

# *FLEX WING ROTARY CUTTERS*



JOHN DEERE



*The Clear-Cut Choice*





## ***OUR ALL-NEW FLEX WINGS WILL BLOW YOU OUT OF THE WATER***

At John Deere we hear our customers but, more importantly, we listen to them. And thanks to your feedback, we've launched a brand new line of flex wing rotary cutters that's sure to please.

With seven models to choose from, we've checked the boxes across the board for property owners, agricultural producers, commercial operators and municipal contractors – meaning you'll find the ideal flex wing for your cutting applications.

With newly designed cutting chambers and cutting widths of 10 (3 m), 12 (3.7 m), 15 (4.6 m) and 20 (6.1 m) feet – along with a whole slew of productivity-enhancing improvements such as **increased ground speed**, **reduced maintenance and reliable cut quality** – John Deere's flex wing rotary cutters will make your days in the field even better. That's what we do at John Deere.

Visit your local John Deere dealer today to learn more.

[JohnDeere.com](http://JohnDeere.com) | [JohnDeere.ca](http://JohnDeere.ca)



# E SERIES

## E12, E15 MODELS

A highly-coveted, 12-ft. (3.7 m) cutting width is now available from John Deere with the E12 model, a size that offers exceptional compatibility with smaller tractors. An excellent choice for orchards and small fields, the E-Series features single-dome deck design, a new cutting chamber and rounded edges. The E15 model provides a 15-ft. (4.6 m) cutting width.

### Other key highlights include:

- 540 RPM PTO
- Rigid Tongue
- Clevis Hitch
- 5-Year Gearbox Warranty\*
- Transport Lights
- 11-Gauge Deck Thickness

*See back panel for complete spec information.*



\*Usage limitations may apply. See Warranty for new John Deere Agricultural Products at your local dealer for details. Applies only to new John Deere Rotary Cutters. Excludes Frontier-brand Rotary Cutters.





## M SERIES

M15, M20

In addition to the availability of both 15-ft. (4.6 m) and 20-ft. (6.1 m) cutting widths, the M Series offers optional rear wheel torsional suspension for unmatched stability on uneven terrain. But that's not all as the M Series also boasts of a newly designed cutting chamber along with plenty of choices when it comes to front suspension, gearboxes, drivelines, hitches and tires.

Other features include:

- 540 or 1,000 RPM PTO
- 5-Year Gearbox Warranty\*
- 2 SCV Hydraulic System:  
Independent Cut Height & Wing Control
- Spring Front Mount Suspension (Optional)
- Rear Spring Suspension (Torsional Suspension Optional)
- 10-Gauge Deck Thickness

*See back panel for complete spec information.*





#### **SWIVEL HITCH**

*On 15-ft. (4.6 m) M and R models, you can opt for a swivel hitch – a true difference maker in the field that gives you the upper hand when encountering tough terrain.*

## **R SERIES**

**R10, R15, R20 MODELS**

At the top of the flex wing line is the R Series, which offers many standard features that include rear torsional suspension, advanced cutting chamber and maintenance-free wing hinges. The R Series comes in 10-ft. (3 m), 15-ft. (4.6 m) or 20-ft. (6.1 m) cutting widths and features optional hammer blades.

Well-suited for the rigors of tough farm conditions and grueling roadside work, the R-Series also delivers other key benefits:

- Category 6 Main Driveline
- 5-Year Gearbox Warranty\*
- Spring Front Mount Suspension (Optional)
- Torsional Rear Suspension
- 3 SCV Hydraulic System:  
Independent Cut Height & Left / Right Wing Control
- 7-Gauge Deck Thickness

*See back panel for complete spec information.*



SPECIFICATIONS\*

	E12	E15	M15	M20	R10	R15	R20
CUTTING WIDTH	12 ft (3.7 m)	15 ft (4.6 m)	15 ft (4.6 m)	20 ft (6.1 m)	10 ft (3 m)	15 ft (4.6 m)	20 ft (6.1 m)
CUTTING HEIGHT	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)	1 to 16 in (25 to 406 mm)
OVERALL WIDTH	12.4 ft (3.8 m)	15.4 ft (4.7 m)	15.4 ft (4.7 m)	20.3 ft (6.2 m)	11.5 ft (3.5 m)	15.4 ft (4.7 m)	20.3 ft (6.2 m)
OVERALL LENGTH	15.7 ft (4.8 m)	17.3 ft (5.3 m)	17.3 ft (5.3 m)	17.3 ft (5.3 m)	17.3 ft (5.3 m)	17.3 ft (5.3 m)	17.3 ft (5.3 m)
TRANSPORT WIDTH	7.5 ft (2.3 m)	9.1 ft (2.8 m)	9.1 ft (2.8 m)	11.1 ft (3.4 m)	8.2 ft (2.5 m)	9.1 ft (2.8 m)	11.1 ft (3.4 m)
BODY DEPTH	10 in (276 mm)	10 in (276 mm)	10 in (276 mm)	10 in (276 mm)	10 in (276 mm)	10 in (276 mm)	10 in (276 mm)
DECK THICKNESS	0.12 in (3 mm) Gauge size: 11	0.12 in (3 mm) Gauge size: 11	0.14 in (3.5 mm) Gauge size: 10	0.14 in (3.5 mm) Gauge size: 10	0.17 in (4.5 mm) Gauge size: 7	0.17 in (4.5 mm) Gauge size: 7	0.17 in (4.5 mm) Gauge size: 7
SKIRT THICKNESS	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3	0.23 in (6 mm) Gauge size: 3
DRIVELINE PROTECTION	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star	<b>Protection:</b> no-size, self-adjusting slip clutch <b>Profile:</b> multispline/star
NUMBER OF GEARCASES	4	4	4	4	4	4	4
BLADEHOLDER	Round pan (stump jumper)	Round pan (stump jumper)	Round pan (stump jumper) or blade bar (double blade)	Round pan (stump jumper) or blade bar (double blade)	Round pan (stump jumper)	Round pan (stump jumper)	Round pan (stump jumper)
BLADE (STANDARD)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (13 x 102 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (13 x 102 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Blade bar, dual blades (optional):</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Blade bar, dual blades (optional):</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Overlap:</b> 6 in (152 mm)	<b>Stump-jumper, single-suction blade:</b> 0.5 x 4 in (12.7 x 101.6 mm) <b>Overlap:</b> 6 in (152 mm)
BLADE-TIP SPEED	<b>540 rpm:</b> 17,047 ft/min (86.6 m/s)	<b>540 rpm:</b> 17,281 ft/min (87.8 m/s)	<b>540 rpm:</b> 15,586 ft/min (79.2 m/s) <b>1000 rpm:</b> 15,837 ft/min (80.5 m/s)	<b>540 rpm:</b> 15,346 ft/min (78.0 m/s) <b>1000 rpm:</b> 16,087 ft/min (81.7 m/s)	<b>540 rpm:</b> 15,586 ft/min (79.2 m/s)	<b>540 rpm:</b> 15,586 ft/min (79.2 m/s) <b>1000rpm:</b> 15,837 ft/min (80.5 m/s)	<b>540 rpm:</b> 15,346 ft /min (78.0 m/s) <b>1000rpm:</b> 16,087 ft/min (81.7 m/s)
BRUSH CUTTING CAPACITY	2 in (50 mm)	2 in (50 mm)	3 in (76 mm)	3 in (76 mm)	4 in (102 mm) 5 in (127 mm) with hammer blade	4 in (102 mm) 5 in (127 mm) with hammer blade	4 in (102 mm) 5 in (127 mm) with hammer blade
HITCH CATEGORY	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width <b>Ball-type, self-level hitch (optional)</b> with 22.5 in (572 mm) narrow-profile width and 22° rotation freedom to each side <b>Swivel hitch (optional)</b>	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width <b>Ball-type, self-level hitch (optional)</b> with 22.5 in (572 mm) narrow-profile width and 22° rotation freedom to each side	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width <b>Ball-type, self-level hitch (optional)</b> with 22.5 in (572 mm) narrow-profile width and 22° rotation freedom to each side	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width <b>Ball-type, self-level hitch (optional)</b> with 22.5 in (572 mm) narrow-profile width and 22° rotation freedom to each side <b>Swivel hitch (optional)</b>	<b>Standard self-level clevis hitch</b> with 22.5 in (572 mm) narrow-profile width <b>Ball-type, self-level hitch (optional)</b> with 22.5 in (572 mm) narrow-profile width and 22° rotation freedom to each side
MINIMUM TRACTOR PTO FORCE POWER	40 hp (30 kW)	50 hp (37.5 kW)	55 hp (41 kW)	75 hp (56 kW)	50 hp (37.5 kW)	55 hp (41 kW)	75 hp (56 kW)
WEIGHT (LESS ATTACHMENTS)	3580 lb (1623 kg)	4519 lb (2049 kg)	5035 lb (2283 kg)	6520 lb (2957 kg)	5685 lb (2578 kg)	6258 lb (2838 kg)	7643 lb (3466 kg)
WING HYDRAULICS	<b>Wing lift:</b> simultaneous, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> simultaneous, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> simultaneous, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> simultaneous, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> independent, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> independent, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles	<b>Wing lift:</b> independent, with spring-assist unfolding <b>Wing flex:</b> 90 degrees up for transport, 22 degrees down and 45 degrees up working angles
WHEELS	Non-row width adjustable - no suspension	Non-row width adjustable - no suspension	Row-width adjustable suspension: Spring	Row-width adjustable suspension: Spring	Row-width adjustable suspension: Torsional	Row-width adjustable suspension: Torsional	Row-width adjustable suspension: Torsional
TIRES	(4-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (4-bolt, 16 PR severe-duty agl): 21 x 7 x 12 in (533 x 178 x 305 mm)	(4-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (4-bolt, 16 PR severe-duty agl): 21 x 7 x 12 in (533 x 178 x 305 mm)	(4-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (4-bolt, 16 PR severe-duty agl): 21 x 7 x 12 in (533 x 178 x 305 mm) (4-bolt, 16 PR severe-duty ag foam filled): 21 x 7 x 12 in (533 x 178 x 305 mm)	(4-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (4-bolt, 16 PR severe-duty agl): 21 x 7 x 12 in (533 x 178 x 305 mm) (4-bolt, 16 PR severe-duty ag foam filled): 21 x 7 x 12 in (533 x 178 x 305 mm)	(5-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (5-bolt, 24 PR severe-duty agl): 26 x 9 x 14.5 in (660 x 229 x 368 mm) (5-bolt, 24 PR severe-duty ag foam filled): 26 x 9 x 14.5 in (660 x 229 x 368 mm)	(5-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (5-bolt, 24 PR severe-duty agl): 26 x 9 x 14.5 in (660 x 229 x 368 mm) (5-bolt, 24 PR severe-duty ag foam filled): 26 x 9 x 14.5 in (660 x 229 x 368 mm)	(5-bolt, laminated): 21 x 5.25 x 9 in (533 x 305 x 229 mm) <b>Optional:</b> (5-bolt, 24 PR severe-duty agl): 26 x 9 x 14.5 in (660 x 229 x 368 mm) (5-bolt, 24 PR severe-duty ag foam filled): 26 x 9 x 14.5 in (660 x 229 x 368 mm)
ADDITIONAL BASE FEATURES	—	—	—	—	Maintenance-free bushing on wing hinges Sealed bearings on wheel hubs Deck rings	Maintenance-free bushing on wing hinges Sealed bearings on wheel hubs Deck rings	Maintenance-free bushing on wing hinges Sealed bearings on wheel hubs Deck rings