



Rotary cutters have to cut stuff.

Granted, this isn't the most startling of revelations. But because you have to cut tough stuff, John Deere builds the industry's most reliable rotary cutters.

The 609, 709, HX, and CX Rotary Cutters feature heavy-duty construction and are designed to last for years under the toughest cutting conditions. Continuous-seam welding gives extra strength and durability. John Deere-built gearboxes deliver more power to the blades.

HX and CX cutters feature Double-Decker™ design that uses two steel plates for a combined total of up to 0.32 inches (8 mm). Twice the thickness and protection of other designs.

The MaxFlow™ cutting chamber has internal frame supports between the decks so nothing disrupts the airflow. The result is a smooth cut with even distribution.

***The ultimate flex-wing cutter.** Built to meet tough customer requirements — including air suspension, double-deck thickness, and tough John Deere gearcase. Feature for feature, the CX15 is built to be the best on the planet.*





Why you need a rotary cutter

- Knocking down stalks is essential in no-till and minimum-till fields.
- Clipping pastures encourages grass growth.
- Cutting grass and stalks helps control insects.
- Routine cutting keeps weeds from reseeding.
- It's the fastest way to cut roadsides, parks, cemeteries, and other municipal grounds.
- Cutting grass waterways encourages root development and helps prevent erosion.
- Shredding stalks speeds decomposition. It cuts large areas quickly.
- Clearing out brush is easy.
- Cutters are essential in orchards, vineyards, and groves to control undergrowth and grass.

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Always operate cutters with appropriate safety shields in place. Some images in this brochure are of test machines that do not have all safety shields in place. For your safety, all John Deere rotary cutters come with front and rear safety chain shields as standard equipment.

Rotary Cutter Application Guide

MODEL	CUTTING WIDTH	MINIMUM PTO HP REQUIRED
609	6 ft. (1.8 m)	40 hp (30 kW)
709	7 ft. (2.1 m)	45 hp (33.5 kW)
HX10 (lift)	10 ft. 6 in. (3.2 m)	80 hp (60 kW)
HX10 (pull)	10 ft. 6 in. (3.2 m)	50 hp (37 kW)
HX14 (lift)	13 ft. 9 in. (4.2 m)	90 hp (67 kW)
HX14 (pull)	13 ft. 9 in. (4.2 m)	60 hp (45 kW)
FLEX-WING		
HX15	15 ft. (4.6 m)	55 hp (41 kW)
HX20	20 ft. (6.1 m)	80 hp (60 kW)
CX15	10 ft. (3.1 m)	55 hp (41 kW)
CX15	15 ft. (4.6 m)	55 hp (41 kW)
CX20	20 ft. (6.1 m)	80 hp (60 kW)

You'd need a chain saw

This may be the only cutter you'll ever need to buy.

Why? Because the 6-foot 609 and 7-foot 709 are built with strength that defines heavy-duty cutters.

Unibody construction and beefy components make these cutters real workhorses. Take one into your toughest brush or stalks. You'll cut it all down to size without injury to your cutter's hitch, gearcase, driveline, or deck.

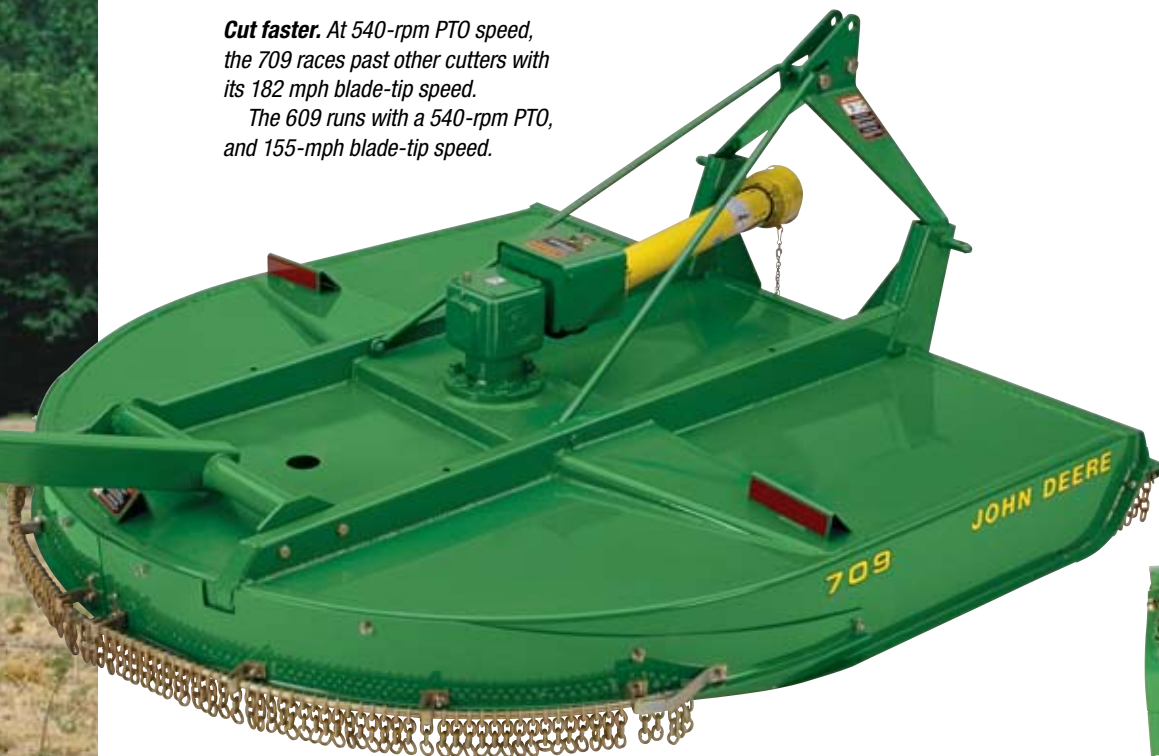
Like all John Deere rotary cutters, the 609 and 709 come with John Deere-built gearcases for added toughness and longer durability. The 609 and 709 are available in lift-type models.

Unibody design for extra strength and greater durability. Continuous-seam welding gives extra strength for greater durability. No bolts, rivets, or skip welds that could break are used.



to cut anything tougher

Cut faster. At 540-rpm PTO speed, the 709 races past other cutters with its 182 mph blade-tip speed. The 609 runs with a 540-rpm PTO, and 155-mph blade-tip speed.



The heavy-duty 609 and 709 helps you blast through the heaviest materials...up to 4 inches in diameter. The 540-rpm-PTO features a 100-horsepower gearcase.

Extra side-skirt thickness provides great strength for the harshest conditions. The skirts are nearly 1/4-inch thick!

Excellent cut performance spreads shredded material across the entire width of the machine. No windrowing, just an even blanket of mulch.

Take down heavy brush. Ten-inch deep cutting chamber for heavy-duty applications.



Tall grass can contain many hidden surprises. Fortunately, you can be prepared.

The HX10 comes standard with stump-jumping bladeholders to protect the cutter from hidden obstacles such as rocks and stumps. And they prevent hidden wire or twine from wrapping around the output shaft.

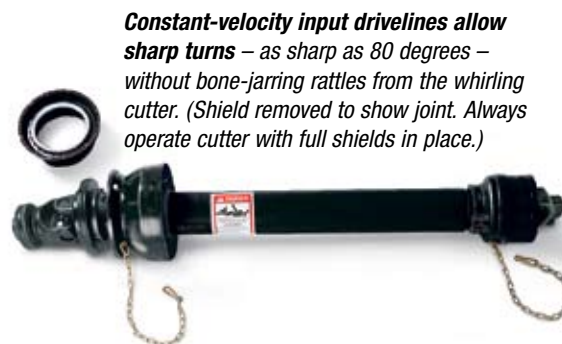
Shock-absorbing cross-shafts on both the HX10 and HX14 provide additional, superior protection.

It's just another example of the superior design of John Deere Double-Decker rotary cutters.

The HX10 works well in any condition, including roadsides. It easily cuts even the thickest grass yet leaves a smooth look.



HX10 and HX14 gearcases mount on heavy-duty bowl supports. These are attached to the top and bottom decks with a single, uniform weld – a strong, long-lasting base of support for the gearcase and bladeholder.



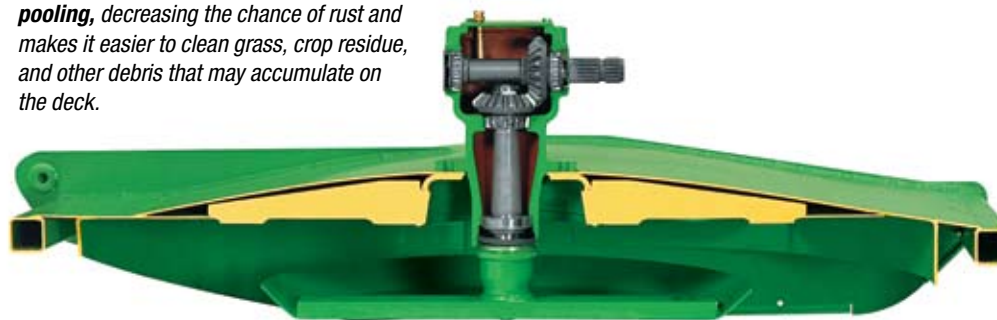
Constant-velocity input drivelines allow sharp turns – as sharp as 80 degrees – without bone-jarring rattles from the whirling cutter. (Shield removed to show joint. Always operate cutter with full shields in place.)





A close-up look at the John Deere Double-Decker design with the MaxFlow Cutting Chamber

The curved top deck prevents water from pooling, decreasing the chance of rust and makes it easier to clean grass, crop residue, and other debris that may accumulate on the deck.



The flat bottom deck is as thick or thicker than the top deck. It absorbs the punishment from rocks and stumps so the top deck stays nice and smooth – no dents, dings, or holes.

Internal supports add even more strength and rigidity. Because they're sandwiched between the decks, the underside of the bottom deck stays smooth. The result is the MaxFlow cutting chamber. And since airflow is never restricted you get better cutting and distribution. (Ribs as shown are used in HX10 and HX14 models.)



If you live in cotton country, you know that shredding stalks is essential to pest management. Shredding speeds decomposition and destroys potential insect habitation. With its heavy-duty construction the HX14 is easily handles the rigors of cotton fields.

Rugged Double-Decker design uses a separate bottom deck to deflect stalks, stones, and other debris. So, the cutter lasts longer and performs better. Standard suction blades draw up and chop downed material.

The HX10 and HX14 can be three-point hitch mounted or pulled behind. Extremity lights add safety for road transportation.

Even tough cotton stalks don't harm the HX14. Double-Decker design, thick side skirts, tough gearcases, and strong frame construction offer years of reliable performance.

Don't try this with an ordinary cutter! To demonstrate the toughness of the Double-Decker design, test operators ran a John Deere 5310 Tractor over this HX14 more than 200 times.

Blast through jobs with these

Don't settle for less. The HX15 shares many patented design features and components with the HX20 Rotary Cutter. The result is two of the biggest, toughest rotary cutters to set foot on your farm.

And with the exclusive MaxFlow cutting chamber, you'll get superior results.

How does the MaxFlow chamber do this? Simple. With the Double-Decker design, frame members are internal.

There are no exposed frame members in the cutting chamber to disrupt airflow or collect trimmings. The result is a very smooth cut with even distribution. For pasture maintenance, this means better regrowth.



The HX20 is an ideal mowing machine. And it can be ordered with a weight box in place of the left wing.



Wings flex from 90 degrees above (transport mode) to 22 degrees below grade. And the wings operate simultaneously for quick transition to and from transport mode with standard hydraulic lift and fold.



Spring-suspended wheel standards smooth out rough terrain. With your choice of cutting height from 1 to 16 inches (2.5 to 40.6 cm) you can operate in conditions ranging from flat fields to terraces. And the centrally located hydraulic lift cylinder provides a level lift fore/aft and side-to-side.



Forged-steel wing hinges are greaseable for long life. A full-length, 1-inch (2.5 cm) diameter shaft serves as the pivot pin. The HX20 folds to less than 12 feet (3.7 m) wide, while the HX15 folds to less than 10 feet (3.1 m) wide for transport.

superpower cutters



With the 20-foot (6.1 m) cutting width of the HX20, you can shred stalks or maintain pastures in just a few passes. The winged design makes it easy to follow ground contours, too.

If you plan on using your shredder more than 300 hours a year, consider the CX20 or CX15 Commercial-Duty Rotary Cutters.

Don't need the wide cut of the HX20? Consider one of the other HX Series cutters from 10- to 15-foot widths.

20-ft. FLEX-WING FIELD SPEED AND PRODUCTIVITY

mph	A./h	km/h	ha/h
4	9.7	6	3.66
5	12.1	8	4.88
6	14.5	10	6.10
7	17.0	12	7.32
8	19.4	14	8.54

Go with a 20-foot (6.1 m) HX20 and knock out more acres a day than you ever imagined.



John Deere-built gearcases are backed by a 3-year warranty. Oil-level dipsticks with pressure checkvalves are found on each gearcase.



The 4-gearcase design delivers reliable power to the blades. These John Deere-built gearcases have heavy-duty tapered roller bearings and large, precision gears for long-lasting performance.



A self-adjusting four-plate slip-clutch helps protect the drivelines. The spring compression system is easily unloaded with six screws. This ensures that clutches are not sticking after extended periods of storage.

The ultimate flex-wing cutters let

Flex your brush-cutting muscles!

The CX15 shares many designs and components with the CX20.

You see, we didn't stretch a 15-foot cutter into a 20-foot cutter. Rather, we designed the 20-foot cutter first, so the 15-foot cutter could be stronger, tougher, and better than anything else... right down to the paint. We built a state-of-the-art system that applies paint so it's harder, more durable, and more able to stop the onset of rust.

And with the exclusive Double-Decker design, these cutters will last longer.



Both the CX20 and CX15 utilize heavy-duty, super-strong John Deere-built gearcases with 1.75-inch (44.45 mm) splined input and output shafts, plus precisely cut teeth provide quiet and strong intermeshing. And the gearcases are backed by a 3-year warranty.

Self-adjusting, no-seize slip-clutches provide protection throughout the drivetrain. And they're very easy to maintain. After the machine has been stored for an extended period, tighten four special bolts, quickly engage and disengage the PTO to slip the clutch, then loosen the bolts. The machine is ready to go!



Deck rings are standard to protect the lower deck from the blades. If a blade hits an obstacle and bounces up, the deck ring prevents it from damaging the deck.



The hydraulically operated parking system with a swing-away parking stand makes raising and lowering easy and safe.



Five-bolt, puncture-proof 21x5.25 laminated tires come standard.

Also available are 26x9x14.5 severe-duty ag tires (shown above) for improved flotation on soft ground and smoother long-distance rides.

Chain shields in the front and rear deflect material that may discharge from the cutting chamber. The front chains are protected behind the front frame. Also available are double-row chains.

The Double-Decker design sheds water and trash with ease. The dome is curved, so water doesn't pool. And because frame members are internal, the topside is smooth to help resist rust.



Exclusive Ground Control Suspension combines air springs with shock absorbers for a smooth ride in rough fields and roadways. The cutter rides as if on a cloud. And less bouncing means it lasts longer despite rough conditions. The wheels can be adjusted to fit most row spacings.

you fly in the battle against brush



The commercial-duty CX20 is the biggest, toughest, strongest rotary cutter on the planet. Not only does it use the patented Double-Decker design and the MaxFlow chamber, but innovations abound, especially in high-abuse areas such as the suspension, wing hinges, and driveline.

With a big 20-foot (6.1 m) cutting width, this winged warrior is truly the weapon of choice in your battle against brush.

For a smaller width of cut, check out the CX15. Both have similar designs and share many components.



A single one-inch (2.54 cm) hinge pin extends the length of the entire wing. And 16 greaseable forged-steel bushings give each wing a continuous hinge for a lifetime of trouble-free use.



Independent hydraulic cylinders provide the lift for each wing. Raise either wing to 90 degrees above grade. Or lower to 22 degrees below grade. You'll cut hillsides and uneven terrain with ease.

Six-lobed star profile driveline provides easy telescoping under load and longer life.



You can order the CX15 cutter with a weight box in place of the left wing.



Unique ball-type self-levelling hitch clevis provides smooth tracking and sure pulling. It also reduces shock loads on the hitch-pin and drawbar so the hitch lasts longer. And the narrow profile, cast hitch (22.5 in./57.1 cm) gives you tight turns to maneuver easily in small areas.

Blades overlap 6 inches (15.24 cm) to cut wheel track material and eliminate skips. Suction blades come standard, dual blades and shredding kit are available for an even finer cut.



John Deere rotary cutters are designed to meet and exceed the toughest expectations out there – those of our customers.

Each cutter is designed with extensive input from people like you – people who use these cutters every day. But we don't stop there.

Remember the kids in grade school who liked to break things? There's a good chance that they're currently employed as rotary cutter test coordinators. They break the cutters apart in factory and real-world tests, so we can build them better – ensuring your satisfaction.



In this demonstration, the three-section, flex-wing design shows how the wings float to follow ground contours. Wings fold up to 90 degrees for transport and storage and flex to allow full cutting action up to a recommended 45 degrees above horizontal and as low as 22 degrees below horizontal.



John Deere rotary cutters are tested in some of the worst cutting conditions around, ensuring that the cutters can handle your tough conditions.



The John Deere Welland Works design and manufacturing facility is the envy of the industry.

For instance, only a handful of agricultural equipment manufacturers are able to utilize **Pro/E computerized design**. This three-dimensional drawing board allows engineers to design cutters with super-tight tolerances.



Computerized lasers are tied into and directed by the Pro/E system to slice through steel with unmatched accuracy – as fine as a human hair. Designers can include very precise tabs, slots, and corners, improving fit and finish, strength and performance.



Welding robots handle the majority of intricate welding jobs. They're programmed to weld to the exact specifications of the Pro/E design. This helps maintain precise tolerances between metal plates, so you get a rock-solid package. From there, a state-of-the-art painting facility coats the cutters with a very hard, very durable finish that's nearly impervious to scratches, dings, and nicks – further protection from rust and corrosion!



The minute a prototype comes off the line, it's hooked up to the factory's bump-test fixture. This structure – the only one of its kind in the world – simulates the jarring and twisting impact a cutter experiences when running over large bumps or rocks. The HX14 Cutter shown here was punished for 13 days, 24-hours-a-day, before it finally cracked – a new factory record. The engineers still improved the unit's axle and drivetrain.

Options



Standard front-safety chain shields (top) protect operators from thrown material, but allow standing material to reach the cutting chamber with minimal restriction. The rear safety-chain shield (bottom) restricts the speed and velocity of the cut material leaving the chamber.



Standard suction blades provide additional lift to help cut down material, heavy material, or material pushed down by tractor wheels.

Dual blades (optional on the HX14, HX15, HX20, and CX20) are available to help thoroughly shred crop residue.



A	15.5x5 laminated (4-bolt)	HX10 (lift-type)
B	21x7x12-16PR severe-duty ag tire (4-bolt)	HX10 (pull-type), HX14, HX15, HX20
C	26x9x14.5-24PR severe-duty ag tire (5-bolt)	CX15, CX20
D	21x5.25x9 laminated (5-bolt)	CX15
E	21x5.25x9 laminated (4-bolt)	HX10 (pull-type), HX14, HX15
F	15.5x3.75 laminated (4-bolt)	609, 709



An optional weight box replaces the left wing on CX15 cutters. It's ideal for roadside mowing.

MODEL	LIFT-TYPE	PULL-TYPE
609	X	
709	X	
HX10	X	X
HX14	X	X
HX15, HX20		X
CX15, CX20		X



The 3-point-hitch attachment on lift-type models offers better maneuverability to mow around obstacles or back into corners. A free-floating top link helps the cutter follow ground contours and cut evenly.



Pull-type models help you fly through fields with long rows and few obstacles. The hitch makes it easy to attach/detach. A parallel-lift linkage (standard) helps keep the cutter level through all heights, without tilting, for a cleaner cut. Adjustable wheel spacing is standard.

609	709	HX10	HX14	HX15	HX20
Cutting width 6 ft. (1.8 m)	Cutting width 7 ft. (2.1 m)	Cutting width 10 ft. 6 in. (3.2 m)	Cutting width 13 ft. 9 in. (4.2 m)	Cutting width 15 ft. (4.6 m)	Cutting width 20 ft. (6.1 m)
Cutting height Lift-type 2 to 9 in. (51 to 229 mm)	Cutting height Integral 2 to 9 in. (51 to 229 mm)	Cutting height 1 to 12 in. (25 to 305 mm)	Cutting height 1 to 12 in. (25 to 305 mm)	Cutting height 1 to 16 in. (25 to 406 mm)	Cutting height 1 to 16 in. (25 to 406 mm)
Overall width 6 ft. 5 in. (2 m)	Overall width 7 ft. 5 in. (2.3 m)	Overall width 11 ft. (3.4 m)	Overall width 14 ft. 3 in. (4.3 m)	Overall width 15 ft. 3 in. (4.7 m)	Overall width 20 ft. 6 in. (6.24 m)
Overall length Lift-type 8 ft. 11 in. (2.72 m)	Overall length Integral 9 ft. 11 in. (3.02 m)	Overall length Lift-type 9 ft. (2.74 m)	Overall length Lift-type 9 ft. 9 in. (2.97 m)	Overall length 16 ft. 2 in. (4.9 m)	Overall length 18 ft. 11 in. (5.76 m)
Body depth 10 in. (254 mm)	Body depth 10 in. (254 mm)	Body depth 10.5 in. (267 mm)	Body depth 10.5 in. (267 mm)	Body depth 10.5 in. (267 mm)	Body depth 10.5 in. (267 mm)
Deck thickness 179 in. (4.5 mm)	Deck thickness 179 in. (4.5 mm)	Deck thickness 0.28 in. (7 mm)	Deck thickness 0.28 in. (7 mm)	Deck thickness 0.256 in. (6.5 mm)	Deck thickness 0.256 in. (6.5 mm)
		Upper deck 138 in. (3.5 mm)	Upper deck 138 in. (3.5 mm)	Upper deck 0.118 in. (3 mm)	Upper deck 0.118 in. (3.0 mm)
		Lower deck 138 in. (3.5 mm)	Lower deck 138 in. (3.5 mm)	Lower deck 138 in. (3.5 mm)	Lower deck 0.138 in. (3.5 mm)
Skirt thickness 236 in. (6 mm)	Skirt thickness 236 in. (6 mm)	Skirt thickness 0.24 in. (6 mm)	Skirt thickness 0.24 in. (6 mm)	Skirt thickness 0.24 in. (6 mm)	Skirt thickness 0.24 in. (6 mm)
Driveline protection 4-plate, factory-preset slip clutch	Driveline protection 4-plate, factory-preset slip clutch	Driveline protection Tractor to center gearcase Self-adjusting clutch Center to outer gearcases Shock-absorbing shafts	Driveline protection Tractor to center gearcase Self-adjusting clutch Center to outer gearcases Shock-absorbing shafts with shearbolts	Driveline Protection No-seize self-adjusting slip clutch Profile Star	Driveline Protection No-seize self-adjusting slip clutch Profile Star
Gearcase power rating 100 hp (75 kW)	Gearcase power rating 540 rpm 100 hp (75 kW)	Gearcase power rating 540 rpm center (continuous) 109 hp (81 kW) 540 rpm center (peak) 138 hp (102 kW) 540 rpm outer (continuous) 84 hp (63 kW) 540 rpm outer (peak) 93 hp (69 kW) 1,000 rpm center (continuous) 113 hp (85 kW) 1,000 rpm center (peak) 199 hp (147 kW) 1,000 rpm outer (continuous) 84 hp (63kW) 1,000 rpm outer (peak) 135 hp (99 kW)	Gearcase power rating 540 rpm center (continuous) 109 hp (81 kW) 540 rpm center (peak) 161 hp (119 kW) 540 rpm outer (continuous) 84 hp (63 kW) 540 rpm outer (peak) 151 hp (111 kW) 1,000 rpm center (continuous) 113 hp (85 kW) 1,000 rpm center (peak) 199 hp (147 kW) 1,000 rpm outer (continuous) 84 hp (63kW) 1,000 rpm outer (peak) 120 hp (88 kW)	Gearcase power rating (1,000 rpm) Transfer continuous 160 hp (119 kW) Transfer peak 210 hp (156 kW) Center continuous 120 hp (89 kW) Center peak 150 hp (111 kW) Outer continuous 120 hp (89 kW) Outer peak 150 hp (111 kW)	Gearcase power rating (1,000 rpm) Transfer continuous 160 hp (119 kW) Transfer peak 210 hp (156 kW) Center continuous 120 hp (89 kW) Center peak 150 hp (111 kW) Outer continuous 120 hp (89 kW) Outer peak 150 hp (111 kW)
Bladeholder Bar	Bladeholder Bar	Bladeholder Round pan (stumpjumper)	Bladeholder Pan or bar type	Bladeholder 31.7 in. (805 mm) bar or 20.9 in. (531 mm) stumpjumper	Bladeholder 44.5 in. (1130 mm) bar or 31.7 in. (805 mm) stumpjumper
Blades (standard) Flat	Blades (standard) Flat	Blades (standard) Suction, 1/2x4 in.	Blades (standard) Suction, 1/2x4 in. Dual, 1/2x4 in. (lower), 1/2x3 in. (upper)	Blades (standard) Suction, 1/2x4 in. Optional Dual, 1/2x4 in. Blade overlap 6 in. (152 mm)	Blades (standard) Suction, 1/2x4 in. Optional Dual, 1/2x4 in. Blade overlap 6 in. (152 mm)
Blade-tip speed 13,623 ft./min. (69.2 m/s)	Blade-tip speed 540 rpm 16,061 ft./min. (81.6 m/s)	Blade-tip speed 540 rpm 16,582 ft./min. (84 m/s) 1,000 rpm 16,849 ft./min. (86 m/s)	Blade-tip speed 540 rpm 15,016 ft./min. (76 m/s) 1,000 rpm 14,896 ft./min. (76 m/s)	Blade-tip speed 540 rpm 15,586 ft./min. (79.2 m/s) 1,000 rpm 15,837 ft./min. (80.5 m/s)	Blade-tip speed 540 rpm 16,087 ft./min. (81.7 m/s) 1,000 rpm 16,346 ft./min. (83.0 m/s)
Brush cutting capacity ... 4 in. (102 mm) diameter	Brush cutting capacity ... 4 in. (102 mm) diameter	Brush cutting capacity 2 in. (50.8 mm)	Brush cutting capacity 2 in. (50.8 mm)	Brush cutting capacity 3 in. (76 mm)	Brush cutting capacity 3 in. (76 mm)
Hitch category Lift-type Cat. 2 or 3N	Hitch category Lift-type Cat. 2 or 3N	Hitch category Lift-type Cat. 2, 3, or 3N Pull-type N/A	Hitch category Lift-type Suction, 1/2x4 in. Pull-type N/A	Hitch Standard self-level hitch clevis with 22.5-in. (572 mm) narrow-profile width	Hitch Standard self-level hitch clevis with 22.5-in. (572 mm) narrow-profile width
Minimum tractor PTO hp 40 hp (30 kW)	Minimum tractor PTO hp 45 hp (34 kW)	Minimum tractor PTO power Lift-type 80 hp (60 kW) Pull-type 50 hp (37 kW)	Minimum tractor PTO power Lift-type 90 hp (67 kW) Pull-type 60 hp (45 kW)	Minimum tractor PTO power 55 hp (41 kW)	Minimum tractor PTO power 80 hp (60 kW)
Tractor PTO 540 rpm	Tractor PTO Lift-type 540 rpm			Wing hydraulics Wing lift Simultaneous, with spring assist unfolding Wing flex 90 degrees up, 22 degrees down	Wing hydraulics Wing lift Simultaneous, with spring-assist unfolding Wing flex 90 degrees up, 22 degrees down
Weight (less attachments) Lift-type 1,131 lb. (513 kg)	Weight (less attachments) Lift-type 1,325 lb. (601 kg)	Weight (less attachments) Lift-type 2,049 lb. (929 kg) Pull-type 2,321 lb. (1053 kg)	Weight (less attachments) Lift-type 3,005 lb. (1363 kg) Pull-type 3,051 lb. (1384 kg)	Wing levelling adjustment Easy-adjust turnbuckle with bearing	Wing levelling adjustment Easy-adjust turnbuckle with bearing
Tires Lift-type (4-bolt, laminated) 15.5x3.75 in. (381x95.26 mm)	Tires Lift-type (4-bolt, laminated) 15.5x3.75 in. (381x95.26 mm)	Tires Lift-type (4-bolt, laminated) 15.5x5 in. (381x127 mm) Pull-type (4-bolt, laminated) 21x5.25x9 in. (533x305x229 mm) (16PR severe-duty ag) 21x7x12 in. (533x178x305 mm)	Tires Lift-type (4-bolt, laminated) 21x5.25x9 in. (533x305x229 mm) (severe-duty ag) 21x7x12 in. (533x305x229 mm) Pull-type (4-bolt, laminated) 21x5.25x9 in. (533x305x229 mm) (severe-duty ag) 21x7x12 in. (533x178x305 mm)	Weight (less attachments) 5,250 lb. (2381 kg)	Weight (less attachments) 6,710 lb. (3044 kg)
				Wheels Row-width adjustable Yes (most spacings)	Wheels Row-width adjustable Yes (most spacings)
				Suspension Spring Non-suspended available	Suspension Spring
				Tires Standard (4-bolt, laminated) 21x5.25x9 in. (533x305x229 mm) Optional (4-bolt, 16PR severe-duty ag) 21x7x12 in. (533x178x305 mm)	Tires Standard (4-bolt, laminated) 21x5.25x9 in. (533x305x229 mm) Optional (4-bolt, 16PR severe-duty ag) 21x7x12 in. (533x178x305 mm)

(Specifications and design subject to change without notice.)

CX15

CX20

Cutting width 15 ft. (4.6 m)
Cutting height 1 to 16 in. (25 to 406 mm)
Overall width 15 ft. 3 in. (4.64 m)
Overall length 16 ft. 2 in. (4.9 m)
Transport width 9 ft. 2 in. (2.79 m) at wing wheels
Deck rings Standard
Body depth 10.5 in. (267 mm)
Deck thickness 0.315 in. (8 mm)
 Upper deck 0.138 in. (3.5 mm)
 Lower deck 0.177 in. (4.5 mm)
Skirt thickness 0.24 in. (6 mm)
Driveline
 Protection No-seize self-adjusting slip clutch
 Profile Star
Number of gearcases 4
Gearcase power rating (1,000 rpm)
 Transfer continuous 160 hp (119 kW)
 Transfer peak 240 hp (178 kW)
 Center continuous 120 hp (89 kW)
 Center peak 160 hp (119 kW)
 Outer continuous 120 hp (89 kW)
 Outer peak 160 hp (119 kW)

Bladeholder 20.9 in. (530 mm) stumpjumper
Blades (standard) Suction, ½x4 in.
 Optional Dual, ½x4 in.
 Blade overlap 6 in. (152 mm)
Blade-tip speed
 540 rpm 15,586 ft./min. (79.2 m/s)
 1,000 rpm 15,537 ft./min. (80.5 m/s)
Brush cutting capacity 4 in. (102 mm)
Hitch Ball-type self-level hitch clevis with
 22.5-in. (572 mm) narrow-profile width

Minimum tractor PTO power 55 hp (41 kW)
Wing hydraulics
 Wing lift Independent, with spring-assist unfolding
 Wing flex 90 degrees up, 22 degrees down
Wing levelling adjustment Easy-adjust turnbuckle
 with bearing
Weight (less attachments) 5,650 lb. (2563 kg)
Wheels
Row-width adjustable Yes (most spacings)
Suspension Air spring with shock absorbers
 on all wheel standards

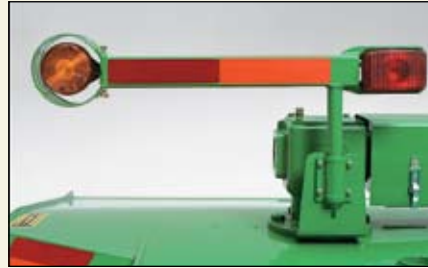
Tires
 Standard (5-bolt, laminated) 21x5.25x9 in.
 (533x305x229 mm)
 Optional (5-bolt, 24PR severe-duty ag) ... 26x9x14.5 in.
 (660x229x368 mm)

Cutting width 20 ft. (6.1 m)
Cutting height 1 to 16 in. (25 to 406 mm)
Overall width 20 ft 6 in. (6.24 m)
Overall length 18 ft 11 in. (5.8 m)
Transport width 11 ft 2 in. (3.40 m) at wing wheels
Deck rings Standard
Body depth 10.5 in. (267 mm)
Deck thickness 0.28 in. (7 mm)
 Upper deck 0.138 in. (3.5 mm)
 Lower deck 0.138 in. (3.5 mm)
Skirt thickness 0.24 in. (6 mm)
Driveline
 Protection No-seize self-adjusting slip clutch
 Profile Star
Number of gearcases 4
Gearcase power rating (1,000 rpm)
 Transfer continuous 160 hp (119 kW)
 Transfer peak 240 hp (178 kW)
 Center continuous 120 hp (89 kW)
 Center peak 160 hp (119 kW)
 Outer continuous 120 hp (89 kW)
 Outer peak 160 hp (119 kW)

Bladeholder 44.5 in. (1130 mm) bar
 or 31.7 in. (805 mm) stumpjumper
Blades (standard) Suction, ½x4 in.
 Optional Dual, ½x4 in.
 Blade overlap 6 in. (152 mm)
Blade-tip speed
 540 rpm 16,087 ft./min. (81.7 m/s)
 1,000 rpm 16,346 ft./min. (83.0 m/s)
Brush cutting capacity 4 in. (102 mm)
Hitch Ball-type self-level hitch clevis with
 22.5-in. (57.2 cm) narrow-profile width

Minimum tractor PTO power 80 hp (60 kW)
Wing hydraulics
 Wing lift Independent, with spring-assist unfolding
 Wing flex 90 degrees up, 22 degrees down
Wing levelling adjustment Easy-adjust turnbuckle
 with bearing
Weight (less attachments) 7,350 lb. (3334 kg)
Wheels
Row-width adjustable Yes (most spacings)
Suspension Air spring with shock absorbers
 on all wheel standards

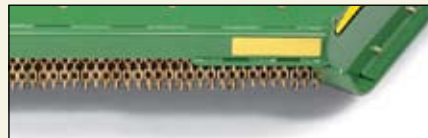
Tires
 Standard (5-bolt, laminated) 21x5.25x9 in.
 (533x305x229 mm)
 Optional (5-bolt, 24PR severe-duty ag) ... 26x9x14.5 in.
 (660x229x368 mm)



Left- and right-side lights (standard on HX14) help illuminate the tractor and cutter during transport. The tractor must be equipped with a 7-pin electrical outlet.



Front and rear reflective decals mark the machine for transport and roadside mowing activity.



Driveshafts are encased in a protective sleeve which is chained in place. Don't leave the tractor before the PTO comes to a complete stop as blades can continue to rotate.



Front and rear safety chain shields are standard equipment on all John Deere CX, HX, and MX Series Rotary Cutters.

Safety is the number one priority at John Deere... and it should be for you too.

Whenever possible, use a cab tractor to operate your cutter. Always shut off the PTO and allow the PTO shaft to a complete stop before leaving the tractor.

Keep all shields and safety equipment in place and in working condition.

Keep onlookers at a safe distance. And operate at a reasonable and controlled speed.







For more safety tips, please visit your local John Deere dealership.



Slow Moving Vehicle (SMV) signs should be used when transporting and mowing along roadsides.

Rotary cutters for every need

JOHN DEERE ROTARY CUTTER GUIDE

MODEL	APPLICATION	WIDTH	TYPE	MINIMUM PTO HP REQUIRED	RECOMMENDATIONS
 RC1048	Standard-duty	4 ft. (1.2 m)	lift	18 hp (13.4 kW)	Standard-duty Frontier RC Cutters are ideal for use for grounds maintenance and small pasture maintenance. Cuts grass, weeds, brush up to 1 inch in diameter.
RC1060	Standard-duty	5 ft. (1.5 m)	lift	20 hp (14.9 kW)	
RC1072	Standard-duty	6 ft. (1.8 m)	lift	25 hp (18.6 kW)	
 MX5	Mid-duty	5 ft. (1.5 m)	lift	25 hp (18.6 kW)	With several cutting widths, MX Series Rotary Cutters feature durable construction that can handle the rigors of tough brush and weeds as well as everyday mowing. Cuts grass, weeds, brush up to 2 inches in diameter.
MX6	Mid-duty	6 ft. (1.8 m)	lift	30 hp (22.4 kW)	
MX7	Mid-duty	7 ft. (2.1 m)	lift	40 hp (29.8 kW)	
MX8	Mid-duty	8 ft. (2.4 m)	pull, semi, or semi offset	40 hp (29.8 kW)	
 MX8	Mid-duty	8 ft. (2.4 m)	lift	50 hp (37.3 kW)	
MX10	Mid-duty	10 ft. 6 in. (3.2 m)	pull, semi, or semi offset	40 hp (29.8 kW)	
MX10	Mid-duty	10 ft. 6 in. (3.2 m)	lift	60 hp (44.7 kW)	
 609	Heavy- or Commercial-duty	6 ft. (1.8 m)	lift	40 hp (29.8 kW)	The economical choice for tough cutting needs. Cuts grass, weeds, stalks, brush up to 4 inches in diameter.
709	Heavy- or Commercial-duty	7 ft. (2.1 m)	lift	45 hp (33.6 kW)	
 HX10	Heavy-duty	10 ft. 6 in. (3.2 m)	pull	50 hp (37.3 kW)	The heavy-duty HX Series offer a wide cutting range (8 ft. to 20 ft.) while featuring the capacity to handle heavy brush or even shred cotton stalks. Cuts grass, weeds, stalks, brush up to 4 inches in diameter.
HX10	Heavy-duty	10 ft. 6 in. (3.2 m)	lift	80 hp (59.7 kW)	
HX14	Heavy-duty	13 ft. 9 in. (4.2 m)	pull	60 hp (44.7 kW)	
HX14	Heavy-duty	13 ft. 9 in. (4.2 m)	lift	90 hp (67.1 kW)	
FLEX-WING					
 HX15	Heavy-duty	15 ft. (4.6 m)	pull	55 hp (41.0 kW)	Cuts grass, weeds, stalks, brush up to 4 inches in diameter.
HX20	Heavy-duty	20 ft. (6.1 m)	pull	80 hp (59.7 kW)	
 CX15	Commercial-duty	10 ft. (3.1 m)	pull	55 hp (41.0 kW)	Designed for roadside mowing applications. Designed for large acreage or commercial applications. Cuts grass, weeds, stalks, brush up to 4 inches in diameter.
CX15	Commercial-duty	15 ft. (4.6 m)	pull	55 hp (41.0 kW)	
CX20	Commercial-duty	20 ft. (6.1 m)	pull	80 hp (59.6 kW)	



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