

The right combination for your crop

More options. Efficient combinations.

Choose the right conditioning system for your crop.

The chevron design on **urethane rolls** provides increased crimping and more pressure per square inch. Perfect for conditioning tender crops like clover and alfalfa.

Steel impeller tines carry your crop against the conditioning hood to remove the stems' waxy layer, allowing moisture to escape. Ideal for shorter brome, fescue, alfalfa and grasses.

600 and 800 Series MoCo's let you make changes to the conditioning hood using a convenient hand crank, so you don't need extra tools to adapt to field conditions.



Urethane Roll Conditioner: Unlike rubber rolls, our urethane rolls aren't formed under intense heat, so they stay straight as an arrow. Straight rolls can be positioned more accurately for uniform spacing, so your hay dries evenly.

Impeller Conditioner: Impeller tines swing freely to reduce potential damage from rocks or other solid objects. Tines are bolted in place for easy replacement.



A new hydraulic lock on the platform lift cylinders (shown above in the unlocked position) is standard on the 600 and 800 series.



New crank handles bring the convenience of no-tool adjustments to the platform float.



Form windrows the way you want with the new easily adjustable swathboard.



The updated design allows for improved access to driveline grease fittings, making service easier than ever.

Maneuverability made easy

Easy maneuvering, durable construction.

Engineered for long-lasting performance, the all-new 830 and 835 Center-Pivot Mower-Conditioners feature a new equal-angle tongue for improved turning. Back-and-forth mowing is easier than ever.

Practical performance.

John Deere MoCo's maximize your crop yield with the low-profile cutterbar, and the exclusive shear hub protects internal gears for faster, less-expensive repairs. Plus, no-tool adjustments to forming shields, swathboard, and platform float make changes quick and easy.

Added Protection. 800 Series MoCo's come with the peace of mind of John Deere's three-year cutterbar warranty.*

*Three-year warranty covers internal drive components on 600 and 800 Series Mower-Conditioners. See dealer for details.



Both the 600 and 800 Series MoCo's can be easily positioned behind the tractor for a transport width the same as the cutting width. Hydraulic controls let you pull into a field, drop the MoCo into cutting position and start cutting.



Better turning capability comes standard with the new equal-angle tongue on the 800 Series MoCo's.

The optional swivel hitch further increases maneuverability, making back-and-forth mowing easy even in small fields.



ROTARY MOWER CONDITIONERS



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DSAE39640 Litho in U.S.A. (07-08)



Field-tested toughness

Built to last

Innovative features, proven design. With a modular rotary cutterbar, a range of conditioning systems, and field-tested features, the new John Deere 600 and 800 Series Rotary Mower-Conditioners (MoCo's) define long-lasting performance.

Unmatched warranty. The low-profile cutterbar is backed by an unmatched three-year warranty, so you get the industry's best warranty on the toughest cutterbar around.

Easy adjustments. Adjust forming shields and swathboard (except on the 625) to crop and field conditions without tools. You'll be able to control windrow formation for maximum drydown.

Increased productivity. With a range of sizes and conditioning systems, the 600 and 800 Series MoCo's have the versatility to fit any crop and field. They're rugged, durable, and tough enough to be John Deere.



The low-profile cutterbar is the key to a clean cut. Adjustable gauge shoes and responsive float give the cutterbar added protection.



John Deere's exclusive Shear hub provides extra protection for the internal gears. It's designed to take the punishment of a powerful impact, protecting internal gears.



No-tool adjustments make it quick and easy to adjust forming shields for crop conditions.



Model	625 Side-pull MoCo	630 Side-pull MoCo	635 Side-pull MoCo	830 Mid-Pivot MoCo	835 Mid-Pivot MoCo
POWER REQUIREMENTS					
PTO speed.....	540 rpm only.....	540 or 1,000 rpm.....	1,000 rpm only.....	540 rpm/1,000 rpm.....	1,000 rpm only.....
540-rpm PTO, 1 3/8" shaft.....	Min. 55 to 75 hp (41 to 56 kW).....	Min. 65 to 81 hp (48 to 60 kW).....	N/A.....	Min. 70 to 81 hp (52 to 60 kW).....	N/A.....
1,000-rpm PTO, 1 3/8" shaft.....	N/A.....	65 to 150 hp (48 to 112 kW).....	Min. 90 to 150 hp (69 to 112 kW).....	70 to 150 hp (52 to 112 kW).....	90 to 150 hp (48 to 112 kW).....
1,000-rpm PTO, 1 3/8" shaft.....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....
Hydraulic pressure required.....	2,000 psi (13,790 kPa).....	2,000 psi (13,790 kPa).....	2,000 psi (13,790 kPa).....	2,000 lb. (13,790 kPa).....	2,000 lb. (13,790 kPa).....
CUTTERBAR					
Type.....	Rotary disk.....	Rotary disk.....	Rotary disk.....	Rotary disk.....	Rotary disk.....
Number of Disks.....	5.....	6.....	7.....	6.....	7.....
Disk speed.....	2,650 rpm.....	2,650 rpm.....	2,650 rpm.....	2,650 rpm.....	2,650 rpm.....
Oil reservoir capacity.....	6 qt. (5.7 L).....	8 qt. (7.6 L).....	9 qt. (8.5 L).....	8 qt. (7.6 L).....	9 qt. (8.5 L).....
Drive.....	Gear.....	Gear.....	Gear.....	Gear.....	Gear.....
Cutterbar angle.....	Adjustable.....	Adjustable.....	Adjustable.....	Adjustable.....	Adjustable.....
Cutting width.....	8 ft. 2 in. (2.5 m).....	9 ft. 9 in. (3.0 m).....	11 ft. 6 in. (3.5 m).....	9 ft. 9 in. (3.0 m).....	11 ft. 6 in. (3.5 m).....
Cutting height.....	1.1 to 3.8 in. (28 to 98 mm) without extensions.....	1.1 to 3.8 in. (28 to 98 mm) without extensions.....	1.1 to 3.72 in. (28 to 94 mm) without extensions.....	0.8 to 3.7 in. (20 to 95 mm) without extensions.....	0.8 to 3.7 in. (20 to 95 mm) without extensions.....
	2.8 to 6.6 in. (71-167 mm) with extensions.....	2.8 to 6.6 in. (71-167 mm) with extensions.....	2.52 to 6.45 in. (64-168 mm) with extensions.....	2.4 to 6.5 in. (60 to 165 mm) with extensions.....	2.4 to 6.5 in. (60 to 165 mm) with extensions.....
CONDITIONER					
IMPELLER:					
Width.....	55.2 in. (140.1 cm).....	73 in. (185.4 cm).....	92.7 in. (235.5 cm).....	73.9 in. (185.4 cm).....	92.7 in. (235.5 cm).....
Diameter.....	23.4 in. (59.4 cm).....	23.4 in. (59.4 cm).....	23.4 in. (59.4 cm).....	23.5 in. (59.7 mm).....	23.4 in. (59.4 mm).....
Number of V-tines.....	33.....	45.....	57.....	45.....	57.....
Number of speeds.....	Two (630 or 870 rpm).....	Two (630 or 870 rpm).....	Two (630 or 870 rpm).....	Two (630 or 870 rpm with 1,000 kit available).....	Two (630 or 870 rpm with 1,000 kit available).....
Drive.....	3-V Powerband belt and sheaves.....	3-V Powerband belt and sheaves.....	3-V Powerband belt and sheaves.....	3-V Powerband belt and sheaves.....	3-V Powerband belt and sheaves.....
Conditioner hood.....	Infinite adjust, single hand crank.....	Infinite adjust, single hand crank.....	Infinite adjust, single hand crank.....	Infinite adjust, single hand crank.....	Infinite adjust, single hand crank.....
ROLLS:					
Width.....	N/A.....	73 in. (185.4 cm).....	92.7 in. (235.5 cm).....	73 in. (185.4 cm).....	92.7 in. (235.5 cm).....
Diameter.....	N/A.....	10 in. (254 mm).....	10 in. (254 mm).....	10 in. (254 mm).....	10 in. (254 mm).....
Material construction.....	N/A.....	Urethane.....	Urethane.....	Urethane.....	Urethane.....
Surface.....	N/A.....	Recessed cleat.....	Recessed cleat.....	Recessed cleat.....	Recessed cleat.....
Speed.....	N/A.....	664 rpm.....	664 rpm.....	664 rpm.....	664 rpm.....
Drive.....	N/A.....	Gear.....	Gear.....	Telescoping shaft.....	Telescoping shaft.....
Windrow shields.....	Adjustable.....	Adjustable.....	Adjustable.....	Adjustable.....	Adjustable.....
Windrow width*.....	31 to 59 in. (800 to 1500 mm).....	35 to 78 in. (900 to 1980 mm).....	39 to 94 in. (1000 to 2380 mm).....	35 to 78 in. (889 to 1981.2 mm).....	39 to 94 in. (990.6 to 2387 mm).....
DIMENSIONS					
Overall width (transport)**.....	8 ft. 2 in. (2.5 m).....	9 ft. 9 in. (3.0 m).....	11 ft. 6 in. (3.5 m).....	9 ft. 9 in. (3.0 m).....	11 ft. 6 in. (3.5 m).....
Overall length (conventional transport)***.....	20 ft. 6 in. (6.25 m) with equal angle tongue.....	20 ft. 6 in. (6.25 m) with equal angle tongue.....	20 ft. 6 in. (6.25 m) with equal angle tongue.....	20 ft. 6 in. (6.25 m) with equal angle tongue.....	20 ft. 6 in. (6.25 m) with equal angle tongue.....
Overall width (with optional trailer).....	N/A.....	N/A.....	N/A.....	22 ft. 6 in. (6.86 m) with swivel tongue.....	22 ft. 6 in. (6.86 m) with swivel tongue.....
Overall length (with optional trailer).....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....
Tires.....	11L-15.....	11L-15.....	11L-15.....	11L-15.....	11L-15.....
	31x13.5L 15 optional.....	31x13.5L 15 optional.....	31x13.5L 15 optional.....	31x13.5L 15 optional.....	31x13.5L 15 optional.....
Shipping weight (urethane rolls).....	N/A.....	4,917 lb. (2,230 kg).....	5,144 lb. (2,333 kg).....	6,082 lb. (2,759 kg) swivel, 5,458 lb. (2,476 kg) equal angle.....	6,309 lb. (2,862 kg) swivel, 5,685 lb. (2,579 kg) equal angle.....
Shipping weight (impeller conditioner).....	4,470 lb. (2,027 kg).....	4,696 lb. (2,130 kg).....	4,923 lb. (2,233 kg).....	5,826 lb. (2,659 kg) swivel, 5,238 lb. (2,376 kg) equal angle.....	6,089 lb. (2,762 kg) swivel, 5,465 lb. (2,479 kg) equal angle.....
Shipping weight (steel rolls).....	N/A.....	N/A.....	N/A.....	N/A.....	N/A.....

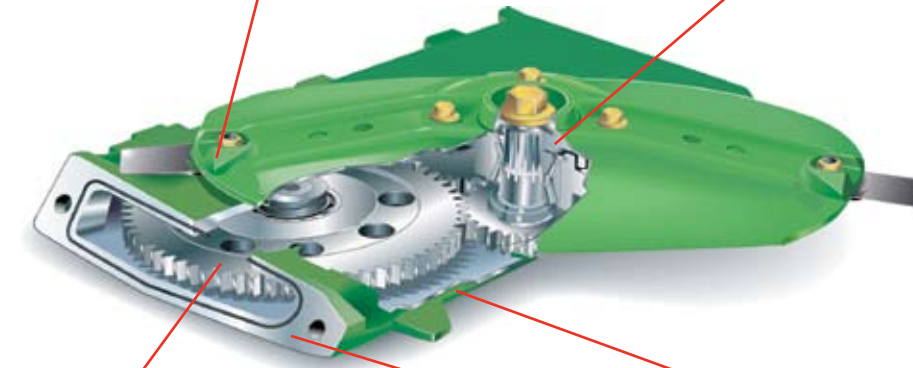
Specifications and design subject to change without notice.

*Depending on crop conditions.

**Measured from center of hitch-pin hole. Tractor with 18.4 x34 tires and 79-inch center-to-center wheel spacing.

***Measured from center of hitch-pin hole.

A smarter way to protect. Replaceable wear caps take the beating so your disks last longer. They're open on the end so debris can't pack in tight around the nut. Hardware and knife changes are easier and faster.



A smarter way to safeguard. The disk on each module is attached to the patented John Deere shearhub. If you hit an obstruction tough enough to stop the disk, splines on the hub will shear, safeguarding the gear drive. Repairs take minutes rather than hours.

Smooth and smart. Each module has two larger idler gears and one drive gear that run in oil. The large oil reservoir allows the disks to run quiet and cool, even with a knife tip speed of 191 miles per hour.

A cut above the rest. The thin, low-profile, modular cutterbar lets you cut low with a flatter cutterbar angle. A flatter angle reduces wear on components and limits the chance of damage in rocky fields. This tough design has been field proven on John Deere self-propelled rotary machines. One more reason you can cut fast in challenging conditions.

Brawn to go with the brains. The patented, diagonal-cut modules are made of nodular iron. Eighty-five percent stronger than gray iron, nodular iron is more impact resistant.

John Deere's unmatched three-year warranty covers the internal drive components and module casting. Shear hubs and wear components, such as the wear caps and knives, are not covered. See your John Deere dealer for additional details.

