

Fairway Mowers

Take control



NEW PrecisionCut

The new A-Series gives you what other fairway mowers can't: a consistent, premium cut that's really easy to control.

Perfect every time

As every golfer knows, ability is nothing without consistency. With the new A-model fairway mowers, all operators can achieve a championship finish not once, but every time.

You've got the control

The incredible new TechControl Display takes operator consistency to a whole new level. You can set the exact speeds for mowing, turns and transport and even lock in fuel savings. You can also plug in service reminders and get diagnostic feedback quickly and accurately.

You've got the power

Steep slopes and tricky contours are no match for the new A-models. Highlights include internal wet disc brakes on all models, an upgraded traction drive, an easy hop on/off operator station and a powerful new four-cylinder diesel engine for the 8700A. And most important of all, even better after-cut appearance every time you mow.



7500A PrecisionCut

37.1 HP (27.3 kW) engine
5-QA5 22 in (59.9 cm) cutting units
5 in (12.7 cm) diameter reel
Total cutting width: 100 in (254 cm)
Mowing speed: 0–8 mph (0–12.8 km/h)
New TechControl



7700A PrecisionCut

37.1 HP (27.3 kW) engine
5-QA7 22 in (59.9 cm) cutting units
7 in (17.8 cm) diameter reel
Total cutting width: 100 in (254 cm)
Mowing speed: 0–8 mph (0–12.8 km/h)
New TechControl



8700A PrecisionCut

49.2 HP (36.2 kW) engine
5-QA7 22 in (59.9 cm) cutting units
7 in (17.8 cm) diameter reel
Total cutting width: 100 in (254 cm)
Mowing speed: 0–8 mph (0–12.8 km/h)
New TechControl

NEW E-Cut Hybrid



Fewer hydraulic lines: Better at holding the line

John Deere E-Cut Hybrid technology is an industry-leading technology that's now also available on fairway mowers. It gives you all the confidence of electric reel drive technology and reduces noise levels and fuel bills, too. Since individual reel controllers maintain a consistent reel speed, cut quality stays consistent. Try one on your fairway and we're confident you'll agree: the time to go hybrid is now!

Reassuring

John Deere E-Cut Hybrid fairway mowers give you all the benefits of a PrecisionCut model, plus much more besides. With no hydraulic lines to the cutting units, there is practically no risk of leakage. Cut quality never varies, thanks to individual electric reel controllers that keep reel speeds rock-steady. And because throttle settings stay lower, fuel efficiency stays higher.

Nimble

With an 80" (203 cm) cutting width and just three tyres to make tracks, the 8000A E-Cut Hybrid leaves fairways looking almost as good as a green. The new Final T4 engine is cleaner, yet more powerful – and a perfect match for the eHydro transmission we fit as standard.



7500A E-Cut Hybrid

37.1 HP (27.7 kW) engine
Electric reel drive cutting units powered by a 48 volt alternator
5-QA5 22 in (59.9 cm) cutting units
5 in (12.7 cm) diameter reel
Total cutting width: 100 in (254 cm)
Mowing speed: 0–8 mph (0–12.8 km/h)
New TechControl



8000A E-Cut Hybrid

37.1 HP (27.7 kW) engine
Electric reel drive cutting units powered by a 48 volt alternator
5-QA5 18 in cutting units
5 in (12.7 cm) diameter reel
Total cutting width: 80 in (203 cm)
Mowing speed: 0–6 mph (0–10 km/h)
New TechControl

Fairway Mowers

PrecisionCut/E-Cut Hybrid features

Increased performance

The engines provide clean burning power for the most challenging courses. The 8700A even features a new four-cylinder diesel engine for that extra power requirement.

Precise steering

Double-acting steering cylinder equalises right and left pressure, just like a greens mower, so it's incredibly easy to hold a straight line.

New hydraulic internal wet disc brakes

The hydraulic internal wet disc brakes on our new A models have no brake linkages and need no adjustments, reducing the routine maintenance of the technician.



TechControl

Password-protected TechControl display enables quick setting or changing of mowing speeds, turning speeds and transport speeds which limit variation in performance by different operators. Use the TechControl to slow the machine during turns while mowing and to protect against turf scuffing. Plus, the TechControl has onboard visual diagnostics, enabling quick and easy machine diagnostics, maximising uptime.

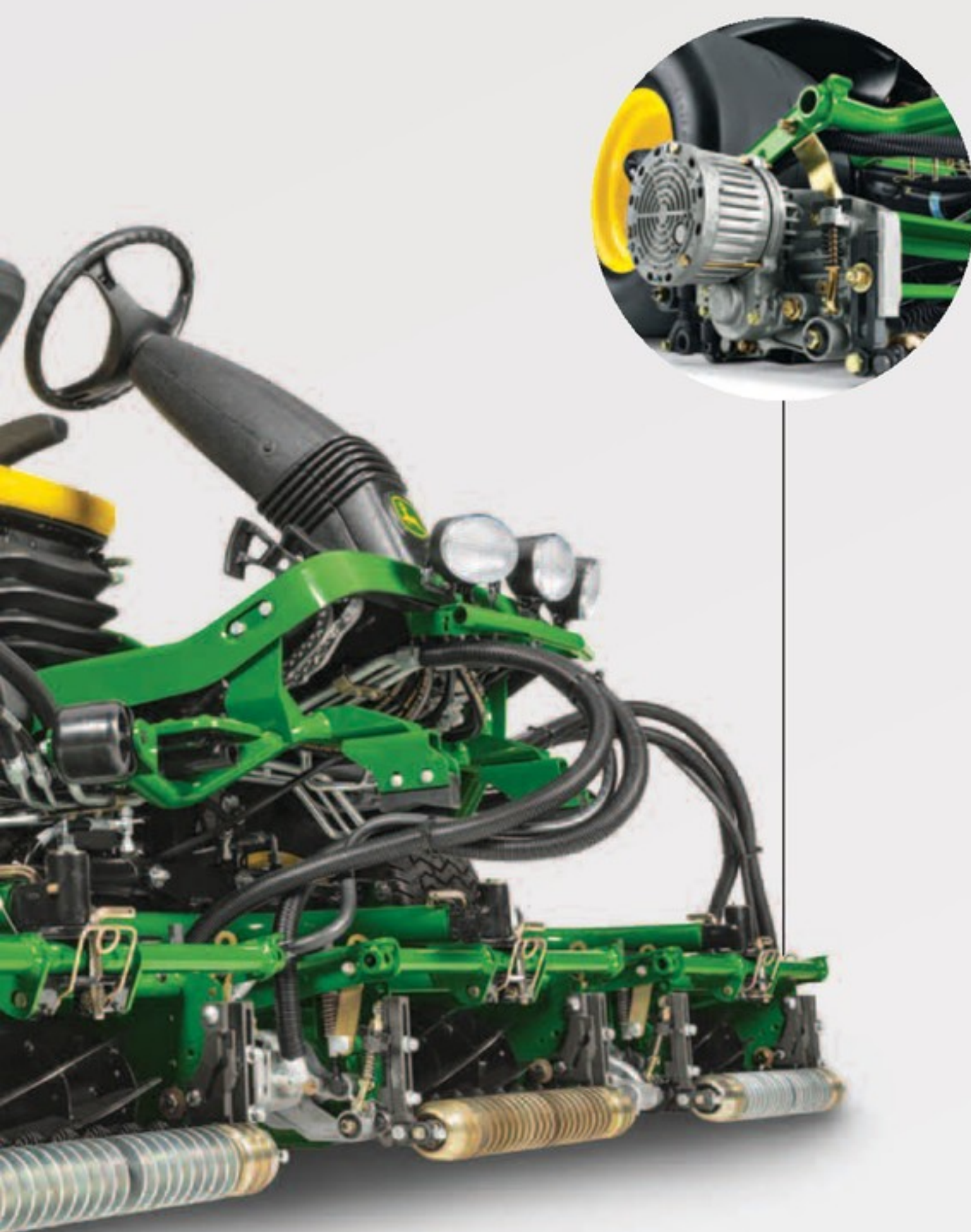


SPEEDLINK SYSTEM



New eHydro system

The new eHydro system increases operator comfort with an easy to use pedal system. The light and responsive control reduces fatigue and together with cruise control and turn speed management, creates an intelligent operating machine.



E-Cut Hybrid technology*

By eliminating the need for hydraulics running to the cutting units, these mowers eliminate all potential leak points in the reel circuit. And since individual electric reel controllers maintain a consistent reel speed, cut quality is always ideal. Engine can be throttled down to save fuel and reduce noise, without affecting the reel speed. A 48 volt, 180 amp alternator powers reel drive motors, requiring no additional batteries on the unit and electric reel motors require no routine maintenance. Plus, the TechControl has onboard visual diagnostics allowing quick and easy machine diagnostics, maximising uptime.

*7500 A E-Cut Hybrid, 8000 A E-Cut Hybrid

Flawless after-cut appearance

Adjustable hydraulic down pressure and rear attaching point of cutting units reduces the possibility of waves in the turf. Front and rear tyre alignment delivers an even appearance across the mowing pass.



Quick, easy and precise

Adjusting the reels on John Deere greens, trim and fairway mowers is quick and easy, thanks to Speed Link. This ingenious system lets you adjust the cutting height to both sides of the cutting unit at once.



New LoadMatch feature

LoadMatch automatically adjusts the speed of the machine to keep power to the cutting units during heavy load conditions, maximising productivity and maintaining cut quality.

PrecisionCut Fairway Mower

7500A



7700A



Engine		
Type	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel
Maximum rated power as per SAE J1995, HP (kW)*	37.1 (27.3) at 2600 rpm, PS	37.1 (27.3) at 2600 rpm, PS
Displacement, cu in (L)	91.6 (1.496)	91.6 (1.496)
Air cleaner	2-stage dry element	2-stage dry element
Fuel	Diesel	Diesel
Cooling system	Liquid centrifugal pump	Liquid centrifugal. pump
Vehicle		
Traction drive	eHydro electronic-controlled hydrostatic pump to wheel motors	eHydro electronic-controlled hydrostatic pump to wheel motors
Reel drive pump	Tandem gear pump	Tandem gear pump
Steering	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder
Front drive tyres	26.5 x 14 – 12 turf	26.5 x 14 – 12 turf
Ground pressure, psi	10	10
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
ROPS	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard
Controls		
Throttle	Hand throttle at operator's right	Hand throttle at operator's right
Forward/reverse	2-pedal	2-pedal
Mower lift	One-touch single handle	One-touch single handle
Parking brake	Electric switch on CommandARM for Internal wet disc brakes	Electric switch on CommandARM for Internal wet disk brakes
Seat	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
PTO	Electric switch on CommandARM	Electric switch on CommandARM
4WD	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.
Tilt steering	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment
TechControl Display	Yes	Yes
Mower		
Electric Drive cutting units	No	No
Number of units	5	5
Size, in (cm)	Quick Adjust QA5 22 (55.9)	Quick Adjust QA7 22 (55.9)
Total cutting width, in (cm)	100 (254)	100 (254)
Cutting height, in (cm)	0.078 to 1.125 (2.0 to 28.5)	0.25 to 2.0 (6.3 to 50.8)
Frequency of clip (FOC)		
11-blade QA5, in/mph (mm/km/h)	0.044 (0.69)	–
7-blade QA5, in/mph (mm/km/h)	0.069 (1.082)	–
11-blade QA7, in/mph (mm/km/h)	–	0.067 (1.06)
7-blade QA7, in/mph (mm/km/h)	–	0.084 (1.33)
Rollers, in (mm)	2 (5.1) front and rear; 3 (7.6) optional	3 (7.6)
Reel diameter (std. cutting unit), in (cm)	5 (12.7)	7 (17.8)
Dimensions		
Height with ROPS, in (cm)	88 (224)	88 (224)
Length with catchers, in (cm)	127 (323)	127 (323)
Transport width, in (cm)	87 (221)	87 (221)
Mowing position width, in (cm)	113 (287)	113 (287)
Ground speed		
Mowing, mph (km/h)	0 to 8.0 (0 to 12.8)	0 to 8.0 (0 to 12.8)
Transport, mph (km/h)	0 to 11.5 (0 to 18.5)	0 to 12.5 (0 to 20.12)
Reverse, mph (km/h)	0 to 5.0 (0 to 6.4)	0 to 5.0 (0 to 6.4)
Certification		
Type	CE and ANSI B71.4-2004 EN ISO 5395	CE and ANSI B71.4-2004 EN ISO 5395

*Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's website for additional information.

8700A**E-Cut Hybrid Fairway Mower****7500A****8000A**

	Direct inject diesel four-cylinder	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel
	49.2 (36.2) at 2600 rpm, PS	37.1 (27.7) at 2600 rpm, PS	37.1 (27.7) at 2600 rpm, PS
	134 (2.189)	91.6 (1.496)	91.6 (1.496)
	2-stage dry element	2-stage dry element	2-stage dry element
	Diesel	Diesel	Diesel
	Liquid centrifugal. pump	Liquid centrifugal. pump	Liquid centrifugal. pump
	eHydro electronic-controlled hydrostatic pump to wheel motors	eHydro electronic-controlled hydrostatic pump to wheel motors	eHydro electronic-controlled hydrostatic pump to wheel motors
	Tandem gear pump	N/A due to electric-driven cutting units	N/A due to electric drive reel circuit
	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder
	26.5 x 14 – 12 turf	26.5 x 14 – 12 turf	24 x 13 x 12 smooth
	10	10	10
	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard
	Hand throttle at operator's right	Hand throttle at operator's right	Hand throttle at operator's right
	2-pedal	2-pedal	2-pedal
	One-touch single handle	One-touch single handle	One-touch single handle
	Electric switch on CommandARM for Internal wet disc brakes	Electric switch on CommandARM for Internal wet disc brakes	Electric switch on CommandARM for Internal wet disc brakes
	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
	Electric switch on CommandARM	Electric switch on CommandARM	Electric switch on CommandARM
	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	GRIP All Wheel Drive Traction System; AWD in mow and transport. Hydraulic flow links wheel motors together for excellent traction.
	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment
	Yes	Yes	Yes
	No	Yes	Yes
	5	5	5
	Quick Adjust QA7 22 (55.9)	Quick Adjust QA5 22 (55.9)	Quick Adjust QA5 18 (45.7)
	100 (254)	100 (254)	80 (203)
	0.25 to 2.0 (6.3 to 50.8)	0.078 to 1.125 (2.0 to 28.5)	0.078 to 1.125 (2 to 28.5) requires option bedknife for lowest HOC and 3 inch roller for highest
	–	0.044 (0.69)	0.044 (0.69)
	–	0.069 (1.082)	0.069 (1.09)
	0.067 (1.06)	–	–
	0.084 (1.33)	–	–
	3 (7.6)	2 (5.1) front and rear; 3 (7.6) optional	2 (51) front and rear; 3 (76) optional
	7 (17.8)	5 (12.7)	5 (12.7)
	88 (224)	88 (224)	87 (221)
	127 (323)	127 (323)	124 (315)
	87 (221)	87 (221)	91 (231)
	113 (287)	113 (287)	93 (236)
	0 to 8.0 (0 to 12.8)	0 to 8.0 (0 to 12.8)	0 – 6 (0 – 10)
	0 to 12.5 (0 to 20.12)	0 to 11.5 (0 to 18.5)	0 – 9 (0 – 14)
	0 to 5.0 (0 to 6.4)	0 to 5.0 (0 to 6.4)	0 – 5 (0 – 6.4)
	CE and ANSI B71.4-2004 EN ISO 5395	CE and ANSI B71.4-2004 EN ISO 5395	CE and ANSI B71.4-2004 EN ISO 5395