

# FIXED CHAMBER ROUND BALERS



Built by the voice of the field



# WORLD CLASS QUALITY AT WORK FOR YOU

The first in a long line of reliable and efficient John Deere balers was manufactured over 60 years ago. Since then we have delivered more than 350,000 units to satisfied customers all over the world.

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Our established tradition of producing high quality agricultural machinery is continued by the new range of fixed chamber round balers. Whether you are looking for sophistication or simplicity, there's a John Deere fixed chamber round baler that's right for you and your operations.



John Deere fixed chamber round balers are manufactured in Europe by a dedicated professional team located at Arc-lès-Gray in France. Advanced technologies ensure their efficiency and ease of operation.



F4X0E



F441M



F441R



C441R

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# AT HOME IN EVERY CROP

John Deere fixed chamber round balers are the product of insights gathered from every corner of the world. Throughout the development of these machines we have been guided by the opinions and ideas of countless farmers, contractors and dealers across the planet.

Here's an overview of the strengths and capabilities of each of our fixed chamber round balers. Choosing the right baler for your operations could not be easier. Whichever you choose, you can be assured that it has been manufactured to meet John Deere's uncompromising standards of quality and reliability.



## 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



WIDE RANGE

IMPRESSIVE CAPABILITIES



**F441R**

- High capacity. Heavy duty design.
- Built for high volume use
  - Premium specification
  - Excellent in all kinds of crops



**C441R**

- High capacity. Efficient wrapping system.
- Tandem or single axle
  - Excellent in all kinds of crops

# MORE THAN YOU EXPECT

To understand how productive and rewarding baling can be, you just need to work with a John Deere baler. That's because we never stop working to keep our balers ahead of the field, ensuring that they always deliver more than you expect.



## MORE BALE WEIGHT

- 1.21 m bale chamber width
- 1.25 – 1.5 m bale diameter adjustment
- adjustable bale density



## MORE CROP QUALITY

- 40 mm knife spacing
- singly protected, double heat treated knives
- ultra low ground pressure



## MORE PRODUCTIVITY

- industry-leading feeding system
- up to 210 hp machine capacity
- 40 rpm wrapping arms speed



## MORE ROBUSTNESS

- oversized bearings, optimally sealed
- stronger drive train (gearbox, chains)
- Hardox® steel rotor tines



## MORE OPERATIONAL UPTIME

- superb in the driest straw and wettest silage
- unique unplugging system
- minimum maintenance, easy installation



**QUALITY AND RELIABILITY**

**PERFORMANCE AND PRODUCTIVITY**



# F440E AND F450E. ROBUST AND STRAIGHTFORWARD.

**SIMPLY EFFICIENT**

**CAPABLE AND STRONG**

## No more than you need. No less than ideal.

There's no need to invest in a top-of-the-range baler when your operations don't require such a sophisticated machine. Our F440E and 450E balers have been developed specifically for operations that are best served by a baler that's economical, straightforward and robustly engineered.

Ideal for small livestock farmers who cut their own forage or as a back-up machine for larger operations. They are available with twine and netwrap binding systems that produce either 1.2 m (F440E) or 1.5 m (F450E) diameter bales with a standard 1.5 m pick-up or optional 1.9 m pick-up for heavier windrows.



### Feeding system

The industry-leading feeders enable faster baling of heavy windrows and extend plugging limits. Choose between 1.5 m and 1.9 m pickup width.







**Bale chamber**

The conveyor system can turn out densely packed bales with diameters from 1.20 m to 1.5 m.



**Tying system**

The well proven tying systems – net or twine – produce even, taught bales.



**Control Box**

This straightforward 3-button control box couldn't be easier to use. Switch on. Wait for the buzzer to sound and the 'stop' light to flash. Then press the Twine or Netwrap button for your preferred crop care packaging.

**High capacity feeding system**

The high performance feeders enable faster baling of heavy windrows and extend plugging limits.

**Drop floor**

Hands-free unplugging. Parallelogram-mounted, full-width hydraulic drop floor clears the worst blockages, even in front of converging augers.

**Bale chamber size**

The 1.21 m wide chamber maximises bale weight and produces bales with a diameter from 1.25 m to 1.35 m.

**Bale chamber technology**

Available with a conveyor system or with 17 (F441M) or 18 (F441R) 12-rib rollers. The chamber extends multicrop capacities.

**Heavy duty components**

Four (F441M) or five (F441R) pickup tine bar mounted on sealed ball bearings, heavyduty chains, upgraded steel rollers, oversized bearings and feeder rotors with Hardox® tines prolong durability.

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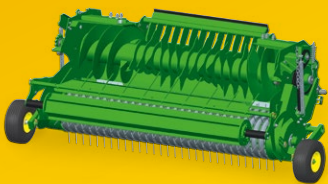
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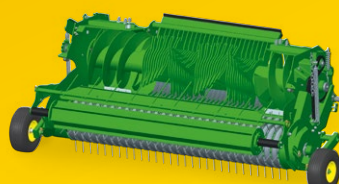
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## F441M & F441R. Industry-leading technology

This is what puts F441M & F441R ahead of the field. These balers share many core components including features from our top-of-the-line baler. So you benefit from the speed and reliability of our industry-leading baling technology.



The RotoFlow HC is an excellent multicrop feeder.



MaxiCut HC is available with either 13 or 25 knives.



The drop floor provides hands-free unplugging.

**Powerful driveline**

The integrated driveline, teamed-up with T shape gearbox, delivers up to 137 hp (F441M) or 210 hp (F441R) to maintain field speed even in tough conditions.

**User-friendly net system**

Easy setting up and tracking, installation is completed without tools in under 1 minute.

**Wide flotation tyres**

Minimises soil compaction. Available with tyre sizes up to 500/55-20 (F441M) or 600/50-22.5 (F441R).

**Excellent access & easy maintenance**

Monobloc side gullwing doors, central greasing bank, chain auto-lube system and design optimised to prevent crop accumulation gets you back home earlier after a long day of work.

**High density bales**

Our bales are dense and keep their shape even after several handling operations – typical for bales produced by John Deere balers.

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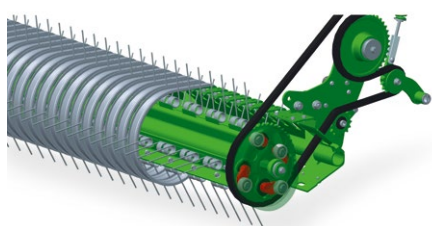


HIGH PERFORMANCE

INNOVATIVE TECHNOLOGY

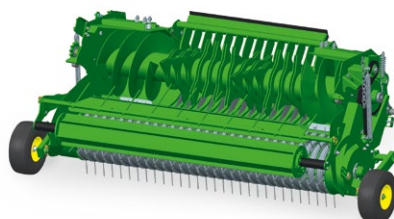
# F441M. MULTICROP VERSATILITY. EFFICIENT OPERATION.

Offering true multi-crop baling the F441M is ideal for medium volume use or for low volume operations where a narrow timeframe means high capacity and speed are essential. Packed full of features it's a high value package that will perform reliably, year after year.



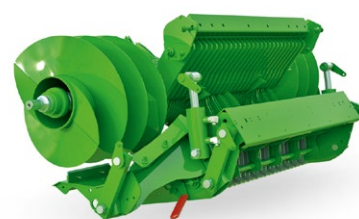
## Pickups

The pickups are available in widths of 2 m or 2.2 m. Their cam track design easily copes with the shortest and stickiest crops. All tine bars are protected by sealed ball bearings.



## High capacity rotors

For hay and straw choose RotoFlow HC, for silage cutting go for the 13-knife MaxiCut HC 13 precutter. These high capacity 2 m or 2.2 m galvanised pickups are rust-resistant, have Hardox® tines, are very durable and provide a much smoother crop flow.



## Drop floor

The optional drop-floor unplugging system uses a unique parallelogram mechanism. It's the widest on the market, enabling the elimination of clogging on converging augers.



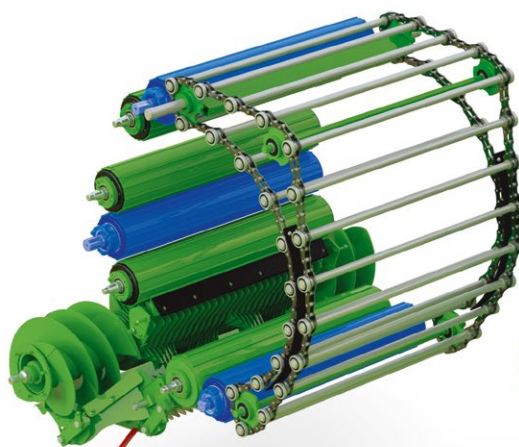


**BaleTrak monitors**

Two monitors are available. The BaleTrak Easy monitor offers basic net and twine tying control, The BaleTrak monitor adds diameter indicator, complete net and twine tying management and full screen view.

**Bale chamber choice**

Choose from two purpose-designed chamber designs, both of which are 1.21 m wide for optimal bale weight.



**Multicrop**

The conveyor system is the ideal solution for multicrop operations.



**Silage special**

Silage applications are best served by the roller system, featuring a series of aggressive 12-ribbed rollers.

# F441R. THE NEW BENCHMARK.

## High capacity. Heavy duty design.

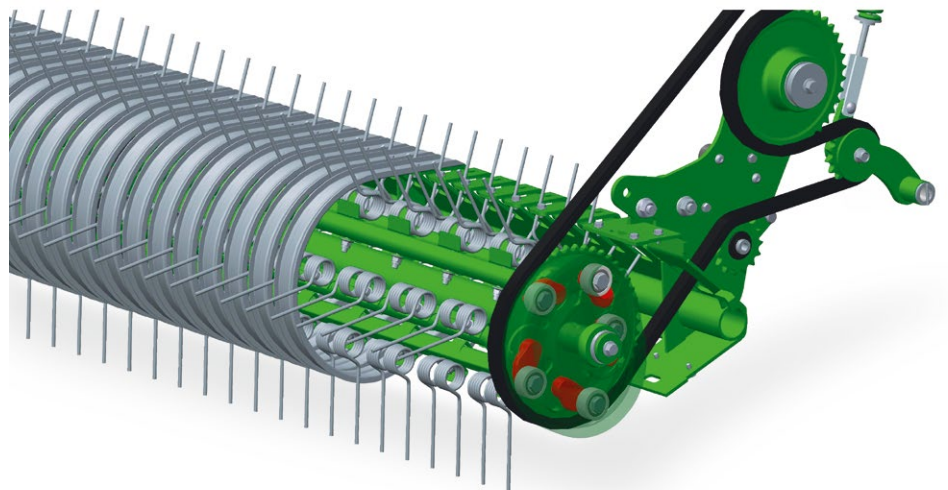
Our top-of-the-line solo baler is the F441R.

Designed and engineered to deliver excellent in-field performance, the F441R baler offers legendary John Deere quality and reliability. Close inspection reveals impressive attention to detail and the innovative technology that has been especially developed for the F441R.



### Pick-up

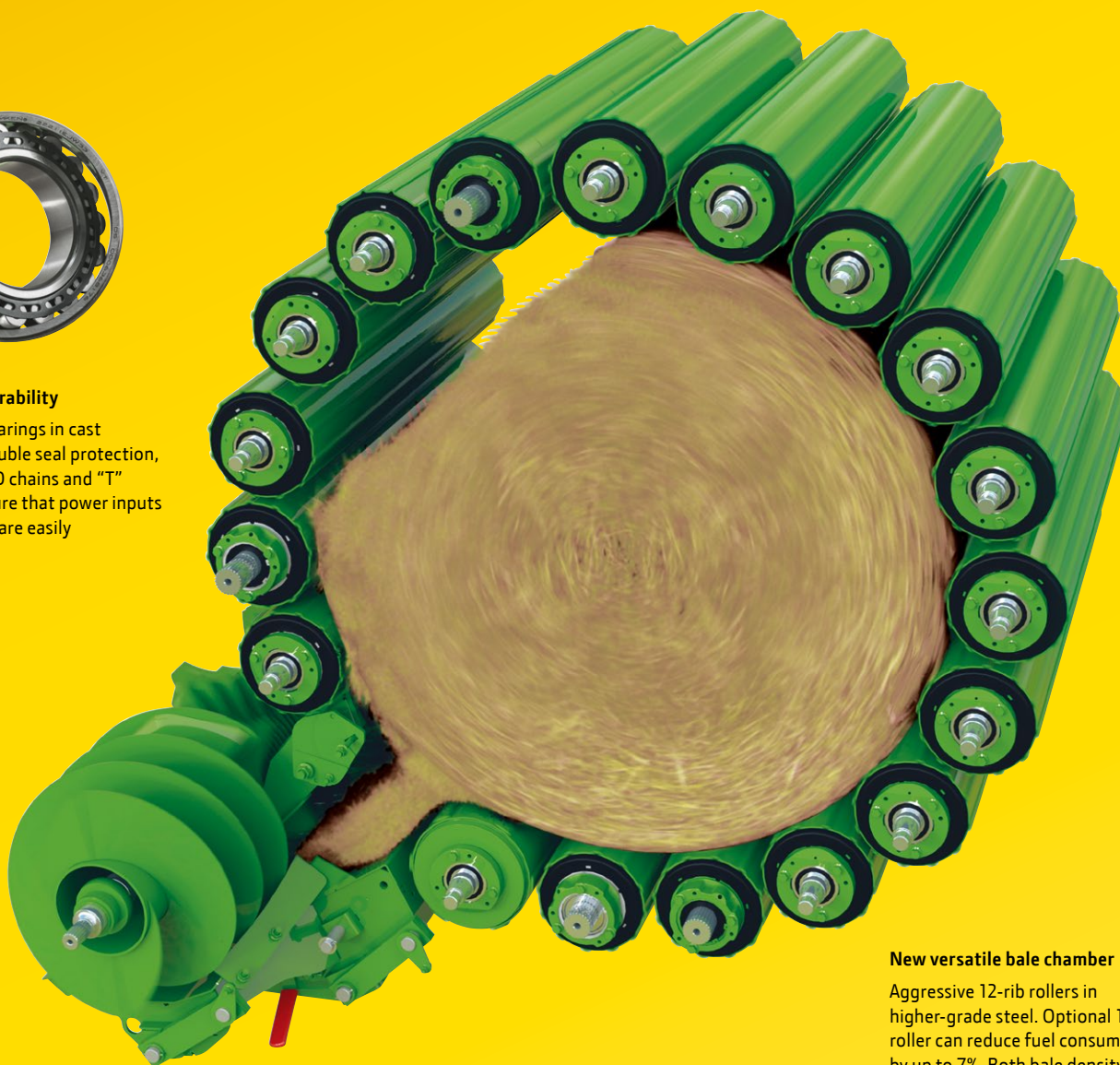
Cam track technology offers unbeaten performance in short or sticky crops such as 2nd or 3rd cut silage and the precise interaction of tines and rotor delivers a consistently smooth crop flow. High productivity is assured by the use of a 6 mm diameter tine mounted on no less than five tubular bars.





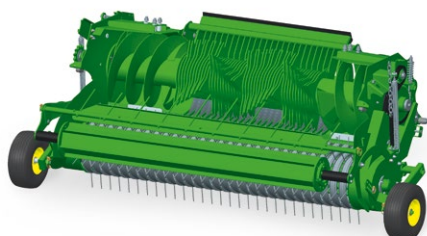
**Extended durability**

Oversized bearings in cast housings, double seal protection, full RC100 HD chains and "T" gearbox ensure that power inputs up to 210 hp are easily manageable.



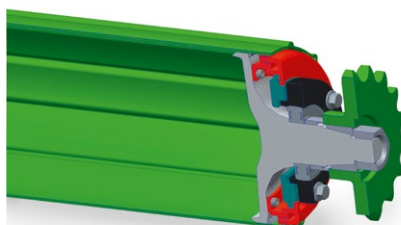
**New versatile bale chamber**

Aggressive 12-rib rollers in higher-grade steel. Optional 18th roller can reduce fuel consumption by up to 7%. Both bale density and diameter are set-up from the cab over the ISOBUS connection.



**High capacity 13 or 25 knife precutter rotors**

Choice of 2 m or 2.2 m pickups have unique stainless steel strippers and Hardox® tines. Theoretical cutting height either 80 mm or 40 mm.



**Roller bearing sealing**

Fully greaseable bearings are protected by a triple "chicane" design, combined with a pair of 4 lips. External material cannot penetrate and damage the system.



**Monitors**

Choice of monitors, including the GreenStar 1800, using standard or ISOBUS technologies, all offer a user-friendly interface.

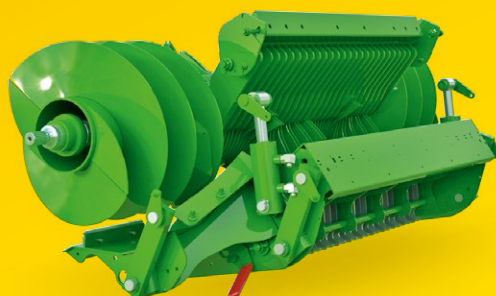
## C441R Combi. Heavy duty. High capacity. Top satisfaction.

We challenged ourselves to create the ultimate wrapping baler, and here it is. It combines the premium F441R solo baler and the John Deere Table Transport System in a short and compact format with practical and modern styling.

The result is the C441R Combi. A perfectly balanced machine that's available in either single or tandem axle versions.



MaxiCut HC is available with either 13 or 25 knives.



The drop floor provides hands-free unplugging.



**All the strengths of the F441R**

The same high capacity feeding system, drop-floor unplugging, bale chamber specification and powerful driveline as the benchmark F441R baler.

**Heavy-duty components**

Five pickup tooth bar mounted on sealed ball bearings, heavy duty chains, upgraded roll steel, oversized bearings, reinforced sealing and Hardox® rotor tines.

**Excellent access**

Patented film roll storage system quickly exchanges and reloads 20 kg rolls. Wide-opening gullwing side panels enable easy maintenance and adjustment.

**Transfer Table System (TTS) and wrapping system**

Smooth, efficient bale transfer system prevents bale deformation. At 40 rpm, the wrapping arm speed ensures well-balanced baling and wrapping performance.

**Tailored for any field conditions**

An extremely wide range of flotation tyres is available for both single and tandem axle versions, minimising ground pressure and soil damage.

- 1
- 2
- 3
- 4
- 5



**TIME-SAVING TECHNOLOGY  
COMBI BALER AND WRAPPER**



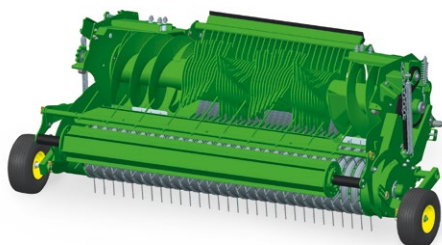
Also available with single axle.

# C441R. THE ULTIMATE COMBI.

## All the advantages of the F441R. Plus high performance wrapping.

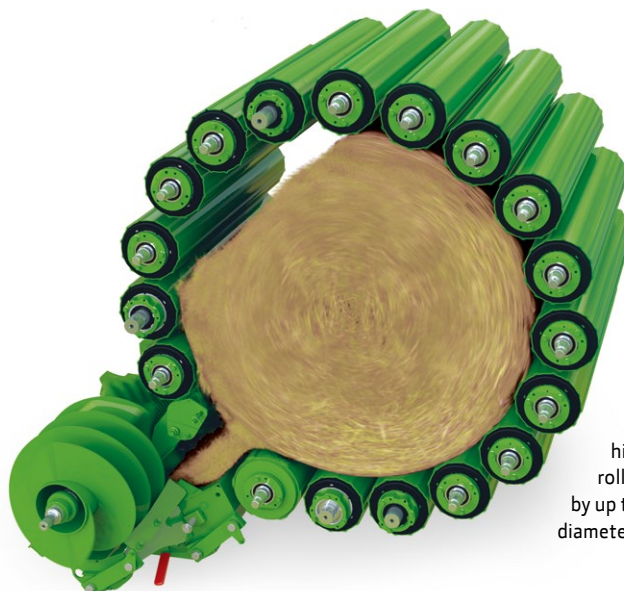
Producing more bales in a day is made possible by the high performance John Deere Transport Table System.

It allows one bale to be held on the table while the next bale is being formed and then ejects both bales at the same time. This saves time, simplifies bale collection logistics and accelerates harvesting.



### High capacity 13 or 25 knife precutter rotors

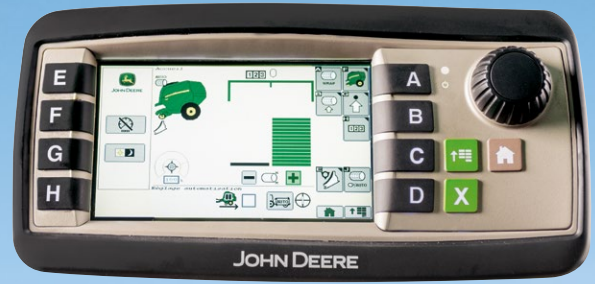
Choice of 2.0 m or 2.2 m pickups with unique stainless steel strippers and Hardox® tines. Theoretical cutting height either 80 mm or 40 mm.



### New versatile bale chamber

Aggressive 12-rib rollers in higher-grade steel. Optional 18th roller can reduce fuel consumption by up to 7%. Both bale density and diameter are set-up from the cab.





**Choice of monitors**

ISOBUS compatibility means the C441R can be operated and controlled by a wide range of available ISOBUS monitors, starting with the 1100 display in the base configuration. So there are fewer reasons to leave the cab while working.



**MORE BALES PER DAY**  
**RAPID WRAPPING SYSTEM**



**Transport table**

Transitioning the bales from the chamber to the table is fast and smooth, preventing bale deformation that could cause air to become trapped beneath the film. At 40 rpm, new wrapping arms apply five layers of film at breathtaking speed. This is the optimum speed for the most productive interaction between the baler and the wrapper.



**Rapid film roll loading**

This John Deere system maintains high productivity by providing quick and simple reloading of film rolls.

# BOOSTING BALE VALUE

John Deere crop packaging products bring you two important advantages. They enhance the performance of your John Deere baler, and they are manufactured to provide you with the very best protection for your bales.

## **XtraTwine. Reduce costs, improve efficiency.**

Extra strong twines to suit your needs, with easy feed pool centres.

## **XtraFilm Stretchwrap. Clings and protects better, now longer.**

Powerful airtight seal, strong UV inhibitors and exceptional resistance to punctures and tears.

## **CoverEdge. Leading edge protection.**

The net covers the bale edge, eliminating bale “shoulders”.

## **XtraNet. Bale all day for less.**

Designed specifically for your baler, with easy loading system. Strong, long and wide.



XtraTwine



XtraFilm Stretchwrap



CoverEdge roll



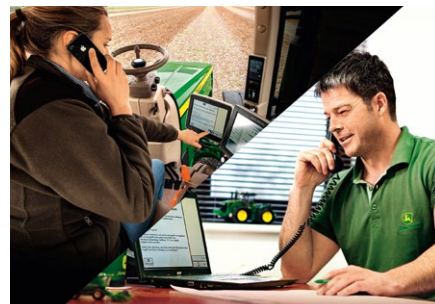
XtraNet roll

DEFINITELY  
A JOHN DEERE  
BALE

## OPTIMISING PRODUCTIVITY WITH INTEGRATED SOLUTIONS

Modern farming isn't just a matter of managing a farm – you are managing a complex enterprise.

That's why maximising performance and productivity depends on being well connected. MyJohnDeere.com makes things simple. It enables you to stay connected with your tractor via smartphone, tablet or office PC.



### Remote Display Access with JDLink

The JDLink Connect telematics system combines machine location and performance data with John Deere Remote Display Access. It enables machine optimisation, remote operator support and seamless transfer of agronomic data. Invaluable for remotely based managers, fleet controllers and dealers.

# Specifications

	F440E*	F450E*
<b>BALE</b>		
Diameter (m)	1.20	1.50
Width (m)	1.20	1.20
<b>PICKUP</b>		
width (m)/(Din width)	1.90 m (1.79 m DIN)	1.90 m (1.79 m DIN)
	–	–
Tines bar	4 tine bars with camtrack design and adjustable position	4 tins bars with camtrack design and adjustable position
Crop compressor	Compressor rods	Compressor rods
Gauge wheels	Pneumatic, fixed with 7 positions	Pneumatic, fixed with 7 positions
<b>FEEDER</b>		
Type	Forks	Forks
	–	–
Number of knives	–	–
Knife set	–	–
Unplugging system	–	–
	–	–
<b>BALE CHAMBER</b>		
Type	1 ribbed roll + conveyor with 33 slats	2 ribbed roll + conveyor with 41 slats
	–	–
Bale dumping	Bale ejector as base	Bale ejector as base
<b>TWINE BINDING</b>		
Twine System	Continuously adjustable by knob	Continuously adjustable by knob
Boarding capacity	4 twines spools	4 twines spools
<b>NET WRAPPING</b>		
Net system	Option. Adjustable by 0.5 turns	Option. Adjustable by 0.5 turns
Boarding capacity	1 roll	1 roll
CoverEdge compatibility	NO	NO
<b>MONITORS</b>		
Type	Control Box. Tying launching management	Control Box. Tying launching management
	–	–
	–	–
	–	–
<b>DRIVE LINE</b>		
PTO speed	540 RPM	540 RPM
	–	–
PTO security / capacity	Shearbolt driveline security as base	Shearbolt driveline security as base
	–	–
<b>MAINTENANCE</b>		
Auto chain lubrication	Option	Option
Grease bank	–	–
Auto greasing system	–	–
Extended greasing interval PTO	–	–
<b>WRAPPING SYSTEM</b>		
Bale transfer	–	–
Wrapping arms	–	–
Film breakage sensor	–	–
Dumping mode	–	–
Film boarding capacity	–	–
<b>TYRES</b>		
	11.5/80-15.3	11.5/80-15.3
	400/60-15.5	400/60-15.5
Tyres size	–	–
	–	–
	–	–
<b>MINI POWER REQUIREMENT</b>		
kW / hp	30 / 40	37 / 50

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

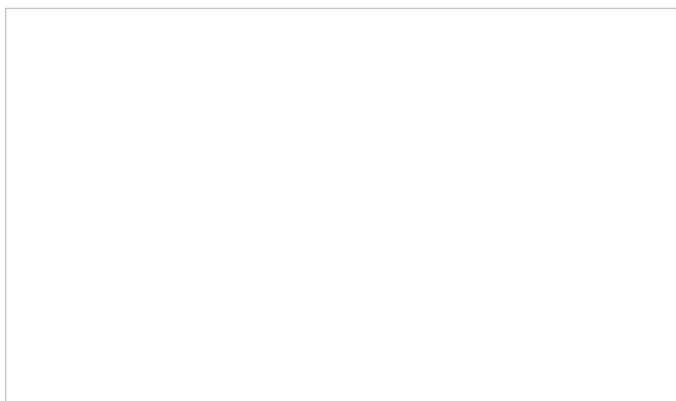
F441M	F441R	C441R	
1.25 - 1.35	1.25 - 1.35	1.25 - 1.35	
1.21	1.21	1.21	
2.00 m (1.86 m DIN)	2.00 m (1.86 m DIN)	2.00 m (1.86 m DIN)	
2.20 m (2.12 m DIN) with option	2.20 m (2.12 m DIN) with option	2.20 m (2.12 m DIN) with option	
4 tine bars with camtrack design and galvanized strippers	5 tine bars with camtrack design and stainless steel strippers	5 tine bars with camtrack design and stainless steel strippers	
Compressor shield (2.00 m/2.20) or roller baffle (2.00 m/2.20)	Compressor shield (2.00 m) or roller baffle (2.00 m/2.20)	Compressor shield (2.00 m) or roller baffle (2.00 m/2.20)	
Pneumatic, fixed or castor action, as option	Pneumatic, fixed or castor action, as option	Pneumatic, fixed or castor action, as option	
Rotoflow HC (no knives)	Maxicut HC 13	Maxicut HC 13	
Maxicut HC 13	Maxicut HC 25	Maxicut HC 25	
13	13 or 25	13 or 25	
0-13	HC13: 0-13. HC25: 0-12-13-25	HC13: 0-13. HC25: 0-12-13-25	
Rotoflow HC : manual wrench or full width drop floor w/ parallel kinematic as option	–	–	
Maxicut HC :Full width Drop floor w/ parallel kinematic	Full width Drop floor w/ parallel kinematic	Full width Drop floor w/ parallel kinematic	
Multicrop: 7 ribbed rolls (3 reinforced) + rear conveyor with 32 reinforced slats	17 or 18 ribbed rolls with 2 reinforced and 2 heavy duty	17 or 18 twelve ribs rolls with 2 reinforced and 2 heavy duty	
Silage Special: 17 ribbed rolls (4 reinforced)	–	–	
Ramp as option	Ramp as option	–	
2 independent arms as option	Not available	Not available	
5 twine spools	–	–	
Option	Base	Base	
2 net rolls as base + 1 roll as option	2 net rolls as base + 1 roll as option	2 net rolls as base + 1 roll as option	
Yes	Yes	Yes	
Baletrak Easy or Baletrak	Baletrak+ as base with Maxicut HC13	Implement Display 1100 in base	
–	Implement Display 1100 as option. Base with Maxicut HC 25. ISOBUS baler	Greenstar 1800 as option	
–	Greenstar 1800 as option with ISOBUS baler	No monitor as option	
–	No monitor as option with ISOBUS baler	–	
540 RPM	540 RPM	–	
–	1,000 RPM base with Maxicut HC25, Option with Maxicut HC13	1,000 RPM base with Maxicut HC25, Option with Maxicut HC13	
90 kW shearbolt driveline security as base with Rotoflow HC	Camclutch – 113 kW for 540 RPM PTO, 157 kW for 1,000 RPM PTO	Camclutch – 113 kW for 540 RPM PTO, 157 kW for 1,000 RPM PTO	
102 kW camclutch with Maxicut HC13, Option for Rotoflow HC	–	–	
Option	Base	Base	
–	Base	–	
–	Cartridge system as base, 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 optimized speed (up to 40 rpm)	
–	–	Base	
–	–	Automatic or manual. Rubber mat or bale tilt as option	
–	–	2 x 750 mm rolls on wrapping arms + 10 rolls storage	
11.5/80-15.3	15/70-18	Single Axle	Tandem Axle
15/55-17	16/70-20	600/55R22.5	16/70-20
19/45-17	500/55-20	750/45R22.5	500/55-20
500/55-20	500/60-R22.5	–	620/45R22.5
–	600/50-22.5	–	–
56/75	75/100	82/110	

# NOTHING RUNS LIKE A DEERE.

John Deere dealerships are dedicated to maintaining your machines to the highest possible standards, using only genuine parts, attachments and fluids.

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And their technicians – all factory-trained – are familiar with every nut, bolt and byte in your equipment. So you can count on them keeping your John Deere product running ahead of the field.



John Deere Financial – A range of finance options as powerful as our products. Contact your John Deere dealer for a comprehensive range of finance options to suit the specific needs of your business. Not available in all countries please consult your local dealer.

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