

FIXED CHAMBER ROUND BALERS

PREMIUM PERFORMANCE



JOHN DEERE

NOTHING RUNS LIKE A DEERE

EUROPEAN QUALITY GOES GLOBAL



F4X0E



F441M



F441R



C441R



Our round balers: efficient and easy to operate. Built by a team of ag experts and engineers in Arc-lès-Gray, France.



Our baler design is driven by global insight. Our manufacturing expertise has a tradition of over 60 years. Our 350,000 global customers love that.

Welcome to our new range of fixed chamber round balers. Whether you are looking for sophistication or simplicity, you can now have the baler that is perfect for you and your operation.

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RAISE YOUR EXPECTATIONS

QUALITY AND RELIABILITY



We never stop working to keep our balers ahead of the field. Welcome to one of the most productive and rewarding baling experiences available today.



MORE PRODUCTIVITY

- Industry-leading feeding system
- Up to 210 hp machine capacity
- 40 rpm wrapping arm speed



MORE OPERATIONAL UPTIME

- Superb in all crop conditions
- Unique unplugging system
- Minimal maintenance, easy installation



MORE ROBUSTNESS

- Oversized bearings, optimally sealed
- Cast T shape gearbox teamed with simple driveline
- High spec materials: Hardox® steel rotor tines



MORE BALE WEIGHT

- 1.21 m bale chamber width
- 1.25-1.50 m bale diameter adjustment
- Very high bale density – adjustable



MORE CROP QUALITY

- 40 or 80 mm knife spacing
- Individually protected, double heat treated knives
- Exceptionally low ground pressure and soil compaction

PERFORMANCE × DURABILITY = LOWEST COST PER BALE

RANGE AND CHOICE

Whether you run a baling service for customers or produce your own bales, you want high quality bales at the lowest cost. All our balers have been designed for exactly this! The optimised crop-flow – common to all models – guarantees high working speeds and maximum productivity. Their rugged design and good reputation also ensures a high resale value. When you add the two together, John Deere gives you the lowest possible cost per bale.



Productivity



Straw



Hay



Silage



Every one of our machines represents the uncompromising standards of quality and reliability that make them a John Deere. Choose the one that's perfect for you.



F440E/450E

Easy and economical. Robust and compact.

- Ideal for regular use
- Excellent value
- Performs best in dry crops



F441M

Multicrop versatility. Efficient operation.

- Low to frequent, versatile use
- High specification build quality
- Multicrop performer
- Baler chamber choice



F441R

High capacity. Heavy duty design.

- Built for high volume use
- Premium specification
- Excellent in all crops

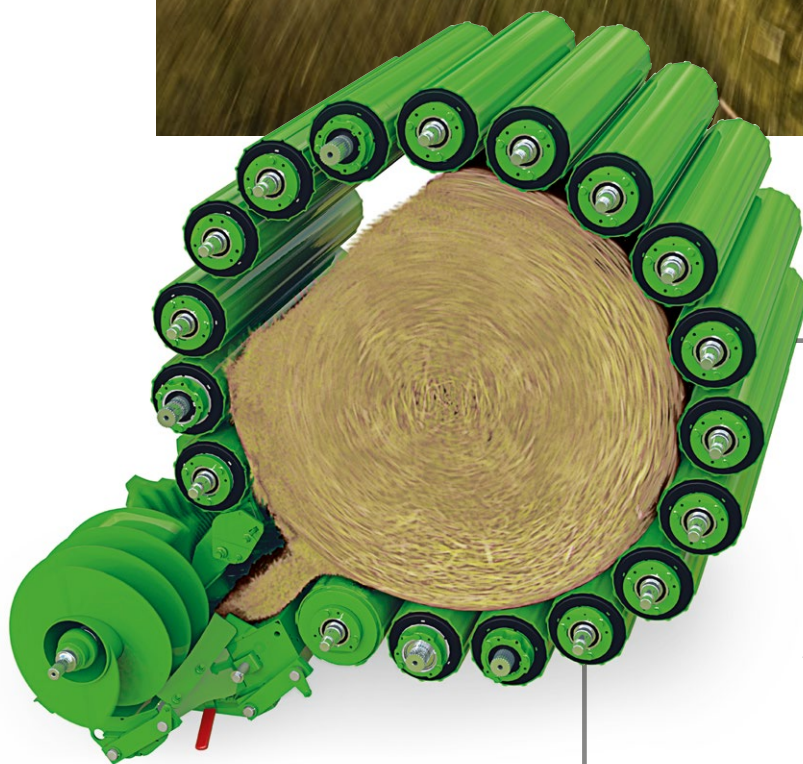


C441R

High capacity. Efficient wrapping system.

- Tandem or single axle
- Durable, heavy duty components
- Reliable
- Built for output





Heavy duty:
Large 50 and 55 mm double row
bearings extend the life of your baler.



BALE CHAMBER ECONOMICS

The chamber features 18 twelve rib rollers made of high-grade steel. Both bale density and diameter can be set up from the cab through the ISOBUS connection.

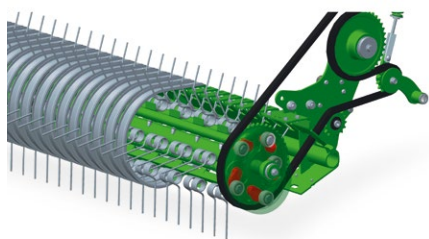


BIG LEAGUE BALING

F441R

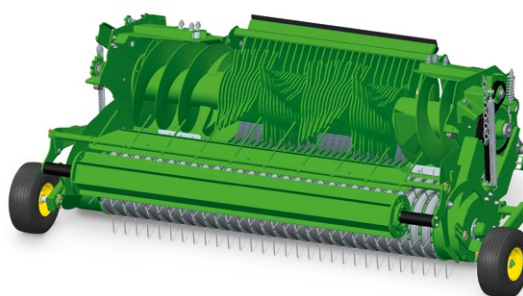


If you are looking for high output and performance – we've got the baler for you. The F441R: excels when the baling jobs are big and you have to get them done quickly. Its heavy-duty design, coupled with legendary John Deere reliability delivers outstanding performance. Baling doesn't get more professional than this.



PERFORMANCE BOOST

For peerless performance that lasts, the optional five-tine bar, premium 2.20 m pick-up features 6 mm diameter tines and stainless steel strippers.



ALL PREMIUM

Our high capacity premium rotors come with Hardox® tines and 13 or 25 knife cutting versions, with various knife sets and spacings from 40-80 mm.

TOP-TIER TECH INSIDE

F441R AND F441M

Here's your opportunity to benefit from the speed and reliability of the industry's leading baling technology. These balers include many premium components and features from our top-of-the-line balers.



1 | FEEDING SYSTEM

Wide, high capacity, high performance pick-ups let you bale heavy windrows faster.

2 | DROP FLOOR

Hands-free unplugging. The parallelogram mounted wide drop-floor clears even the worst blockage with ease.

3 | CHAMBER SIZE

1.25-1.35 m adjustable bale diameter in a 1.21 m wide bale chamber for maximum bale weight.

6 | SIMPLIFIED DRIVELINE

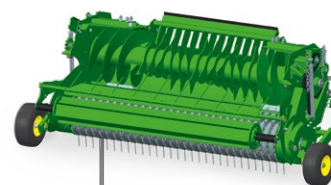
The integrated driveline, teamed with T shape gearbox, delivers up to 210 hp to maintain field speed even in tough conditions.

7 | NET SYSTEM

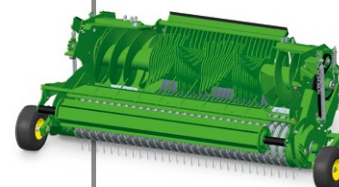
The net rolls are easy to install and are switched in less than a minute without tools.

8 | TYRES

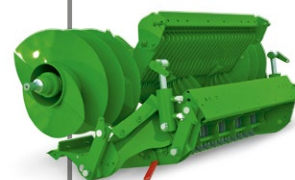
Wide flotation tyres minimise soil compaction and damage.



RotoFlow HC Premium:
an excellent multicrop feeder



MaxiCut™ HC Premium:
available with 13 or 25 knives



Hands-free unplugging thanks
to the drop floor

4 | MULTICROP CHAMBER TECHNOLOGY

Available with a conveyor system or with 17 (F441M) or 18 (F441R) 12-rib rollers.

5 | HEAVY DUTY MATERIALS

High spec materials like Hardox® wear plate tines, oversized bearings and upgraded steel rollers for exceptional reliability.

9 | EASY TO OPERATE

Unloading is handsfree thanks to the automatic tailgate. Plus tractor baler automation automatically stops the tractor to unload for smoother baling.

10 | HIGH DENSITY BALES

Our bales are dense and keep their shape even after several handling operations.

TOUGHER. FASTER. DONE.

C441R

Let's call it total baling. An impressive combination of the premium F441R solo baler and the John Deere Table Transport System (TTS) add up to the ultimate compact wrapping baler.



1 | FEEDING SYSTEM

High capacity, high performance 2.2 m wide feeders let you bale heavy windrows faster.

2 | DROP FLOOR

Hands-free unplugging. The full width drop-floor lets you clear even the worst blockage with ease – directly from the cab.

3 | CHAMBER SIZE

1.25-1.35 m adjustable bale diameter in a 1.21 m wide bale chamber for maximum bale weight.

4 | SIMPLIFIED DRIVELINE

The integrated driveline, teamed with T shape gearbox, delivers up to 210 hp to maintain field speed even in tough conditions.

5 | HEAVY DUTY

Featuring five pick-up tine bars mounted on sealed ball bearings, HD Diamond Chains and Hardox® wear plate rotor tines for a long life.

6 | TTS

Even in hilly terrain, the Table Transport System provides efficient bale transfer that preserves their shape.

7 | FILM BINDING

With its ultrasonic sensors, camera and roll clutch, the film binding system is highly reliable which reduces downtime. Switching from film to net is fast too, for maximum productivity from field to field.

8 | TYRES

Whether you require single or tandem axle, you have a choice of tyre sizes that keep the machine width below 3 m.

9 | QUICK CONVENIENCE

Enjoy speedy reloads with our innovative film roll storage system. Maintenance access is also easy with the gullwing style doors.

10 | FAST WRAPPING ARM

40 rpm produces a high wrapping system capacity with maximum productivity of up to 92 bales/h.



**ALSO AVAILABLE
WITH SINGLE AXLE**



FAST-LANE HARVESTING

C441R



The John Deere baler adds super-fast wrapping to high capacity baling, with easy ISOBUS control and speedy film replacement. The bottom line: more bales per day thanks to the high performance John Deere Transport Table System.

When comfort teams with productivity. Convenient wrapping film roll handling allows to save close to one minute every time the two film rolls have to be changed.





SUPER-FAST WRAPPING

Simply set how many layers to wrap on the cab display and relax. It takes just 37 seconds to eject, wrap and deliver the bale to the ground!



Electrical film binding module re-use several net system components, allowing to quickly swap from film to net. System is optimised to be used with John Deere XtraCover™ rolls.



EFFICIENT MULTI-CROP VERSATILITY

F441M

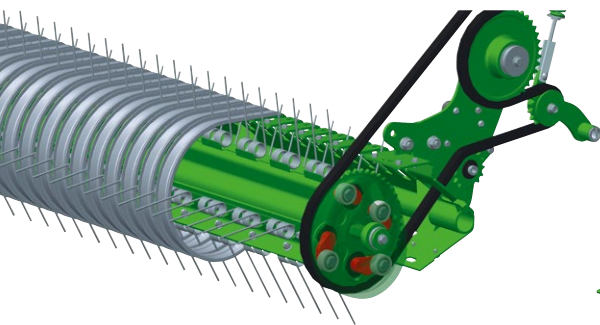


Our F441M is a fully-featured, reliable, multi-crop performer. It's ideal for medium volume use or if you have an operation where a narrow operating window demands higher capacity and speed.

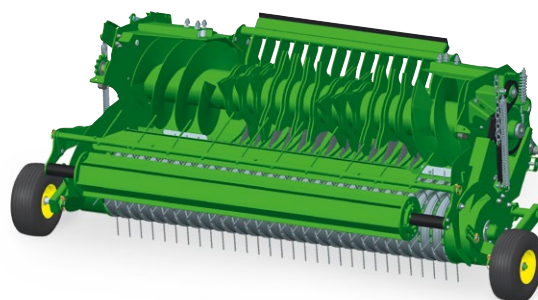


KEYS TO PERFORMANCE

The pick-ups are available in 2 m or 2.2 m widths. The cam track design easily handles very wide and tough windrows.



The optional drop-floor unplugging system uses a parallelogram mechanism to eliminate clogging on converging augers.



Rust-resistant galvanised pickups with Hardox® tines for extra durability.

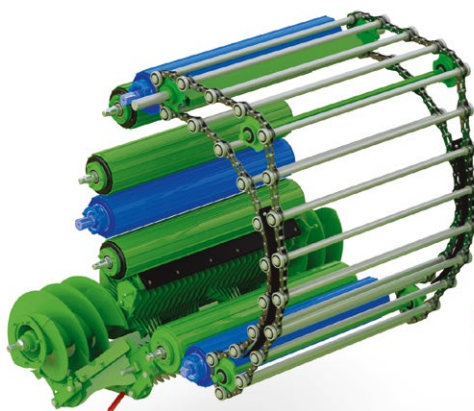


GET CONTROL

From basic net tying control (BaleTrak™ Easy) to full bale management with our BaleTrak™ monitor.

GET SPECIFIC

To achieve the optimal bale weight for your application, there's a choice of two purpose designed 1.21 m wide chambers.



Multi-crop – conveyor system



Silage – a series of aggressive 12-ribbed rollers

TOUGH AND EASY TO OWN

F440E AND F450E



Our F440E and 450E balers are economical, straightforward and robustly engineered. They're ideal if you're a small livestock farmer who cuts your own forage, or as a back-up machine for larger operations. You've a choice of twine and netwrap systems that produce either 1.2 m (F440E) or 1.5 m (F450E) diameter bales, and a standard 1.5 m pick-up or optional 1.9 m pick-up for heavier windrows.



SIMPLY SMART

You switch the Control Box on. You wait for the buzzer and the 'stop' light. You choose twine or Netwrap. Done.





Two different chamber sizes mean you can enjoy either 1.20 or 1.50 m diameter densely packed bales.



TOP FROM START TO FINISH

Our industry-leading pick-up is available in 1.50 or 1.90 m widths and lets you bale heavy windrows faster with reduced risk of plugging. Both the net or twine tying systems produce beautifully uniform, taut bales.

FIXED MAINTENANCE COSTS

POWERGARD™ PROTECTION PLANS

POWERGARD™

STATUS: PROTECTED

Powergard™ aftercare packages* let you accurately budget your maintenance costs and protect you from unexpected repair costs. You simply pay a fixed fee for easy budgeting and choose the level of cover you want. PowerGard™ Protection Plus contracts also include an annual Expert Check inspection for your baler.

POWERGARD™ MAINTENANCE

Covers all scheduled servicing using only John Deere parts.

POWERGARD™ MAINTENANCE

POWERGARD™ PROTECTION PLUS

It covers almost every component from belts and hoses to the pick-up tines.

*At participating dealers only. Requires a maintenance plan.



BALE VALUE BOOSTERS

CROP PACKAGING SOLUTIONS

John Deere crop packaging products enhance the performance of your baler and give your bales the very best protection.

XTRACOVER™

XtraCover™ is specially designed for use with the C441R film binding system. The 1,380 mm width offers perfect edge to edge protection as well as easy bale opening. It is also fully recyclable.

XTRANET™

Bale all day for less. Strong, long and wide, it's designed specifically for your baler's easy loading system.

COVEREDGE™ – THE ORIGINAL

The original leading edge protection. The net covers the bale edge, eliminating bale 'shoulders'.

XTRAFILM™ STRETCHWRAP

It clings better and protects for longer. Xtrafilm™ produces a powerful airtight seal, includes strong UV inhibitors and is highly resistant to punctures and tears.

XtraCover™



XtraNet™, CoverEdge™

SPECIFICATIONS

| | F440E* | F450E* | F441M |
|--------------------------------|---|--------|---|
| BALES | | | |
| Diameter (m) | 1.20 | 1.50 | 1.25-1.35 |
| Width (m) | 1.20 | | 1.21 |
| PICKUP | | | |
| Width (m)/(DIN width) | 1.90 m (1.79 m DIN) | | 2.00 m (1.86 m DIN) |
| | – | | 2.20 m (2.12 m DIN) with option |
| Tines bar | 4 tines bars with camtrack design and adjustable position | | 4 tine bars with camtrack design and galvanized strippers |
| Crop compressor | Compressor rods | | Compressor shield (2.00 m/2.20) or roller baffle (2.00 m/2.20) |
| Gauge wheels | Pneumatic, fixed with 7 positions | | Pneumatic, fixed or castor action, as option |
| ROTOR FEEDER | | | |
| Type | Forks | | RotoFlow HC Premium (no knives) |
| | – | | MaxiCut™ HC 13 Premium |
| Number of knives | – | | 13 |
| Knife set | – | | 0-13 |
| Unplugging system | – | | RotoFlow HC Premium: manual wrench or full width drop floor w/ parallel kinematic as option |
| | – | | MaxiCut™ HC 13 Premium: Full width drop floor w/ parallel kinematic |
| BALE CHAMBER | | | |
| Type | 2 ribbed roll + conveyor with 41 slats | | Multicrop: 7 ribbed rolls (3 reinforced) + rear conveyor with 32 reinforced slats |
| | – | | Silage Special: 17 ribbed rolls (4 reinforced) |
| Bale dumping | Bale ejector as base | | Ramp as option |
| Tractor Baler Automation | – | | – |
| NET BINDING | | | |
| Net system | Option. Adjustable by 0.5 turns | | Standard |
| Boarding capacity | 1 roll | | 2 net rolls as base |
| CoverEdge™ compatibility | NO | | Yes |
| FILM BINDING | | | |
| Film binding | Not available | | Not available |
| Boarding capacity | – | | – |
| TWINE BINDING | | | |
| Twine System | Continuously adjustable by knob | | Not available |
| Boarding capacity | 4 twines spools | | – |
| POWER TAKE OFF | | | |
| PTO speed | 540 rpm | | 540 rpm |
| | – | | – |
| PTO security/capacity | Shearbolt driveline security as base | | Camclutch – 102 kW for 540 rpm PTO |
| DISPLAYS | | | |
| Type | Control Box. Tying launching management | | Baletrak™ Easy or Baletrak™ |
| | – | | – |
| | – | | – |
| | – | | – |
| MAINTENANCE | | | |
| Auto chain lubrication | Option | | Standard |
| Grease bank | – | | – |
| Auto greasing system | – | | – |
| Extended greasing interval PTO | – | | Base |
| WRAPPING SYSTEM | | | |
| Bale transfer | – | | – |
| Wrapping arms | – | | – |
| Film breakage sensor | – | | – |
| Dumping mode | – | | – |
| Film boarding capacity | – | | – |
| TYRES | | | |
| Tyres size | 11.5/80-15.3, 400/60-15.5 | | 15/55-17, 15/70-18, 16/70-20 (chevron pattern), 19/45-17, 500/55-20 |
| MINI POWER REQUIREMENT | | | |
| kW/hp | 37/50 | | 56/75 |

*May not be available in all countries. Please ask your dealer.

| F441R | C441R | |
|---|--|---------------------------------------|
| 1.25-1.35 | 1.25-1.35 | |
| 1.21 | 1.21 | |
| 2.00 m (1.86 m DIN) | 2.20 m (2.12 m DIN) | |
| 2.20 m (2.12 m DIN) with option | – | |
| 5 tine bars with camtrack design and stainless steel strippers | 5 tine bars with camtrack design and stainless steel strippers | |
| Roller baffle | Roller baffle | |
| Pneumatic, fixed or castor action, as option | Pneumatic, fixed or castor action, as option | |
| MaxiCut™ HC 13 Premium | MaxiCut™ HC 13 Premium | |
| MaxiCut™ HC 25 Premium | MaxiCut™ HC 25 Premium | |
| 13 or 25 | 13 or 25 | |
| HC13: 0-13. HC25: 0-12-13-25 | HC13: 0-13. HC25: 0-12-13-25 | |
| – | – | |
| Full width drop floor w/ parallel kinematic | Full width drop floor w/ parallel kinematic | |
| 18 ribbed rolls with 2 reinforced and 2 heavy duty | 18 twelve ribs rolls with 2 reinforced and 2 heavy duty | |
| – | – | |
| Ramp as option Automatic tailgate as option with ISOBUS | – | |
| Standard with ISOBUS option | – | |
| Base | Base | |
| 2 net rolls as base | 2 net rolls as base + 1 roll as option | |
| Yes | Yes | |
| Not available | Option – Ex factory or retrofit bundle | |
| – | 2 film rolls as base + 1 roll as option | |
| Not available | Not available | |
| – | – | |
| 540 rpm | 540 rpm | |
| 1,000 rpm base with MaxiCut™ HC 25, Option with MaxiCut™ HC 13 | 1,000 rpm base with MaxiCut™ HC 25, Option with MaxiCut™ HC 13 | |
| Camclutch – 124 kW for 540 rpm PTO, 157 kW for 1,000 rpm PTO | Camclutch – 124 kW for 540 rpm PTO, 157 kW for 1,000 rpm PTO | |
| Baletrak™+ as base with MaxiCut™ HC 13 | GreenStar™ 4240 display in base | |
| Implement Display 1100 and GreenStar™ 4240 as option. | – | |
| Base with MaxiCut™ HC 25. ISOBUS baler | No monitor as option | |
| – | – | |
| No monitor as option with ISOBUS baler | – | |
| Base | Base | |
| Base | – | |
| Cartridge system or tank/ISOBUS system as option | Cartridge system as base, tank / ISOBUS system as option | |
| Base | Base | |
| – | Table Transfer System with optimised speed | |
| – | 2 arms with optimised speed (up to 40 rpm) | |
| – | Base | |
| – | Automatic or manual (4 modes, 3 speeds). Rubber mat or bale tilt as option | |
| – | 2 x 750 mm rolls on wrapping arms + 10 rolls storage | |
| 15/70-18, 16/70-20 (chevron pattern), 500/55-20, 520/55R22.5, 600/50R22.5 | Single Axle: 600/55R22.5, 750/45R22.5 | Tandem Axle: 500/45-22.5, 620/40R22.5 |
| 75/100 | 82/110 | |

NOTHING RUNS LIKE A DEERE™

Chances are that when you need us, you need us right then and there. For advice, to solve a problem, or for a part, reach out, we'll be there with technicians who are factory trained and ready to go to work for you, using only genuine John Deere parts and products.



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