

# Zero Series Mower-Conditioners

Cut More Hay Per Day



JOHN DEERE





# Get More **With John Deere** **Zero Series Mower-Conditioners**

## **Cover More Acres**

Get more done in a day with Zero Series Mower-Conditioners. Cover up to 10% more acres per hour\* with the 16 ft. 4 in. (5 m) C500 Mower-Conditioner.

## **Greater Tractor Compatibility**

Mow with a wider range of tractors and handle hills easier, due to the lighter weight of the John Deere C400 Mower-Conditioner.\* This gives you the flexibility to use lower horsepower tractors, and you also get wider conditioning rolls, continued great maneuverability and durability with swivel hitch options.

## **Save Time with Quick Change Knives**

Cut your time changing knives in half\*\* with the Quick Change Knives, available on the redesigned John Deere Zero Series Mower-Conditioners. This lets you spend less time servicing your mower and more time cutting hay. You can maintain cut quality, because changing a knife in the field has never been easier.

\*compared to previous models

\*\*compared to standard bolted knives of previous models

# Zero Series Mower-Conditioner

Cutting widths 8 ft. 2 in to 16 ft. 4 in.  
(2.5 m to 5 m)



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## **S250 Mower-Conditioner**

Side-pull  
8 ft 2 in. (2.5 m) cutting width  
Impeller conditioner

## **S300 Mower-Conditioner**

Side-pull  
9 ft. 9 in. (3 m) cutting width  
Impeller, Urethane, or V-10 conditioners

## **S350 Mower-Conditioner**

Side-pull  
11 ft. 6 in. (3.5 m) cutting width  
Impeller, Urethane, or V-10 conditioners

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## **C300 Mower-Conditioner**

Center-pivot  
9 ft. 9 in. (3 m) cutting width  
Impeller, Urethane, or V-10 conditioners

## **C350 Mower-Conditioner**

Center-pivot  
11 ft. 6 in. (3.5 m) cutting width  
Impeller, Urethane, or V-10 conditioners

## **C400 Mower-Conditioner**

Center-pivot  
Newly redesigned  
13 ft. (4 m) cutting width  
Impeller, Urethane, or V-10 conditioners

## **C450 Mower-Conditioner**

Center-pivot  
14 ft. 6 in. (4.5 m) cutting width  
Impeller, Urethane, V-10, or  
Tri-Lobe conditioners

## **C500 Mower-Conditioner**

Center-pivot  
New Mower-Conditioner  
16 ft. 4 in. (5 m). cutting width  
Impeller, Urethane, V-10 or  
Tri-Lobe conditioners

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## Which Mower-Conditioner is right for you?

### **Pull-Type Mower-Conditioner**

Now you can get more done and produce high quality hay with John Deere Zero Series Mower-Conditioners.

### **Mount Mower-Conditioner**

In addition to Zero Series Mower-Conditioners, John Deere has front- and rear-mount mower-conditioners. Or use both for a Triple-Mount Mower-Conditioner.

Visit [JohnDeere.com/MoCo](https://www.johndeere.com/MoCo) to learn more.



# Get More **with the C500**

Now you can get more done in a day with the John Deere C500 Mower-Conditioner. Cover 10% more acres per hour\* with the 16 ft. 4 in. (5 m) cutting width of the C500.

## Overshot cross auger

To get crop from the cutterbar to the conditioning rolls, the C500 uses the overshot cross auger system. This improves windrow formation and reduces ash content for the productivity and the dry down you demand.

## Increase Uptime

Quick Change Knives, available on all John Deere Zero Series Mower-Conditioners, cut your time replacing knives in half\*\*.

\*compared to previous models

\*\*compared to standard bolted knives on previous models

## Conditioning Options to Meet Your Needs

The C500 is available with a variety of conditioning options to fit your operation.

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**Impeller.** An economic option for grass and legume mixes.

**Urethane Rolls.** Excellent for thicker stemmed grasses, cane or legume crops.

**V10 Steel Rolls.** Brings durability with improved crop conditioning.

**Tri-Lobe™ Steel Rolls.** Premium steel roll for advanced conditioning.

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## Increased Tractor Compatibility & Mobility

The redesigned C400 gives you greater tractor compatibility, productivity and maneuverability.





## Lighter Weight, Heavy Productivity

You can mow with a wider range of tractors and handle hills easier, thanks to the lighter weight of the C400.\* The 13 ft. (4 m) cutting width lets you cover a lot of acres in a day.

## Maneuverability & Versatility

The C400 is not only a productive mower-conditioner, but one of the most maneuverable, as well. You can mow with a wide range of tractors, thanks to two hitch options available. The Rockshaft swivel hitch attaches quickly to a Quick-Coupler or the 3-point arms on the tractor. For tractors without 3-point arms, the drawbar swivel hitch needs to be selected.

\*compared to previous models



## More Uptime, More Confidence

Quick Change Knives help you increase uptime, and the five-year cutterbar warranty provides you with confidence in the durability of your mower-conditioner.



### Quick Change Knives

Maintaining sharp knives is critical to harvesting your crop and leaving a clean-cut field. It's never been easier to change dull or bent knives in the field. The Quick Change Knives reduce your time changing knives by 50%, compared to bolted systems. There's no need for an impact tool or air compressor, simply insert the quick change knives tool and you can swap out knives in seconds. Quick Change Knives come standard on all John Deere Zero Series Mower-Conditioners. Retrofit kits are available for most 600, 800 and 900 Series Mower-Conditioners.



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**5-year**  
Cutterbar Warranty

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## Cutterbar Confidence

John Deere Mower-Conditioners feature a **5-year cutterbar warranty** that lets you cut with confidence. The patented cutterbar design features individual, diagonal-cut modules, allowing each module to be removed individually for service, leaving the remaining modules attached to the frame. The cutterbar is built to last with nodular iron modules that are highly resistant to impact damage. In addition, large, heavy-duty idler gears reduce driveline speed and wear. Gauge shoes provide accurate control of cut height and protect the cutterbar, while the common oil bath keeps internal components lubricated and reduce oil-level checkpoints. The shear hub protection minimizes cost and decreases repair time in the field. The low-profile cutterbar allows the operator to cut at a flatter angle for improved cut quality and reduced wear on components.



Change knives in minutes, using only this quick change tool, which attaches to the back of the Mower-Conditioner for easy access.

# Reduce Dry Down Time with a Variety of Conditioning Options

Reducing dry down time helps you maintain optimum feed values and prevent leaf loss in legumes. Hay and forage producers have a wide variety of crops and face a number of challenging conditions. That's why John Deere provides a wide variety of conditioning options.

## Options for All Conditioning Needs

John Deere Zero Series Mower-Conditioners feature four different conditioning options, so you can find the best fit for your crop and conditions.



The economic **Impeller** is ideal for light-stemmed grasses and alfalfa that respond well to scuffing the stems.



The soft **Urethane** roll provides excellent performance in legumes and grasses.



The **V10** steel option increases crimping for faster dry down and improved wear life.



Premium **Tri-Lobe™** steel rolls use a chevron design to crimp and crush crop.



## **Easily Adjust Windrows**

Now you can easily adjust the width of your windrow, thanks to the adjustable swath boards. The adjustable swath boards help direct crop coming through the conditioner assembly, providing a quick adjustment to windrow width. You can make large adjustments to windrow width in the field, with no tools required.

## **Increase Windrows with Forming Vanes**

Increase windrow widths up to 25%, thanks to the forming vanes. Previously called wide swath kits, the forming vanes come standard on the swath board when available. You can use the forming vanes to further customize windrow formation and better condition the crop just as you need it. Install all vanes directing crop flow outward to provide the widest windrow and fastest curing. For more even distribution and consistent drying use vanes to direct heavy crop flow. Forming vanes can be stored on the machine for easy access when not in use.

## John Deere Connected Support™

Many John Deere machines come from the factory with John Deere Connected Support™ installed. For years, our customers have used connected tools to remotely monitor and proactively service machines to increase uptime. Expert Alerts is a proactive monitoring system that automatically notifies dealers (with a customer's permission) of potential machine issues. This allows technicians to diagnose issues remotely and fix them before they become a problem.



## Protect Your Investment

PowerGard™ Protection Plan lets you purchase additional protection beyond the normal John Deere factory warranty. In addition, you can lock in annual maintenance costs on select John Deere products with the John Deere Protect Maintenance, Maintenance Plus Plan, or Maintenance Plus Wear Plan.

## John Deere Financial

John Deere Financial offers value no other lender can—a deep understanding of your industry, unmatched equipment expertise, and personalized financial solutions that can be quickly arranged through your dealer at the time of you purchase. **Visit [JohnDeereFinancial.com](https://www.johndeerefinancial.com) to learn more.**



## Specifications

MODEL	PTO SPEED	540-RPM PTO, 1 3/8" SHAFT	1,000-RPM PTO, 1 3/8" SHAFT	DISCS
<b>S250 Side-Pull MoCo</b>	540 rpm only	55 to 75 hp (41 to 56 kW)	N/A	5
<b>S300 Side-Pull MoCo</b>	540 or 1,000 rpm	65 to 81 hp (48 to 60 kW)	65 to 150 hp (48 to 112 kW)	6
<b>S350 Side-Pull MoCo</b>	1,000 rpm only	N/A	90 to 150 hp (68 to 112 kW)	7
<b>C300 Mid-Pivot MoCo</b>	540 rpm or 1,000 rpm	70 to 81 hp (52 to 60 kW)	70 to 150 hp (52 to 112 kW)	6
<b>C350 Mid-Pivot MoCo</b>	1,000 rpm only	N/A	90 to 150 hp (68 to 112 kW)	7
<b>C400 Mid-Pivot MoCo</b>	1,000 rpm only	N/A	95 to 150 hp (75 to 112 kW)	8
<b>C450 Mid-Pivot MoCo</b>	1,000 rpm only	N/A	100 to 150 hp (75 to 112 kW)	9
<b>C500 Mid-Pivot MoCo</b>	1,000 rpm only	N/A	120 to 210 hp (89 to 157 kW)	10

	CUTTING WIDTH	CUTTING HEIGHT	CONDITIONER	HITCH	TRANSPORT WIDTH
	8 ft. 2 in. (2.5 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller	Clevis or equal angle	8.2 ft. (2.5 m)
	9.8 ft. (3.0 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, or V-10	Clevis, equal angle, Rockshaft swivel, or drawbar swivel	9.75 ft. (3 m)
	11.5 ft. (3.5 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, or V-10	Clevis, equal angle, Rockshaft swivel, or drawbar swivel	11.5 ft. (3.5 m)
	9.8 ft. (3.0 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, or V-10	Equal angle, Rockshaft swivel, or Drawbar swivel	9.8 ft. (3 m)
	11.5 ft. (3.5 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, or V-10	Equal angle, Rockshaft swivel, or Drawbar swivel	11.5 ft. (3.5 m)
	13 ft. (4.0 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, or V-10	Rockshaft or Drawbar swivel	13 ft. (4 m)
	14.5 ft. (4.5 m)	1.1 to 3.8 in. (2.8 to 9.6 cm)	Impeller, Urethane, V-10, or Tri-Lobe	Rockshaft or Drawbar swivel	14.5 ft. (4.5 m)
	16 ft. (4.9 m)	0.63 to 6.7 in. (1.6 to 17 cm)	Impeller, Urethane, V-10, or Tri-Lobe	Rockshaft or Drawbar swivel	16.5 ft. (5.03 m)

Learn more at [JohnDeere.com/MoCo](https://www.johndeere.com/MoCo).



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