2	2.2	2.2	2.2	
Power Requirements (kW/hp)	56/75	60/80	60/80	71/95	71/95	75/100	75/100	75/100	
Roller Baffle	–	–	–	Option	Option	Base	Base	Base	
Standard gauge wheels	Base	Base	Base	Base	Base	Base	Base	Base	
Pivoting gauge wheels	–	–	–	Option	Option	Option	Option	Option	
FEEDING SYSTEM									
Fork feeder	Base	Base	Base	–	–	–	–	–	
Rotor feeder	–	–	–	Base	Base	Base	Base	Base	
Precutter	–	–	–	–	14 knives	–	14 or 25 knives	–	
Minimum theoretical Cutting length (mm)	–	–	–	–	70	–	70	40	
Knife selection	–	–	–	–	Option 0, 7, 7, 14	–	Option 0, 7, 7, 14	Option 0, 7, 12, 13, 25	
Unplugging device	–	–	–	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	
BALE CHAMBER									
Type	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	6 belts	
Automatic drive chain lubrication	–	Option	Option	Option	Option	Base	Base	Base	
Central greasing banks	–	–	–	–	–	Base	Base	Base	
55 bar soft core system	Option	Option	Option	Base	Base	Base	Base	Base	
0 bar soft core system	Option	Option	Option	Option	Option	Option	Option	Option	
BALE CHAMBER DRIVE									
540 rpm @ 1800 N.m (103 kW)	Base	Base	Base	–	–	–	–	–	
540 rpm @ 2000 N.m (113 kW)	–	–	–	Base	Base	Base	Base	–	
1000 rpm @ 1300 N.m (136 kW)	–	–	–	–	–	Option	Option	Base	
Powerdrive increased greasing interval PTO	–	–	–	–	–	Base	Base	Base	
Wide angle transmission	Base	Base	Base	Base	Base	Base	Base	Base	
TWINE BINDING SYSTEM									
Twine with double twine arm	Option	Option	Option	Option	Option	Option	Option	Option	
COVEREDGE NET BINDING SYSTEM									
CoverEdge Netwrap system	Option	Option	Option	Option	Option	Option	Option	Option	
BALE UNLOADING									
Bale ramp	Option	Option	Option	Option	Option	Option	Option	Option	
MONITORS									
ELC+	Option	Option	–	–	–	–	–	–	
BaleTrak	Option	Option	Base	–	–	–	–	–	
BaleTrak +	–	–	–	Base	Base	Base	Base	Base	
TYRES									
	11.5/80-15.3	11.5/80-15.3	–	11.5/80-15.3	11.5/80-15.3	–	–	–	
	15/55-17	15/55-17	15/55-17	15/55-17	15/55-17	–	–	–	
	–	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17	
	–	–	–	500/50-17	500/50-17	500/50-17	500/50-17	500/50-17	
	–	–	–	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR	500/45-22.5-10PR	
WEIGHT									
(max weight with full consumables & options except brakes)	2400 to 2990	2400 to 2990	2400 to 2990	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg	2750 to 4100 kg	

BALE	623 Silage/Multicrop		644		644 Premium
Diameter (m)	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35
Width (m)	1.17	1.17	1.17	1.17	1.17
Volume (m ³)	1.34	1.34	1.34	1.34	1.34
PICK-UP	2 m RotoFlow	2 m MaxiCut 14	2 m MaxiCut 14	2.2 m MaxiCut 14	2.2 m MaxiCut 25
Outer width (m, between flares)	2	2	2	2.2	2.2
Power Requirements (kW/hp)	60/80	67/90	75/100	75/100	89/120
Roller Baffle	–	–	Option	Option	Base
Standard gauge wheels	Base	Base	Base	Base	Base
Pivoting gauge wheels	–	–	Option	Option	Option
FEEDING SYSTEM					
Precutter	None –RotoFlow	14 Knives	14 Knives	14 Knives	25 Knives
Minimum theoretical Cutting length (mm)	–	70	70	70	40
Knife selection	–	–	Option 0, 7, 7, 14	Option 0, 7, 7, 14	Base 0, 7, 12, 13, 25
Unplugging device	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor
BALE CHAMBER					
Type	Multicrop: 7 rolls + chain & slat conveyor Silage: 17 Rolls		17 rolls	17 rolls	17 rolls
Automatic drive chain lubrication	Base	Base	Base	Base	Base
Central greasing banks	–	–	Base	Base	Base
BALE CHAMBER DRIVE					
540 rpm @ 2000 N.m	Base	Base	Base	Base	–
1000 rpm @ 1300 N.m	–	–	Option	Option	Base
Powerdrive increased greasing interval PTO	–	–	X only w/ 1000 rpm @ 1300 N.m gearbox	X only w/ 1000 rpm @ 1300 N.m gearbox	Base
TWINE BINDING SYSTEM					
Type	Two arms	Two arms	Two arms	Two arms	Two arms
Storage 10 twine balls	–	–	Option	Option	Option
NETWRAP					
Type	CoverEdge	CoverEdge	CoverEdge	CoverEdge	CoverEdge
BALE UNLOADING					
Ramp discharge	Option	Option	Option	Option	Option
MONITORS					
ELC+	Base	Base	–	–	–
BaleTrak +	–	–	Base	Base	Base
TYRES					
Tyre size	11.5/80-15.3	11.5/80-15.3	–	–	–
	15/55-17	15/55-17	15/55-17	15/55-17	–
	19/45-17	19/45-17	19/45-17	19/45-17	19/45-17
	–	–	500/50-17 Flotation +	500/50-17 Flotation +	500/50-17 Flotation +
WEIGHT					
(max weight with full consumables & options except brakes)	2600 to 3400 kg	2600 to 3400 kg	2900 to 3700 kg	2900 to 3700 kg	2900 to 3700 kg

BALE		744		744 Premium	
Diameter (m)	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35	1.25 – 1.35
Width (m)	1.17	1.17	1.17	1.17	1.17
Volume (m ³)	1.34	1.34	1.34	1.34	1.34
PICK-UP	2 m MaxiCut 14	2.2 m MaxiCut 25	2.2 m MaxiCut 25	2.2 m MaxiCut 25	2.2 m MaxiCut 25
Outer width (m, between flares)	2	2	2	2	2
Power Requirements (kW/hp)	89/120	89/120	89/120	89/120	89/120
Roller Baffle	Option	Option	Option	Base	Base
Standard gauge wheels	Base	Base	Base	Base	Base
Pivoting gauge wheels	Option	Option	Option	Option	Option
FEEDING SYSTEM					
Precutter	14 Knives	14 Knives	14 Knives	25 Knives	25 Knives
Minimum theoretical Cutting length (mm)	70	70	70	40	40
Knife selection	Option 0, 7, 7, 14	Option 0, 7, 7, 14	Option 0, 7, 7, 14	Base 0, 7, 12, 13, 25	Base 0, 7, 12, 13, 25
Unplugging device	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor	Pivoting drop floor
BALE CHAMBER					
Type	17 rolls	17 rolls	17 rolls	17 rolls	17 rolls
Automatic drive chain lubrication	Base	Base	Base	Base	Base
Central greasing banks	Base	Base	Base	Base	Base
BALE CHAMBER DRIVE					
540 rpm @ 2000 N.m	Base	Base	Base	–	–
1000 rpm @ 1300 N.m	Option	Option	Option	Base	Base
Powerdrive increased greasing interval PTO	X only w/ 1000 rpm @ 1300 N.m gearbox	X only w/ 1000 rpm @ 1300 N.m gearbox	X only w/ 1000 rpm @ 1300 N.m gearbox	Base	Base
TWINE BINDING SYSTEM					
Type	Two arms	Two arms	Two arms	Two arms	Two arms
Storage 10 twine balls	Option	Option	Option	Option	Option
NETWRAP					
Type	CoverEdge	CoverEdge	CoverEdge	CoverEdge	CoverEdge
BALE UNLOADING					
Steep slope kit	Option	Option	Option	Option	Option
Rubber mat	Option	Option	Option	Option	Option
MONITORS					
VTI 1300	Base	Base	Base	Base	Base
TYRES					
Tyre size	15/55-17	15/55-17	15/55-17	–	–
	19/45-17	19/45-17	19/45-17	–	–
	19/45-17 Flotation +	19/45-17 Flotation +	19/45-17 Flotation +	19/45-17 Flotation +	19/45-17 Flotation +
WEIGHT					
(max weight with full consumables & options except brakes)	5300 to 6150 kg	5300 to 6150 kg	5300 to 6150 kg	5530 to 6340 kg	5530 to 6340 kg

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