

Golf Portfolio



Golf is
more than a game
for John Deere



John Deere Golf has built a tradition of trust and excellence on golf courses all over the world.

We've achieved this by listening to customers like you. And by doing this, we were able to deliver the products you demanded.

Work with John Deere Golf and we promise you three things: the trusted performance of our equipment and support, the fact that our products are more than ready for the future and our never-ending commitment to this great game.

It's for these reasons that we are trusted by the best courses on earth.



OFFICIAL
GOLF COURSE
EQUIPMENT
SUPPLIER



LADIES
EUROPEAN
TOUR

Official Supplier

From Tee to Green

The John Deere golf portfolio

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Outstanding Support

Your one-stop partner from A to Z





Here to help

John Deere dealers are fiercely proud of their outstanding reputation, and rightly so. From pre-sales advice to parts, servicing and repairs, they go the extra mile to deliver the best possible solutions for your needs. Your local John Deere dealer knows all our machines inside out and will be happy to help you make the most of your course – and your budget.

Find your nearest John Deere dealer at: **[JohnDeere.com.au/Dealer](https://www.johndeere.com.au/Dealer)**
or **[JohnDeere.co.nz/Dealer](https://www.johndeere.co.nz/Dealer)**

Product familiarisation

Every machine you buy from your local John Deere dealer arrives all set up and raring to go. We provide hands-on training for general operation and new features, plus practical advice on how to achieve optimal fuel economy and longevity without sacrificing performance.

Spare parts and repairs

Your local John Deere dealer will pull out all the stops to keep downtime to a minimum. With a state-of-the-art workshop and a fully trained technical team on hand, they can fix almost anything quickly and cost-effectively. For smaller repairs you'd rather do yourself, they can supply everything you'll need overnight – even for older models*.

John Deere Parts & Financial Services



Protect your investment

Precision and consistency are the key to success – and the best way to protect your equipment's performance is with genuine John Deere parts and accessories. We offer a wide range of precision parts to maintain – or even improve – the results they deliver all round the course.

Same quality, more choice

John Deere's range of parts and accessories include top-quality John Deere tyres, hardened bedknives and various tyre options. Plus outstanding retrofit components, like our DT Rotary Turf Brush or a high-performance 14-blade reel for a smoother, cleaner cut.

With new options being added all the time, be sure to speak with your dealer on the choices available.

Comprehensive warranty

All John Deere parts and accessories come with peace of mind built in. Our no-nonsense warranty is your guarantee of durable, top-quality that won't let you down.

Instant delivery

We hate downtime as much as you do. So if your local John Deere dealer doesn't have what you need in stock, they will make sure you get it through our industry-leading global parts support system.



Online orders*

Order parts anytime, anywhere from your smartphone or tablet with the mobile version of **JDParts.Deere.com**. Search by model number, part number or keyword to quickly find what you need – then order safely and securely at the touch of a button.

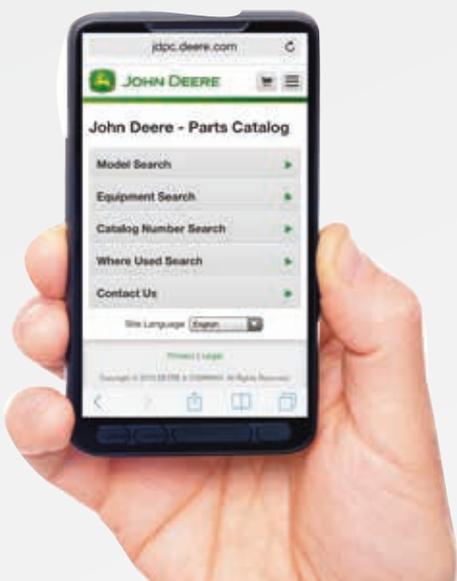
*Check with your local John Deere dealer for availability

Your one-stop solution†

For reliable, transparent financing that's geared to your individual needs, look no further than John Deere Financial. As the only manufacturer with its own financial services department, we can make the numbers work for you by improving your cash flow and optimising your total cost of ownership.

Benefits include flexible leasing deals and payment options, competitive rates and a fast, easy application process that keeps red tape and jargon to a minimum.

† Conditions apply. Finance available through John Deere Financial Limited to approved commercial applicants only.



Outstanding Features



Meet the future

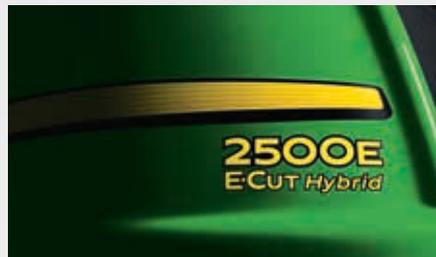
As we drive forward into the future, we all experience change. With change comes new opportunities for which John Deere has always been ready and willing to embrace. Our innovation helps you be quicker, safer, smarter and more cost-effective.

We are proud to lead you into the future.

Hybrid technology

Your fairways and greens are the highlights of your course. So before you invest in hybrid mowers, you naturally want to know they'll be in safe hands.

John Deere E-Cut™ Hybrid mowers have been helping golf courses to raise their game ever since 2005. Building on the experience we've gained all over the world, we now offer the widest range of hybrids in the industry. From fairway mowers to riding and walk greens mowers, we have the proven technology you need to work with complete confidence.



Superior cut quality

The individual electric reel controllers regulate power to the reel motors, maintaining a consistent reel speed across a wide throttle range for a consistent frequency of clip.

Cutting out the worries

E-Cut mowers virtually eliminate the risk of hydraulic oil leaks from the reel circuit. And because the controllers are separate from the motors, you won't have to worry about overheating either.

A quiet revolution

E-Cut mowers can run at reduced throttle, meaning potential savings on fuel costs as well as the benefit of reduced noise levels.

4 YEARS WARRANTY
on Reel Motors and Controllers

^Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.

It's all about time



Cutting units with Speed Link™

Adjusting the reels on John Deere green, trim and fairway mowers is quick, easy and precise thanks to Speed Link. This ingenious system lets you adjust the cutting height to both sides of the cutting unit at once. A linking bar connects both sides of the rear roller to a high-reduction ratio worm gear: all you need to make 1 / 1,000th of an inch adjustments is a cordless drill or a 16 mm spanner.



Rear roller power brush

Stops grass clippings and other debris from accumulating on the rear roller.



Rollers

Choose from a full range of spiral groove, continuous groove or solid options.



Fairway / Greens Tender™ Conditioner

Slices stolons, controls grain and ensures a truer playing surface.



Verticutter*

De-thatches and slices rhizomes and stolons for a more vigorous turf density.

*Not available for E-Cut models

It's all about control



TECH CONTROL

Command screen info

Whatever the competency of individual operators, you decide who controls the machine's ability. That's why this password-protected TechControl display gives you fingertip control over operator mowing speeds, turning speeds, transport speeds and more. Using the onboard visual diagnostic tool, you can see operational alerts or set service timers easily too. It's the next best thing to doing the job yourself!

4 YEARS WARRANTY[^]
on Reel Motors



Efficient engines without compromising on power

With clean-burning, efficient technologies, you'll have all the power and performance you need around the course.



GRIP All-Wheel Drive traction system

For added traction, GRIP All-Wheel Drive traction system instantly transfers hydraulic flow from the wheels that slip to those with grip. And since the flow can cross to an opposite rear wheel, the system maintains its footing not only climbing up hills, but also on side hills, too.

[^]Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.

Walk Greens Mowers

From tee to green, walk with the best



In the end, the true performance of your equipment is measured in the quality of your greens, plain and simple. Everybody from the crew to the player will take notice – and they'll all have their opinion.

Which is why we make sure our walk greens mowers come through with a gentle, precise cut everyone can appreciate. And with a level of efficiency you will see on the bottom line.

With our walk greens mowers, from the 220E E-Cut™ and 180E E-Cut, to our SL PrecisionCut™ line, you get a machine that will make your job easier – and your greens more impressive.

180SL / 220SL / 260SL

 2.6 kW (3.5 hp*) engine
 45.7 cm (18 in.), 55.8 cm (22 in.) or 66 cm (26 in.) cutting widths
 Standard reels, 11 blades, 12.7 cm (5 in.)
 Adjustable frequency of clip

180E / 220E

 2.6 kW (3.5 hp*) engine
 Electric motor drive reel cutting unit
 45.7 cm (18 in.) or 55.8 cm (22 in.) cutting widths
 Standard reels, 11 blades, 12.7 cm (5 in.)
 Adjustable frequency of clip



Speed Link™

Reel adjustments are fast and simple, thanks to Speed Link. See page 12 for details.



Superior grass collection

The SL models offer a large, direct-mounted grass catcher which is designed for optimal airflow to keep the grass in the catcher.



Simple operator control

Controls move forward to allow for easy and efficient operation and an integrated operator presence bail allows the machine to automatically stop the reel disengaging when the bail is released. Loop-style handlebar enhances operator comfort.



14-blade reel (optional)

Lowers the frequency of clip by reducing the distance travelled between consecutive cuts of reel blades.

SL PrecisionCut™

A step in the right direction. Make that three steps.

All three SL PrecisionCut walk greens mowers feature a dual chain drive and forward-mounted pivot point to minimise operator's influence on front roller pressure for the most consistent cut possible – plus Speed Link™, the fast and easy system for setting the cutting height (*see page 12 for details*).

Adjustments are easier all-round. The built-in bracket makes it easier to fit and adjust Greens Tender™ Conditioners and rotary brushes. And to switch rollers to react to any kind of greens conditions quickly, you simply undo two bolts.



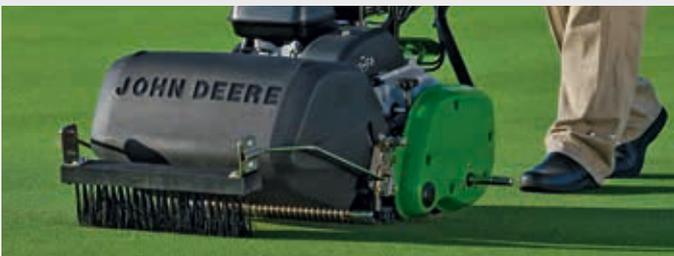
Greens Tender Conditioner (GTC) and rotary turf brush options

These optional parts deliver the ultimate in cut quality and are easy to fit and adjust. They rotate counter to the reel and stand grass up prior to cutting. The result? A visible improvement in runner control, striping and grain.



DT rotary turf brush (optional)

Ensures more consistent turf engagement and enables the brush to more effectively stand up more grass.



Out front push brushes

This push brush delivers maximum ground following and a stronger stripe. It has more bristles than competitor products, so it's even better at standing grass up prior to cutting. You can set the brush angle easily to adjust its aggressiveness.



The 22B utility trailer

For easy transporting of walk greens mowers, this trailer features a multi-angle ramp making loading and unloading simple when combined with a bedliner and transport bars to protect the machines.

E-Cut™ Hybrids

Get closer with the best mowers for undulating greens ever. Now available in both 45.7 cm (18 in.) and 55.8 cm (22 in.) cutting widths for the 180E and 220E E-Cut respectively, these walk greens mowers give you an unparalleled ability to follow contours and undulations as well as steer around the clean-up pass, together with the benefit of electric motor drive reels.



Signature ball joint

Thanks to the signature ball joint mounting system, the cutting unit can rotate in any direction – fore/aft, laterally side-to-side and six degrees of steering right and left. The electric reel drive eliminates the need for hard linkages to the reel drive system in order to power the reels, allowing maximum movement. Together, the ball joint design and electric reel drive system enable best-in-class contour following.



Consistent frequency of clip

Electric reel drive means you always work at an ideal 2,200 rpm, even on gradients or when the engine load changes. And when you need to backlap, just press a button to reverse the reel direction – no need to remove a reel or fit a separate motor.

**4 YEARS
WARRANTY[^]**
on Reel Motors



Adjustable contouring

The limit chains on the 180E E-Cut can be adjusted for a range of motion that can match the contours of any green.



Adjustable frequency of clip with lockout

Frequency of clip can be adjusted with a simple dial, then mechanically locked to prevent further changes.

[^]Term limited to years or hours used, whichever comes first, and varies by model.
See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.

PrecisionCut™ Walk Greens Mowers

180SL



220SL



Engine		
Type	Honda air-cooled, 4-cycle	Honda air-cooled, 4-cycle
Maximum rated power per SAE J1349, kW (hp)	2.6 (3.5*) at 3,600 rpm	2.6 (3.5*) at 3,600 rpm
Direction of rotation of output shaft	Counterclockwise viewed from shaft side	Counterclockwise viewed from shaft side
Inclination limit	Tilted up to 20 degrees in any direction	Tilted up to 20 degrees in any direction
Idle speed at output shaft, rpm	1,400 (± 150)	1,400 (± 150)
Maximum speed at output shaft, rpm	2,950 (± 150)	2,950 (± 150)
Fuel tank capacity, L	2.5	2.5
Oil capacity, L	0.57	0.57
Differential drive capacity, L	0.35	0.35
Cutting equipment		
Cutting width, cm (in.)	45.7 (18)	45.7 (18)
Cutting height with 3.0 mm bedknife, mm (in.)	Min. 3.0 (0.118) – Max. 22 (0.866)	Min. 3.0 (0.118) – Max. 22 (0.866)
Cutting height with 2.5 mm bedknife, mm (in.)	Min. 2.5 (0.098) – Max. 22 (0.866)	Min. 2.5 (0.098) – Max. 22 (0.866)
Cutting height with 2.0 mm bedknife, mm (in.)	Min. 2.0 (0.078) – Max. 22 (0.866)	Min. 2.0 (0.078) – Max. 22 (0.866)
Cutting height with tee bedknife, mm (in.)	NA	NA
Frequency of clip standard, mm (in.)	11 blade is 4.62 (0.182) with optional 'speed-up' kit for 3.94 (0.155); 14 blade is 3.58 (0.141)	11 blade is 4.62 (0.182) with optional 'speed-up' kit for 3.94 (0.155); 14 blade is 3.58 (0.141)
Reel		
Diameter, mm (in.)	127 (5)	127 (5)
Number of blades	11 or 14 blade	11 or 14 blade
Material	Heat-treated chromium molybdenum steel	Heat-treated chromium molybdenum steel
Bedknife – standard, mm (in.)	2.5 (0.098) thick x 457 (18) long	2.5 (0.098) thick x 457 (18) long
Rotary brush and Greens Tender™ Conditioner (optional)		
Brush, mm (in.)	Interlocked with reel, rotation in reverse direction; 60 (2.36) diameter nylon	Interlocked with reel, rotation in reverse direction; 60 (2.36) diameter nylon
GTC vertical cutter blades, mm (in.)	Specially hardened carbon tool steel; star-shaped; 60 (2.36) diameter, 60 blades	Specially hardened carbon tool steel; star-shaped; 60 (2.36) diameter, 60 blades
Adjustable brush or cutter height, mm (in.)	Brush even with the cutting height; GTC 0.8 (0.031) below the cutting height maximum	Brush even with the cutting height; GTC 0.8 (0.031) below the cutting height maximum
Gear drive	Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter	Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
Grass catcher		
Size, kg (lb.)	2.7 (6)	2.7 (6)
Type	Polyethylene	Polyethylene
Clutches		
Transport	Belt tension	Belt tension
Reel jaw-type clutch	On/off	On/off
Brush/GTC jaw-type clutch	On/off	On/off
Traction drum	Dual, aluminium	Dual, aluminium
Travelling device		
Forward speed, km/h	8.4 with transport wheels at 3,500 engine rpm	8.4 with transport wheels at 3,500 engine rpm
Roller (rear), mm (in.)	Aluminium, 190 (7.5) diameter	Aluminium, 190 (7.5) diameter
Roller (front) (grooved or smooth), mm (in.)	Machined steel, 50 (2) diameter (for cutting height adjustment)	Machined steel, 50 (2) diameter (for cutting height adjustment)
Dimensions		
Length (tyres installed), cm (in.)	94 (37)	94 (37)
Width (tyres installed), cm (in.)	84.5 (33.3)	84.5 (33.3)
Height (tyres installed), cm (in.)	119 (46.8)	119 (46.8)
Weight (less GTCs, gear drive and transport wheel, with catcher), kg (lb.)	92.7 (204)	92.7 (204)
Sound levels		
Operator ear	82 dBA	82 dBA
Measuring standard	ISO 11201	ISO 11201
Attachments installed	GTCs, reels engaged	GTCs, reels engaged
Certification		
Type	ANSI B71.4-2004	ANSI B71.4-2004

260SL



Honda air-cooled, 4-cycle
2.6 (3.5") at 3,600 rpm
Counterclockwise viewed from shaft side
Tilted up to 20 degrees in any direction
1,400 (± 150)
2,950 (± 150)
2.5
0.57
0.35
66 (26)
Min. 3.0 (0.118) – Max. 22 (0.866)
Min. 2.5 (0.098) – Max. 22 (0.866)
NA
3/16 (4.8)
7 blade is 7.26 (0.286); 11 blade is 4.62 (0.182)
127 (5)
7 or 11 blade
Heat-treated chromium molybdenum steel
3 (0.118) thick x 660 (26) long
Interlocked with reel, rotation in reverse direction; 60 (2.36) diameter nylon
Specially hardened carbon tool steel; star-shaped; 60 (2.36) diameter, 88 blades
Brush even with the cutting height; GTC 0.8 (0.031) below the cutting height maximum
Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
3.7 (8.2)
Polyethylene
Belt tension
On/off
On/off
Dual, aluminium
8.4 with transport wheels at 3,500 engine rpm
Aluminium, 190 (7.5) diameter
Machined steel, 50 (2) diameter (for cutting height adjustment)
94 (37)
105 (41.3)
119 (46.8)
107.7 (237)
84 dBA
ISO 11201
GTCs, reels engaged
ANSI B71.4-2004

E-Cut™ Hybrid Walk Greens Mowers

180E



Honda air-cooled, 4-cycle
2.6 (3.5") at 3,600 rpm
Counterclockwise viewed from shaft side
Tilted up to 20 degrees in any direction
1,400 (± 150)
2,950 (± 150)
2.5
0.57
0.35
45.7 (18)
Min. 3.0 (0.118) – Max. 22 (0.866)
Min. 2.5 (0.098) – Max. 22 (0.866)
Min. 2.0 (0.078) – Max. 22 (0.866)
NA
Variable with five settings. 11 blade is 4.1 (0.162), 4.6 (0.180), 5.6 (0.220), 9.7 (0.380), 12.2 (0.480); 14 blade is 3.2 (0.120), 3.6 (0.140), 4.4 (0.180), 7.6 (0.300), 9.6 (0.380)
127 (5)
11 or 14 blade
Heat-treated chromium molybdenum steel
2.5 (0.098) thick x 457 (18) long
Interlocked with reel, rotation in reverse direction; 60 (2.36) diameter nylon
Specially hardened carbon tool steel; star-shaped; 60 (2.36) diameter, 60 blades
Brush even with the cutting height; GTC 0.8 (0.031) below the cutting height maximum
Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
2.7 (6)
Polyethylene
Belt tension
On/off
On/off
Dual, aluminium
8.4 with transport wheels at 3,500 engine rpm
Aluminium, 190 (7.5) diameter
Machined steel, 50 (2) diameter (for cutting height adjustment)
99 (39)
94.6 (37.25)
119 (46.8)
114.31 (252)
79 dBA
ISO 11201
GTCs, reels engaged
ANSI B71.4-2004

220E



Honda air-cooled, 4-cycle
2.6 (3.5") at 3,600 rpm
Counterclockwise viewed from shaft side
Tilted up to 20 degrees in any direction
1,400 (± 150)
2,950 (± 150)
2.5
0.57
0.35
55.9 (22)
Min. 3.0 (0.118) – Max. 22 (0.866)
Min. 2.5 (0.098) – Max. 22 (0.866)
Min. 2.0 (0.078) – Max. 22 (0.866)
NA
Variable with five settings. 11 blade is 4.1 (0.162), 4.6 (0.180), 5.6 (0.220), 9.7 (0.380), 12.2 (0.480); 14 blade is 3.2 (0.120), 3.6 (0.140), 4.4 (0.180), 7.6 (0.300), 9.6 (0.380)
127 (5)
11 or 14 blade
Heat-treated chromium molybdenum steel
3 (0.118) thick x 559 (22) long
Interlocked with reel, rotation in reverse direction; 60 (2.36) diameter nylon
Specially hardened carbon tool steel; star-shaped; 60 (2.36) diameter, 75 blades
Brush even with the cutting height; GTC 0.8 (0.031) below the cutting height maximum
Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
3.2 (7)
Polyethylene
Belt tension
On/off
On/off
Dual, aluminium
8.4 with transport wheels at 3,500 engine rpm
Aluminium, 190 (7.5) diameter
Machined steel, 50 (2) diameter (for cutting height adjustment)
99 (39)
94.6 (37.25)
119 (46.8)
121 (267)
79 dBA
ISO 11201
GTCs, reels engaged
ANSI B71.4-2004

Riding Greens Mowers

Light on the green, precise on the cut



PrecisionCut™ / E-Cut™ Hybrid

Rugged tubular steel frames, low-profile tyres, wide footprint...no wonder our riding greens mowers have the lowest ground pressure in the industry. The offset cutting units make it easy to minimise “triplex rings” by alternating the direction of your clean-up cut. And with great operator stations and superb service access, these machines are easy on operators and technicians, too.

Three perfect cuts: grass, fuel and noise

With no hydraulic lines to the reels, the 2500E E-Cut Hybrid virtually eliminates the risk of hydraulic leaks. Since the machine runs at a lower throttle than a non-hybrid, it also cuts fuel bills and noise levels – without compromising on cut quality. The alternator keeps the reels at a rock-steady 2,200 rpm and unlike a battery, its output never falters or fails. That means you get the same superb quality of cut all day long.

2500B PrecisionCut

	14.6 kW (19.6 hp) diesel 15.7 kW (21 hp*) petrol
	157.5 cm (62 in.) cutting width
	3-QA5 55.8 cm (22 in.) cutting units
	Bedknife-to-reel adjustment
	2-pedal hydrostatic transmission

2500E E-Cut Hybrid

	14.6 kW (19.6 hp) diesel 15.7 kW (21 hp*) petrol
	Electric reel motors
	157.5 cm (62 in.) cutting width
	3-QA5 55.8 cm (22 in.) cutting units
	Bedknife-to-reel adjustment
	2-pedal hydrostatic transmission



Reduce double rolling

The tyres are located well inside the cutting units to reduce or eliminate double rolling during straight-line passes.

Riding Greens Mowers

Features



The choice is yours

Our 2500 Series Riding Greens Mowers come in two versions: the 2500B PrecisionCut™ and the 2500E with industry-leading E-Cut™ Hybrid technology. Both share many of the same great features. The 2500E gives you the added benefit of alternator-powered reels too. For rock-steady reel speeds and quieter, more fuel-efficient operation – and almost no risk of hydraulic leaks.

4 YEARS WARRANTY[^]
on Hybrid Reel Motors & Controllers



Superb contour following

The exclusive ball joint suspension system provides exceptional contour following steering with up to 18 degrees of side-to-side motion and adjustable fore/aft motion.



Rear roller power brush (optional)

Prevents accumulation of grass clippings and other debris on the rear roller, maintaining a consistently effective cutting height.



Grass catcher (options)

Depending on your course, use either a catcher that mounts directly or one that transfers weight away from the cutting unit.

[^]Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.



Tender loving care for your greens

Our durable, gear-driven Greens Tender™ Conditioner slices stolons and controls grain for a truer playing surface and an improved cutting height consistency. Our counterweighted verticutter de-thatches, slices rhizomes and stolons and promotes a more vigorous turf density.*

*2500B PrecisionCut



Rollers

Available in 50.8 mm (2 in.) and 76.2 mm (3 in.) smooth, machine grooved with solid end caps or machine spiral rollers.

Exclusive offset design

The offset cutting units greatly reduce “triplex ring” with a simple change in direction.

PrecisionCut™ Riding Greens Mower

2500B



E-Cut™ Hybrid Riding Greens Mower

2500E



Engine		
Type	2-cylinder liquid-cooled petrol Yanmar 3-cylinder liquid-cooled diesel (TNV70-XJGM)	2-cylinder liquid-cooled petrol Yanmar 3-cylinder liquid-cooled diesel (TNV70-XJGM)
Maximum rated power per SAE J1995, kW (hp)	15.7 (21*) at 3,600 rpm (petrol), 14.6 (19.6) at 3,000 rpm, PS (diesel)	15.7 (21*) at 3,600 rpm (petrol), 14.6 (19.6) at 3,000 rpm, PS (diesel)
Displacement, cc	617 (petrol), 784 (diesel)	617 (petrol), 784 (diesel)
Air cleaner	Semi-cyclone, dry type, dual stage	Semi-cyclone, dry type, dual stage
Oil filter	Full-flow filter	Full-flow filter
Engine oil capacity, L	1.7 (petrol), 2.6 w/filter (diesel)	1.7 (petrol), 2.6 w/filter (diesel)
Fuel tank capacity, L	29.9 in a single tank (petrol & diesel)	29.9 in a single tank (petrol & diesel)
Pressurised lubrication system	Standard	Standard
Charging system	Flywheel, alternator	Flywheel, alternator
Alternator capacity, amp	16 (petrol), 20 (diesel)	16 (petrol), 20 (diesel)
Ignition starter	Electric (solenoid shift)	Electric (solenoid shift)
Ignition battery type	12 volt, BCI group 40 maintenance-free	12 volt, BCI group 40 maintenance-free
Machine specification		
Tyres front/rear	18 x 10.5–10, 2-ply, smooth (low compaction); 20 x 10–10, 2-ply, smooth; or 20 x 10–10, 2-ply, turf	18 x 10.5–10, 2-ply, smooth (low compaction); 20 x 10–10, 2-ply, smooth; or 20 x 10–10, 2-ply, turf
Braking system	Single pedal, 2-wheel disc brakes	Single pedal, 2-wheel disc brakes
Brake type, cm (in.)	Dual, 15.2 (6)	Dual, 15.2 (6)
Mowing speed, km/h	0–6.4, adjustable mow stop	0–6.4, adjustable mow stop
Transport speed, km/h	0–13.7	0–13.7
Reverse speed, km/h	0–4.8	0–4.8
Ground clearance with catcher, cm (in.)	10.2 (4)	10.2 (4)
Muffler	Horizontal discharge below frame	Horizontal discharge below frame
Hydrostatic drive system capacity, L	28.8	28.8
Hydraulic reservoir capacity (only), L	20.4	20.4
Drive wheels	Front	Front
Traction drive	Hydrostatic, 2-pedal control	Hydrostatic, 2-pedal control
Reel drive	Hydraulic	Electric
Pump/Alternator	3-section gear	2-section gear
Reel control valves	Electro-hydraulic, one valve reel on-off and one valve raise-lower	Electro-hydraulic, one valve reel on-off and one valve raise-lower
Filtration	10-micron	10-micron
Operator controls		
Steering	Hydrostatic, adjustable steering column	Hydrostatic, adjustable steering column
Reel drive and reel lift	Right-hand operated (optional foot-lift controls)	Right-hand operated (optional foot-lift controls)
Throttle	Right hand	Right hand
Park brake	Right foot	Right foot
Forward hydro speed control	Right foot	Right foot
Reverse hydro speed control	Right foot	Right foot
Ignition	Key switch, automatic glow plug	Key switch, automatic glow plug
Engine oil pressure	LED warning light	LED warning light
Alternator	LED warning light	LED warning light
Hydraulic oil temperature	LED warning light	LED warning light
Engine coolant temperature	LED warning light	LED warning light
Hour meter	Digital	Digital
Diagnostics	Standard	Standard
Safety interlocks	Standard	Standard

PrecisionCut Riding Greens Mower

2500B



E-Cut Hybrid Riding Greens Mower

2500E



Weights and dimensions		
Wheelbase, cm (in.)	129.5 (51)	129.5 (51)
Tread width, cm (in.)	101.5 (40)	101.5 (40)
Mowing position width, cm (in.)	157.5 (62)	157.5 (62)
Turning radius, uncut circle, cm (in.)	45.7 (18)	45.7 (18)
Weight (full fluids, no operator or fuel), kg (lb.)	559.2 (1,233) (petrol), 637.3 (1,405) (diesel)	581 (1,281) (petrol), 637.3 (1,405) (diesel)
Height, cm (in.)	195.6 (77) with ROPS	195.6 (77) with ROPS
Mowing		
Number of units	3 (Patented offset design)	3 (Patented offset design)
Size, cm (in.)	Quick Adjust QA5 55.8 (22) floating	Quick Adjust QA5 55.8 (22) floating
Backlapping	Standard onboard micro-backlapping and reel speed control	Standard onboard micro-backlapping and reel speed control
Clip frequency, mm per km/h	0.69 with 11-blade reel or 1.08 with 7-blade reel	0.69 with 11-blade reel or 1.08 with 7-blade reel
Front rollers, cm (in.)	Optional 5.1 (2) smooth, grooved or spiral	Optional 5.1 (2) smooth, grooved or spiral
Reel diameter, cm (in.)	12.7 (5)	12.7 (5)
Bedknife adjustment	Bedknife-to-reel	Bedknife-to-reel
Cutting height, mm (in.)	2.0 to 19.0 (5/64 to 3/4) with 5.1 (2) front roller; OR 16 to 32 (5/8 to 1.25) with 7.6 (3) front roller	2.0 to 19.0 (5/64 to 3/4) with 5.1 (2) front roller; OR 16 to 32 (5/8 to 1.25) with 7.6 (3) front roller
Number of blades	7, 11 or 14	7, 11 or 14
Mower lift	(1) Cylinder for front two units; (1) cylinder for rear unit	(1) Hydraulic cylinder for front two units, (1) hydraulic cylinder for centre unit
Reel speed	Adjustable	Adjustable
Sound levels		
At 3,175 engine rpm with GTCs and power brushes, reels engaged	81 dBA	–
At reduced 2,250 engine rpm with GTC and power brush attachments	–	78 dBA
Measuring standard	ISO 11201	ISO 11201
Certification		
Type	ANSI B71.4-2004	ANSI B71.4-2004
ROPS	2-post SAE J21294 Roll Over Protection Structure with seat belts meets ISO 21299 Standard	2-post SAE J21294 Roll Over Protection Structure with seat belts meets ISO 21299 Standard



Fairway Mowers

Take control



PrecisionCut™

The 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 A-model fairway mowers, all operators can achieve a championship finish not once, but every time.

You've got the control

The incredible 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 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 four-cylinder diesel for the 8700A. And most important of all, even better after-cut appearance every time you mow.



7500A PrecisionCut

 27.7 kW (37.1 hp) engine
 5-QA5 55.9 cm (22 in.) cutting units
 12.7 cm (5 in.) diameter reel
 Total cutting width: 254 cm (100 in.)
 Mowing speed: 0–12.8 km/h
 TechControl



7700A PrecisionCut

 27.7 kW (37.1 hp) engine
 5-QA7 55.9 cm (22 in.) cutting units
 17.8 cm (7 in.) diameter reel
 Total cutting width: 254 cm (100 in.)
 Mowing speed: 0–12.8 km/h
 TechControl



8700A PrecisionCut

 36 kW (48.3 hp) engine
 5-QA7 55.9 cm (22 in.) cutting units
 17.8 cm (7 in.) diameter reel
 Total cutting width: 254 cm (100 in.)
 Mowing speed: 0–12.8 km/h
 TechControl

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. With no hydraulic lines to the cutting units, there is practically no risk of leakage. Cut quality doesn't vary, thanks to individual electric reel controllers that keep reel speeds rock-steady. And because throttle settings stay lower, fuel efficiency stays higher.

Nimble

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

4 YEARS WARRANTY[^]
 on Cutting Unit
 Reel Drive
 Motors and
 Controllers



7500A E-Cut Hybrid

27.7 kW (37.1 hp) engine
Electric reel drive cutting units powered by a 48 volt alternator
5-QA5 55.8 cm (22 in.) cutting units
12.7 cm (5 in.) diameter reel
Total cutting width: 254 cm (100 in.)
Mowing speed: 0–12.8 km/h
TechControl



8000A E-Cut Hybrid

27.7 kW (37.1 hp) engine
Electric reel drive cutting units powered by a 48 volt alternator
5-QA5 45.7 cm (18 in.) cutting units
12.7 cm (5 in.) diameter reel
Total cutting width: 203 cm (80 in.)
Mowing speed: 0–10 km/h
TechControl

[^]Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.

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 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.

Hydraulic internal wet disc brakes

The hydraulic internal wet disc brakes on our A-models have no brake linkages and need no adjustments, reducing the routine maintenance by 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



eHydro™ system

The 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 the reel drive motors, requiring no additional batteries on unit and electric reel motors and requiring no routine maintenance.

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

**4 YEARS
WARRANTY[^]**
on Reel Motors

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.



LoadMatch™

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.

[^]Term limited to years or hours used, whichever comes first, and varies by model.
See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT for details.

PrecisionCut™ Fairway Mowers

7500A



7700A



Engine		
Type	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel
Maximum rated power as per SAE J1995, kW (hp)	27.7 (37.1) at 2,600 rpm, PS	27.7 (37.1) at 2,600 rpm, PS
Displacement, cc (cu. in.)	1.496 (91.6)	1.496 (91.6)
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 disc 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	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 (optional)
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, cm (in.)	Quick Adjust QA5 55.8 (22)	Quick Adjust QA7 55.8 (22)
Total cutting width, cm (in.)	254 (100)	254 (100)
Cutting height, cm (in.)	0.2 to 2.85 (0.078 to 1.125)	0.635 to 5.08 (0.25 to 2.0)
Frequency of Clip (FOC)		
11-blade QA5, mm per km/h	0.69	–
7-blade QA5, mm per km/h	1.09	–
11-blade QA7, mm per km/h	–	1.06
7-blade QA7, mm per km/h	–	1.33
Rollers, mm (in.)	5.1 (2) front and rear; 7.6 (3) optional	7.6 (3)
Reel diameter (std. cutting unit), cm (in.)	12.7 (5)	17.8 (7)
Dimensions		
Height with ROPS, cm (in.)	224 (88)	224 (88)
Length with catchers, cm (in.)	323 (127)	323 (127)
Transport width, cm (in.)	221 (87)	221 (87)
Mowing position width, cm (in.)	287 (113)	287 (113)
Ground speed		
Mowing, km/h	0–12.9	0–12.9
Transport, km/h	0–18.5	0–20.1
Reverse, km/h	0–6.8	0–6.8
Certification		
Type	CE and ANSI B71.4-2004 EN ISO 5395	CE and ANSI B71.4-2004 EN ISO 5395

8700A



Direct inject diesel four-cylinder
36.2 (49.2) at 2,600 rpm, PS
2.189 (134)
2-stage dry element
Diesel
Liquid centrifugal pump
eHydro electronic-controlled hydrostatic pump to wheel motors
Tandem gear pump
Hydraulic power with double-acting steering cylinder
26.5 x 14–12 turf
10
Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
Standard; meets ISO 21299 Standard
Hand throttle at operator's right
2-pedal
One-touch single handle
Electric switch on CommandARM for internal wet disc brakes
Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
Electric switch on CommandARM
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)
Left foot-operated for easy adjustment
Yes
No
5
Quick Adjust QA7 55.8 (22)
254 (100)
6.3 to 50.8 (0.25 to 2.0)
–
–
1.06
1.33
7.6 (3)
17.8 (7)
224 (88)
323 (127)
221 (87)
287 (113)
0–12.8
0–20.1
0–6.8
CE and ANSI B71.4-2004 EN ISO 5395

E-Cut™ Hybrid Fairway Mowers

7500A



Direct inject turbocharged 3-cylinder diesel
27.7 (37.1) at 2,600 rpm, PS
1.496 (91.6)
2-stage dry element
Diesel
Liquid centrifugal pump
eHydro electronic-controlled hydrostatic pump to wheel motors
NA due to electric-driven cutting units
Hydraulic power with double-acting steering cylinder
26.5 x 14–12 turf
10
Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
Standard; meets ISO 21299 Standard
Hand throttle at operator's right
2-pedal
One-touch single handle
Electric switch on CommandARM for internal wet disc brakes
Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
Electric switch on CommandARM
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)
Left foot-operated for easy adjustment
Yes
Yes
5
Quick Adjust QA5 55.8 (22)
254 (100)
2.0 to 28.5 (0.078 to 1.125)
0.69
1.09
–
–
5.1 (2) front and rear; 7.6 (3) optional
12.7 (5)
224 (88)
323 (127)
221 (87)
287 (113)
0–12.9
0–18.5
0–6.8
CE and ANSI B71.4-2004 EN ISO 5395

8000A



Direct inject turbocharged 3-cylinder diesel
27.7 (37.1) at 2,600 rpm, PS
1.496 (91.6)
2-stage dry element
Diesel
Liquid centrifugal pump
eHydro electronic-controlled hydrostatic pump to wheel motors
NA due to electric drive reel circuit
Hydraulic power with double-acting steering cylinder
24 x 13 x 12 smooth
10
Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
Standard; meets ISO 21299 Standard
Hand throttle at operator's right
2-pedal
One-touch single handle
Electric switch on CommandARM for internal wet disc brakes
Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
Electric switch on CommandARM
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
Yes
Yes
5
Quick Adjust QA5 45.72 (18)
203 (80)
2 to 28.5 (0.078 to 1.125) requires optional bedknife for lowest height of cut and 7.6 cm (3 in.) roller for highest
0.69
1.09
–
–
51 (2) front and rear; 76 (3) optional
12.7 (5)
221 (87)
315 (124)
231 (91)
236 (93)
0–9.7
0–14.5
0–6.8
CE and ANSI B71.4-2004 EN ISO 5395

Trim, Rough & Surrounds Mowers

Accuracy has never been so easy – or so quiet



PrecisionCut™ Reel and TerrainCut™ Rotary

Mowing tree lines, bunker edges and surrounds is easier than ever with our latest PrecisionCut Reel and TerrainCut Rotary models.

The well-balanced 2653B and 7200A provide superb manoeuvrability backed by a three-wheel drive system designed for maximum traction and minimum turf footprint. The comfortable operator stations with simple-to-use and well-laid-out controls ensure that these machines are not a chore. These PrecisionCut models also feature the exclusive Speed Link™ system for easy reel adjustment and are simple to set up and maintain. The 7200A even boasts TechControl.

The 7400A, 8800A and 9009A TerrainCut Rotary models also benefit from the TechControl system which incorporates innovative features like LoadMatch™, which automatically adjusts the machines' speeds to keep power to the cutting units under load. The heavy-duty rotary decks are ready for heavy conditions but also have the agility for up-close trimming. The 7400A even features 'Width-on-demand' ability allowing the selection of different widths depending on where the operator is using the machine.

For the most productive machine in the TerrainCut rotary mower line-up, the new 9009A has a wider cut width, new technology and advanced features specifically designed to deliver the performance and cut quality you demand in challenging rough conditions.

The 9009A and 7400A features a deck design with an asymmetric rear-discharge cutout and moulded chute to promote better airflow, leading to improved clipping dispersal and cut quality.

2653B PrecisionCut

 14.6 kW (19.6 hp) engine
 GRIP all-wheel drive
 66 cm (26 in.) or 76.2 cm (30 in.) QA7 cutting units
 183 cm (72 in.) or 213.3 cm (84 in.) mowing width
 Mowing speed: 0–8 km/h

7200A PrecisionCut

 15.8 kW (21.2 hp) engine
 3-QA7 66 cm (26 in.) or QA7 76.2 cm (30 in.)
 17.8 cm (7 in.) diameter reel
 Width-on-demand cut: 173 cm (68 in.) or 183 cm (72 in.)
 Mowing speed: 0–10 km/h
 TechControl

7400A TerrainCut

 27.7 kW (37.1 hp) engine
 3 x 68.6 cm (27 in.) rotary decks
 Width-on-demand cut: 173 cm (68 in.) or 188 cm (74 in.)
 Mowing speed: 0–10 km/h
 TechControl

8800A TerrainCut

 36 kW (48.3 hp) engine
 5 x 53.3 cm (21 in.) rotary decks
 Total cutting width: 223.5 cm (88 in.)
 Mowing speed: 0–12.8 km/h
 TechControl

9009A TerrainCut

 41.1 kW (55.1 hp) engine
 5 x 68.6 cm (27 in.) rotary decks
 Total cutting width: 274.3 cm (108 in.), 17.1 cm (6.8 in.) overlap
 Mowing speed: 0–12.8 km/h
 TechControl

2653B PrecisionCut™ Reel



SPEEDLINK™
SYSTEM



All-day comfort

The operator platform maximises operator comfort with plenty of legroom, an ideally positioned steering wheel and easy-to-reach controls. The seat also offers movement from front to back, and also features lumbar support via an adjustable seat back, armrests and a suspension system that can be adjusted for different operator weights and comfort levels.

Stable design

A low centre of gravity with a wide 140 cm (55 in.) wheelbase ensures a comfortable and safer operation even in adverse mowing conditions.



Standard QA7 cutting units

The revolutionary Speed Link system makes it possible to adjust the cutting height to both sides of the reel in no time. A linking bar connects both sides of the rear roller to a high-reduction ratio worm gear, allowing 1/1,000th of an inch adjustments to be made to both sides of the roller simultaneously. QA7 cutting units available in 66 cm (26 in.) or 76 cm (30 in.) widths and five- or eight-blade configuration.



Full-time 3WD

The full-time 3WD hydrostatic traction system automatically detects wheel slippage and directs the power to the other wheels for constant traction power. This system also provides plenty of hill-climbing power without the need for extra valves of a weight-transfer system. This reduces the number of potential hydraulic leak points.

PrecisionCut Trim and Surrounds Mower

2653B



Engine	
Type	Yanmar 3-cylinder indirect inject diesel
Maximum rated power per SAE J1995, kW (hp)	14.6 (19.6) at 3,000 rpm, PS
Displacement, cc (cu. in.)	854 (52.1)
Air cleaner	Dual stage, restriction indicator
Cooling system	Liquid
Oil filter	Full-flow filter
Vehicle	
Traction drive	3-wheel drive hydrostatic, equal traction to all wheels
Reel drive pump	Gear
Hydraulic system capacity, L	20.8
Fuel tank capacity, L	28
Steering	Hydraulic power steering
Front tyre	20 x 10-10 turf
Rear tyre	20 x 10-8 turf
Braking system	2-wheel disc; hand-controlled park brake; dynamic braking through closed loop traction system
Controls	
Lift and lower of cutting units	One-touch hand-controlled
Park brake	Hand
Ground clearance, cm (in.)	14 (5.5)
Mower engagement	Hand
Throttle	Hand
Hydrostatic speed control	Foot
Ignition	Key switch, automatic glow plug
Reel control valves	Micro-backlap valve with reel speed control
Instrumentation	
Engine oil pressure	LED warning light
Alternator	LED warning light
Hydraulic oil temperature	LED warning light
Engine coolant temperature	LED warning light
Electrical and safety interlocks	
Diagnostics	Onboard diagnostics with the White Box Controller and Sit on Seat Diagnostics (SOS)
Safety interlock switches	Neutral start switch, operator presence switch (in seat), mow/transport switch, park brake set switch
Dimensions and weight	
Height with ROPS, cm (in.)	208.3 (82)
Tread width, cm (in.)	132 (52)
Mowing position width, cm (in.)	183 or 213 (72 or 84)
Wheelbase, cm (in.)	140 (55)
Turning radius, uncut circle, cm (in.)	50.8 (20)
Weight (full fluids, no operator, no fuel), 66 cm (26 in.) units raised, kg (lb.)	863.1 (1,903)
Ground speed	
Mowing speed, km/h	0–8
Transport speed, km/h	0–13.7
Reverse speed, km/h	0–4.8
Cutting units	
Number	3 reel cutting units
Size, cm (in.)	Quick Adjust QA7 66 (26) or QA7 76 (30)
Number of blades	5 or 8
Backlapping	Standard
Frequency of Clip (FOC)	
5-blade cutting unit, mm per km/h	3.17
8-blade cutting unit, mm per km/h	1.99
Front rollers, cm (in.)	7.5 (3) grooved, solid or spiral (optional)
Reel diameter, cm (in.)	17.8 (7)
Bedknife adjustment	Reel-to-bedknife
Certification	
Type	ANSI B71.4-2004

7200A PrecisionCut™ Reel

**TECH
CONTROL**



SPEEDLINK™
SYSTEM



Premium operator comfort

As always with John Deere golf products, operator comfort is of significant importance. A wide operator platform, foot-operated tilt steering system, CommandARM™ controls and a comfortable suspension seat are key highlights.

Perfect contour following

By angling the operator platform, the front cutting units have even more clearance to manoeuvre when following undulating terrain, whilst the rear units have good clearance to the frame. The cutting units also have plenty of downward travel to follow contours when cresting mounds and undulations.

Easy service access

The 7200A PrecisionCut Trim and Surrounds Mower is no slouch when it comes to serviceability either, with internal wet disc brakes, conveniently located daily service checks, a removable radiator screen with tilt-out oil cooler and onboard electrical diagnostics using the TechControl display.



Reach trimming system

The Reach Trimming System allows the operator to extend either the front-left or front-right cutting unit up to 36.5 cm (14 in.) (66 cm/26 in. QA7) or 50.8 cm (20 in.) (76.2 cm/30 in. QA7) beyond the outside edge of the tyre, allowing the operator to trim around bunkers and other areas.



Width-on-demand system

The exclusive Width-on-demand system allows operators to change between a 173 cm (68 in.) to 183 cm (72 in.) cutting width with 66 cm (26 in.) QA7 cutting units or 203 cm (80 in.) to 213 cm (84 in.) with 76.2 cm (30 in.) QA7 cutting units on the go with the simple toggle of a switch.

PrecisionCut Trim and Surrounds Mower

7200A



Engine	
Type	Yanmar 3-cylinder direct inject diesel
Maximum rated power per SAE J1995, kW (hp)	15.8 (21.2) at 2,600 rpm, PS
Displacement, cc (cu in.)	1,267 (77.3)
Air cleaner	2-stage dry element
Cooling system	Liquid centrifugal pump; forward machine location for optimal cooling
Vehicle	
Traction drive	eHydro™ electronic-controlled hydrostatic pump to wheel motors with standard GRIP All-Wheel Drive traction system
Reel drive pump	Gear
Hydraulic system capacity, L	45.4
Fuel tank capacity, L	45.4
Steering	Hydraulic power with double-acting steering cylinder
Front drive tyres	24 x 12-12 turf trac with 14 psi
Steering tyres	24 x 12-12 multi trac with 14 psi
Brakes	Internal hydraulic wet disc brakes
ROPS with seat belts	Deluxe suspension seat with seat belts; ISO 21299 Standard pending
Controls on operator CommandARM	
Width-on-demand	One touch switch
Front deck shift for trimming	Selector switch and extend/retract switch
Throttle	Hand throttle
Mower lift	One-touch single handle
PTO	Electric switch on CommandARM
Ignition	Key start
Work lights (optional)	Switch on CommandARM
Instrument cluster	Machine warnings, onboard electrical diagnostics, service timers, settings for mow and transport speed, turn speed, LoadMatch™
Storage and communication	Cup holder; two-way radio; large operator storage located on left-hand side of operation station
Controls	
Seat	Deluxe full suspension seat with armrest and retractable seat belt
Parking brake	Electric switch on CommandARM for internal wet disc brakes
Tilt steering	Foot-operated
Forward/reverse	Dual pedal
Dimensions	
Height with ROPS, cm (in.)	213.4 (84)
Length, cm (in.)	338 (133)
Width, cm (in.)	173 (68); 183 (72) Width-on-demand
Wheelbase, cm (in.)	157.5 (62)
Mowing, km/h	0–9.7
Transport, km/h	0–14.5
Reverse, km/h	0–9.7
Weight, less operator, kg (lb.)	1,039 (2,290)
Mower	
Number	3 reel cutting units
Size, cm (in.)	Quick Adjust QA7 66 (26) or QA7 76 (30)
Number of blades	5 or 8
Backlapping	Standard
Frequency of Clip (FOC)	
Five-blade cutting unit, mm per km/h	3.17
Eight-blade cutting unit, mm per km/h	1.99
Front rollers, cm (in.)	7.5 (3) grooved, solid, or spiral (optional)
Reel diameter cm (in.)	17.8 (7)
Bedknife adjustment	Reel-to-bedknife
Certification	
Type	CE and ANSI B71.4-2004 EN ISO 5395

7400A TerrainCut™ Rotary

**TECH
CONTROL**



Premium operator comfort

Easy entry and exit operator station with many comforts, such as foot-operated tilt steering, eHydro™ pedals with no linkages to decrease operator foot fatigue and a deluxe suspension seat with many comfort adjustments for all-day productivity.

Easy service access

For ease of service, all daily engine checks are easily accessible by raising the bonnet. These service points include an engine-oil level check, a coolant level check, hydraulic fluid level and an air-restriction indicator.



Width-on-demand system

Featuring both a 173 cm (68 in.) and 188 cm (74 in.) cutting width option that can be changed with the touch of a button. From narrow undulating terrain to wider terrain where cutting unit overlap maximises cut quality by eliminating uncut strips of grass.

Perfect contour following

The combination of a larger deck circuit pump, lost-motion lift cylinders, a double yoke pivot design and high-torque deck kick motors provide a consistent and clean quality of cut. This system stands the grass up to provide an outstanding cut quality and an optimal clipping dispersal with the rear-discharge system.



Enhanced mower decks

Equipped with three 68.6 cm (27 in.) rotary decks constructed of 10 gauge steel for superior contour-following ability and cut quality, enhanced by a front-caster-wheel system for easy turning and rear roller for perfect finishing.

LoadMatch™

LoadMatch compensates the traction speed of the machine to keep power to the cutting units, by sensing the machine operation. Once the load is reduced, the machine will return to the normal mowing speed.

TerrainCut Rough Mower

7400A



Engine	
Type	Yanmar 3-cylinder direct inject diesel
Maximum rated power per SAE J1995, kW (hp)	27.7 (37.1) at 2,600 rpm, PS
Displacement, cc (cu. in.)	1,496 (91.6)
Air cleaner	2-stage dry element
Cooling system	Liquid centrifugal pump; forward machine location for optimum cooling
Vehicle	
Traction drive	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All-Wheel Drive traction system
Deck drive pump	Gear
Hydraulic system capacity, L	45.4
Fuel tank capacity, L	45.4
Steering	Hydraulic power with double-acting steering cylinder
Front drive tyres	24 x 12-12 turf trac
Steering tyres	24 x 12-12 multi trac
Ground pressure, psi	14 psi
Brakes	Internal hydraulic wet disc brakes
ROPS with seat belts	ISO 21299 Standard pending
Controls on operator CommandARM™	
Width-on-demand	One touch switch
Front deck shift for trimming	Selector switch and extend/retract switch
Throttle	Hand throttle
Mower lift	One-touch single handle
PTO	Electric switch on CommandARM
Ignition	Key start
Work lights (optional)	Switch on CommandARM
Instrument cluster	TechControl display: located on CommandArm; displays machine warnings, on-board electrical diagnostics; service timers on large easy to read screen; quick on-the-go settings for mow and transport speed; turn speed; LoadMatch and ON/OFF cruise control use selection: all settings are password protected
Storage and communication	Cup holder; two-way radio; large operator storage located on left hand side of operator station
Controls	
Seat	Deluxe suspension seat with seat belts and fore/aft adjustment
Parking brake	Electric switch on CommandARM for internal wet disc brakes
Tilt steering	Foot-operated
Forward/reverse	Dual pedal
Dimensions	
Height with ROPS, cm (in.)	213.4 (84)
Length, cm (in.)	338 (133)
Width, cm (in.)	179 (70.5) with 173 (68) cutting width; 194.3 (76.5) with 188 (74) cutting width
Wheelbase, cm (in.)	157.5 (62)
Mowing, km/h	0–9.7
Transport, km/h	0–14.5
Reverse, km/h	0–9.7
Operating weight, less operator, kg (lb.)	1,216 (2,680) decks up; 1,016 (2,240) decks down
Mower	
Number	3 rotary decks; no tool-adjustment cutting height
Size, cm (in.)	68.6 (27)
Total cutting width, cm (in.)	173 (68) or 188 (74); Width-on-demand system
Cutting height, cm (in.)	2.5–10.2 (1–4) in .6 (.25) increments; no tool adjustment
Certification	
Type	CE and ANSI B71.4-2004 EN ISO 5395

8800A TerrainCut™ Rotary

**TECH
CONTROL**



Power to go

An efficient 36 kW (48.3 hp) turbocharged, 4-cylinder diesel engine with an intercooler generates power efficiently to tackle challenging conditions.

Easy service access

For ease of service, all daily engine checks are easily accessible by raising the bonnet. These service points include an engine-oil level check, a coolant level check, hydraulic fluid level and an air-restriction indicator.

Premium operator comfort

Easy entry and exit operator station with many comforts, such as foot-operated tilt steering, eHydro™ pedals with no linkages to decrease operator foot fatigue and a deluxe suspension seat with many comfort adjustments for all-day productivity.

LoadMatch™

The LoadMatch feature compensates the traction speed of the machine to keep power to the cutting units. The machine senses the load and slows the traction speed to properly cut the mowing pass. Once the load is reduced, the machine will return to the normal mowing speed.



Enhanced mower decks

Equipped with five 53.3 cm (21 in.) rotary decks constructed of 10 gauge steel for superior contour-following ability and cut quality. The front and rear rollers ensure the force from any obstacles encountered is transferred through the frame rather than through the deck shell.

Perfect contour following

The combination of a larger deck circuit pump, lost-motion lift cylinders, a double yoke pivot design and high-torque deck motors provide a consistent and clean quality of cut. This system stands the grass up to provide an outstanding cut quality and an optimal clipping dispersal with the rear-discharge system.

TerrainCut Rough Mower

8800A



Engine	
Type	4-cylinder direct inject diesel
Maximum rated power, kW (hp)	36.2 (49.2) at 2,600 rpm, PS
Air cleaner	2-stage dry element
Cooling system	Liquid centrifugal pump
Vehicle	
Traction type	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All-Wheel Drive traction system
Deck drive pump	Tandem gear pump
Deck drive	Direct-coupled hydraulic gear motor
Hydrostatic system capacity, L	45.4
Fuel tank capacity, L	60.6
Steering	Hydraulic power with dual rod, double-acting steering cylinder
Steering tyres	20 x 12 x 10-8 turf trac
Front drive tyres	26 x 12-12 multi trac
Ground pressure, psi	12-18
Brakes	Internal hydraulic wet disc brakes
Operating weight wet (cutting units raised), kg (lb.)	1,542 (3,400)
Controls	
Throttle	Automatic controls with AutoPedal™ foot controls; manual control through TechControl display
Forward/reverse	Dual pedal
Mower lift	Single hand lever located on operator control arm
Parking brake	Internal wet disc brakes
Seat	Deluxe suspension
PTO	Electric switch on CommandARM™
4WD	Standard GRIP All-Wheel Drive traction system; always engaged in mow or transport
ROPS	ISO 21299 Standard pending
Tilt steering	Foot-operated
Dimensions	
Height with ROPS, cm (in.)	223.5 (88)
Length, cm (in.)	337.8 (133)
Transport width, cm (in.)	221 (87)
Mowing position width, cm (in.)	287 (113)
Ground speeds	
Mowing, km/h	0-12.8
Transport, km/h	0-20.12
Reverse, km/h	0-9.7
Cutting units	
Cutting deck width, cm (in.)	53.3 (21)
Cutting height range, cm (in.)	2.54 to 10.2 (1 to 4); no tool adjustment
Deck construction	10 gauge steel with front skid plate
Blade tip speed, m/min	4,572
Rear roller diameter, cm (in.)	7.6 (3)
Front rollers, cm (in.)	10.2 (4) diameter by 12.7 (5) wide
Certification	
Type	CE and ANSI B71.4 ISO 11201

9009A TerrainCut™ Mower

Until now, using a wide-area mower in the rough meant compromising on your quality of cut. But with the 9009A TerrainCut Mower, you can maximise both your productivity and your cut quality.

With a 274.3 cm (108 in.) mowing width, the 9009A is a five-gang, 68.6 cm (27 in.) independent rotary deck mower. A double-point yoke system on all five decks increases deck movement fore/aft, allowing for greater contour following and an even cut. And the 9009A has a greater deck overlap for superior side hill mowing.

The 9009A also sports a deeper deck design with a rear-discharge for greater dispersion and a cleaner cut. And our exclusive LoadMatch™ lets you mow in thick, lush conditions. The 9009A features the same TechControl display found on our A-model mowers. The TechControl lets you set precise mow, transport, and turn speeds while also allowing for quick and easy diagnostics.



Easily adjustable height-of-cut

All height-of-cut adjustments on the 9009A can be performed without tools with an innovative notch system. All it takes is a simple pull of a lever.



Unique rear deck

Our unique rear deck design allows for greater clippings dispersion and the deeper shell stands grass up for an even cut.



Double yoke

The double yoke on the 9009A means the rotary decks follow the contours in the most undulating terrain for an exceptional quality and consistency of cut.



TechControl

Passcode-protected TechControl display lets you precisely set mowing speed, turning speed, or transport speed for consistent performance.

TerrainCut Rough Mower

9009A



Engine	
Type	Direct inject turbocharged diesel B20 compliant
Maximum rated power, kW (hp)	41.1 (55.1) at 2,800 rpm, ISOC
Cylinders	4
Displacement, L (cu. in.)	2.091 (127.60)
Air cleaner	2-stage dry element
Fuel	Diesel
Cooling system	Liquid centrifugal pump; forward machine location for optimum cooling
Vehicle	
Traction type	eHydro™ servo controlled hydraulic traction pump
Deck drive pump	Tandem gear pump
Deck drive	Direct-coupled hydraulic gear motor
Hydrostatic system capacity, L	45.4
Fuel tank capacity, L	60.6
Steering	Hydraulic power with dual rod, double acting steering cylinder
Steering tyres	20 x 12 - 10 4PR turf trac
Front drive tyres	26.5 x 14 - 12 6PR ultra trac
Ground pressure, psi	12-18
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
Operating weight wet (cutting units raised), kg (lb.)	4,000 (1,814)
Controls	
Throttle	No throttle lever; automatic controls with AutoPedal™ foot controls; manual control through TechControl display
Forward/reverse	2-pedal
Mower lift	One-touch single handle
Parking brake	Electric switch on CommandArm™ for internal wet disc brakes
Seat	Air ride suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
PTO	Electric switch on CommandArm for quick and easy transition from mow to transport
Brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
ROPS	Standard, meets ISO 21299 Standard
Tilt steering	Left foot operated for easy adjustment
Operator display	TechControl display: located on Command Arm; displays machine warnings, on-board electrical diagnostics; service timers on large easy to read screen; quick on-the-go settings for mow and transport speed; Turn Speed; LoadMatch and ON/OFF weight transfer and cruise control use selection; cutting unit drop rate adjustment; all settings are password protected
Dimension	
Height with ROPS, cm (in.)	222 (87.4)
Length, cm (in.)	339.3 (134)
Transport width, cm (in.)	228.7 (90) at 10.2 (4) height of cut
Mowing width, cm (in.)	274.3 (108), 17.1 (6.75) overlap
Ground speeds	
Mowing, km/h	0 – 12.9
Transport, km/h	0 – 19.3
Reverse, km/h	0 – 9.7
Cutting units	
Cutting deck width, cm (in.)	68.6 (27)
Height of cut range, cm (in.)	1.91 - 10.2 (0.75 - 4.0) no tool adjustment
Deck construction, cm (in.)	Single 10-gauge steel stamped deck with front skid plate 3.8 (1.5) tall and 1.3 (0.5) thick steel stock welded to the decks edge.
Rear roller diameter, cm (in.)	7.6 (3)
Front rollers, cm (in.)	12.7 (5)

Wide-Area Mower



For the ultimate in wide-area rough mowing, the 1600 Series II Turbo has the strength and stamina you need to mow all day long, every day of the week. Increase your productivity with this high-capacity machine which allows the operator to work in comfort. Heavy-duty areas call for heavy-duty machines.



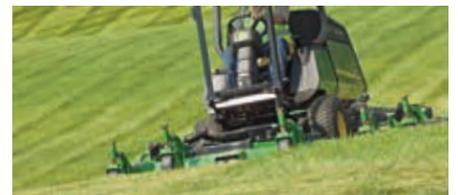
High performance engine

The turbocharged, 4-cylinder engine delivers 42.7 kW (57.3 hp). Highlights include overhead valves, direct fuel injection, electronic engine control and a cooled Exhaust Gas Recirculation (EGR) system to reduce emissions.



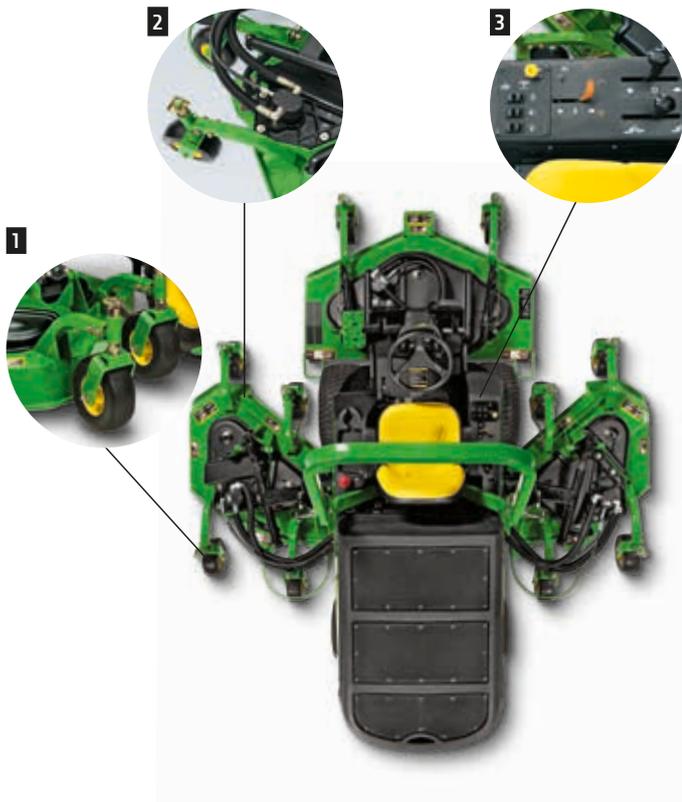
Easy to service

We designed the 1600 Series II Turbo for fast, simple servicing. LED lights and a 'heartbeat' function make diagnostics easy, while the onboard John Deere Service ADVISOR™ provides laptop-based technical and machine support for technicians and service managers.



Hug the ground

Whatever the terrain, the wing decks on the 1600 Series II Turbo ensure a flawless cut. They can mow at an upward angle of 45 degrees and a downward angle of 20 degrees.



1 Efficiency and durability

For more efficiency and durability, the decks are equipped with flat-free tyres. No more punctures, less downtime.

2 Superior impact absorbing system

The impact absorbing system allows the wing decks to move rearward and inward to prevent possible damage from trees and other potential obstructions.

3 Operator station

From the fully adjustable air ride seat (standard) between the front- and rear-axles, operators have a clear view of the cutting area and the two cutting units on each side. The optional factory installed 4-post Rollover Protection System (ROPS) provides enhanced operator safety (not shown).

Wide-Area Mower

1600 Series II Turbo



Engine	
Type	Yanmar 4-cylinder direct injection diesel (4TNV84T)
Maximum rated power per SAE J1995, kW (hp)	42.7 (58.1) at 3,000 rpm, PS
Displacement, cc (cu. in.)	1,995 (122)
Lubrication	Pressurised lobe-style pump
Cooling	Liquid-cooled water centrifugal
Fuel capacity, L	83.3
Hydrostatic transmission	
Forward speed max. km/h	0–23
Reverse speed max. km/h	0–11.5
Brakes	Internal wet disc
Traction	4WD full-time on demand with diff lock
Steering	Power, hydrostatic
Operator station	
Seat	Air ride suspension seat, adjustable, deluxe, high-backed, back angle adjustment, standard armrests
Tyres	
Front	26 x 12–12 6PR
Rear	18 x 9.5–8 6PR
Dimensions	
Length (with deck), cm (in.)	335 (132)
Wheel base, cm (in.)	152 (60)
Width with decks down, cm (in.)	340 (134)
Transport width, cm (in.)	213 (84)
Height with ROPS, cm (in.)	249 (98)
Vehicle weight w/o ROPS, kg (lb.)	1,893 (4,173)
ROPS	
Type	Standard two-post folding ROPS or four-post canopy ROPS meets ISO21299 Standard
Certification	
Type	ANSI B71.4-2004

Mower Decks

Cutting widths, cm (in.)	157 (62), 239 (94), 325 (128)
Centre deck cutting width, cm (in.)	157 (62)
Wing deck cutting width, cm (in.)	107 (42)
Discharge	Rear
Deck construction	Fabricated 7 gauge
Cutting height range, cm (in.)	2.5–13.9 (1–5.5)
Wing deck float up	45 degrees

Specifications and design subject to change without notice



Front Mowers



With a front mower, you can work fast without cutting corners in terms of quality. The mower decks are specially designed for high-capacity work and the high torque diesel engine can power through thick, wet grass all day long. The ergonomic operator station keeps you fresh and focused – and thanks to the outstanding build quality, you and your operators can look forward to long years of high-speed, top-quality performance.



Excellent traction

Bumps, wet and soft conditions and steep inclines are no match for the mechanical 4WD system on these mowers.



Better cooling

The rear-mounted radiator keeps noise away from the operator and makes the mower easy to service.



Integrated ComfortCab

The integrated ComfortCab comes on the 1575 and 1585, providing excellent visibility and comfort whatever the weather.

Front Mowers

1550



1570



1575



1580



1585



Engine					
Type	3-cylinder diesel	3-cylinder diesel	3-cylinder diesel	3-cylinder diesel	3-cylinder diesel
Maximum rated power per SAE J1995, kW (hp)	17.8 (24.2) at 3,000 rpm, PS	22.7 (30.9) at 3,000 rpm, PS	22.7 (30.9) at 3,000 rpm, PS	28.1 (38.2) at 3,000 rpm, PS	28.1 (38.2) at 3,000 rpm, PS
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Traction drive	Single speed 4WD	Single speed 4WD	Single speed 4WD	Single speed 4WD	Single speed 4WD
Differential lock	Standard	Standard	Standard	Standard	Standard
Vehicle speed forward; km/h	0–19.3	0–19.3	0–19.3	LOW = 0–13.7 HIGH = 0–24.1	LOW = 0–13.7 HIGH = 0–24.1
Vehicle speed reverse; km/h	0–8	0–8	0–8	0–8	0–8
Front tyres	23 x 10.5–12	23 x 10.5–12	23 x 10.5–12	26 x 12.0–12	26 x 12.0–12
Rear tyres	18 x 8.5–10	18 x 8.5–10	18 x 8.5–10	20 x 10.0–10	20 x 10.0–10
Brake type	Internal wet disc	Internal wet disc	Internal wet disc	Internal wet disc	Internal wet disc
Park brake	Yes	Yes	Yes	Yes	Yes
Turning brakes	Standard	Standard	Standard	Standard	Standard
Power Take-Off (PTO)	Front	Front	Front	Front	Front
PTO clutch	Wet multi-disc, modulated	Wet multi-disc, modulated	Wet multi-disc, modulated	Wet multi-disc, modulated	Wet multi-disc, modulated
Power steering	Standard	Standard	Standard	Standard	Standard
Steering	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel
ComfortCab	No	No	Yes	No	Yes
Dimension					
Ground clearance; mm (in.)	165 (6.5)	165 (6.5)	165 (6.5)	199 (7.8)	199 (7.8)
Height with ROPS; mm (in.)	2,121 (83.5)	2,121 (83.5)	NA as cab standard	2,155 (84.8)	NA as cab standard
Height with ROPS folded; mm (in.)	149 (58.8)	149 (58.8)	NA as cab standard	153 (60.3)	NA as cab standard
Height with cab; mm (in.)	NA	NA	2,127 (83.7)	NA	2,164 (85.2)
Overall length without mower deck; mm (in.)	2,218 (87.3)	2,218 (87.3)	2,218 (87.3)	2,218 (87.3)	2,218 (87.3)
Overall width of power unit; mm (in.)	1,314 (51.7)	1,314 (51.7)	1,314 (51.7)	1,410 (55.5)	1,475 (58)
Wheelbase; mm (in.)	1,250 (49.2)	1,250 (49.2)	1,250 (49.2)	1,250 (49.2)	1,250 (49.2)
Weight (without mower deck and fuel) kg (lb.)	832 (1,835)	889 (1,960)	1,105.5 (2,435)	962 (2,120)	1,177 (2,595)

Mower Decks

	60 Side-Discharge (7Iron™ PRO)	72 Side-Discharge (7Iron PRO)	72 Side-Discharge (7Iron V-Flex)	62 Rear-Discharge (Fastback)	72 Rear-Discharge (Fastback)
Fits	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585
Cutting width, cm (in.)	153 (60)	183 (72)	183 (72)	158 (62)	183 (72)
Cutting height, cm (in.)	25 to 152 (1 to 6)	25 to 152 (1 to 6)	25 to 152 (1 to 6)	25 to 152 (1 to 6)	25 to 152 (1 to 6)
Mulch kit available	Yes	Yes	Yes	Yes	Yes

Specifications and design subject to change without notice



Walk-Behind Aerator

Leading the way in terms of productivity and ease of use





Aercore 800 Walk-Behind Aerator

Aercore 800

 18.6 kW (25 hp*)
 Coring width 800 mm (31.5 in.)
 Coring depth – up to 88.9 mm (3.5 in.)
 Verticutter attachment as option

With the Walk-Behind Aercore 800, you'll be getting more done in less time. An electrohydraulic lift system serves two purposes, it cuts the time to lift and lower the coring head, greatly improving hole quality and allows the coring head to follow contours and undulations automatically.

Walk-Behind Aerator

Aercore 800



Engine/Transmission	
Maximum rated power per SAE J1995 kW (hp)	18.6 (25*)
Displacement, cc	725
Fuel capacity, L	18.9
Fuel type	Petrol
Machine	
Coring width, mm (in.)	800 (31.5)
Coring depth, mm (in.)	Up 101.6 (4) in 6.4 (¼ in.) increments
Hole spacing, mm (in.)	25.4 (1) to 76.2 (3) in 6.4 (¼ in.) increments
Productivity	
Max. transport speed, km/h	5.7
Turning radius, mm (in.)	203 (8)
Coring head	
Drive	Belt with electric clutch
RPM	660 (± 25 coring)
Lift system	Hydraulic
Geometry	Flexi-Link
Tyre holders	Magnetic
Calibration	Active turf calibration
Verticutter	
Included	No (Optional extra)
Dimensions	
Height, mm (in.)	1,400 (55.1)
Width: Assembled (at core sweepers), mm (in.)	1,177 (46.3)
Width: Assembled (at verticutter), mm (in.)	1,440 (56.7)
Length, mm (in.)	2,784 (109.6)

Mounted Aerators

Outstanding performance has never been so easy



Mounted Aerators

Simply superior: John Deere Aercore 1000, 1500 and 2000

Nothing beats a John Deere Mounted Aerator 1000, 1500 or 2000 for consistent hole quality and productivity. And with their V-belt drive design and sealed bearings, they're engineered for years of quiet, fuss-free service – even in difficult conditions.

The unique Flexi-link coring system is a John Deere exclusive that keeps tynes perpendicular to the ground for longer. The result is a better quality hole, time after time and at coring depths of up to 100 mm.

How many holes do you need?

The Aercore Aerator 1000 can aerate up to 4,645 square metres per hour (coring width 95.3 cm). The 1500 manages 6,967 square metres per hour (coring width 146 cm) and the 2000 aerates up to 9,290 square metres per hour (coring width 196.8 cm). Minimum horsepower requirements at PTO tractor are 11.2 kW (15 hp), 16.4 kW (22 hp) and 24.6 kW (33 hp) respectively. All three aerators require a Category 1, 3-point hitch and proper ballast.

Collection System

TC125

Vehicle requirements	Powered by either a compact utility tractor or HDUV with a Selective Control Valve (SCV). Hydraulic requirements – 23 Lpm (6 gpm), 2,000 psi minimum continuous
Gathering width, cm (in.)	121.9 (48)
Hopper capacity, cu. m ³ (cu. ft. ³)	0.71 (25)
Hitch	Attaches with standard 19 mm (¾ in.) hitch pin
Offset towing feature	Allows the unit to be towed directly behind or offset to the left side of the vehicle. Easily performed while operator remains seated.
Hydraulic collection	3 quick-disconnect couplers (2 rotary brush, 1 lift cylinder)
Lift	Hydraulic-powered lift cylinder for dumping
Pick-up system	Hydraulic-powered rotary brush
Brush speed, rpm	500–600, direct drive hydraulic motor
Rollers, cm (in.)	Brush aggressiveness and flotation is controlled by a 15.24 (6) diameter full-width roller directly behind the rotary brush. The roller height can be adjusted to accommodate the turf conditions and degree of brush wear.
Productivity	Clears an average green in 15 minutes
Tyres	26.5 x 14–12
Dimensions	
Height, cm (in.)	162.5 (64) lowered; 368.3 (145) raised
Length, cm (in.)	350.5 (138)
Width, cm (in.)	238.7 (94)
Weight, kg (lb.)	578 (1,250)
Dump height clearance, cm (in.)	124.4 (49)

1000

 Requires minimum 11.2 kW (15 hp) PTO
 Flexi-link coring system
 95.3 cm (37.5 in.) coring width
 Up to 100 mm (4 in.) coring depth
 V-belt coring head drive
 Sealed bearings

1500

 Requires minimum 16.4 kW (22 hp) PTO
 Flexi-link coring system
 146 cm (57.5 in.) coring width
 Up to 100 mm (4 in.) coring depth
 V-belt coring head drive
 Sealed bearings

2000

 Requires minimum 24.6 kW (33 hp) PTO
 Flexi-link coring system
 196.8 cm (77.5 in.) coring width
 Up to 100 mm (4 in.) coring depth
 V-belt coring head drive
 Sealed bearings



TC125 Collection System

Makes cleaning up cores a breeze. A 0.71 cu. m³ (25 cu. ft.³) and 121.9 cm (48 in.) collection swatch can clear the average green in 15 minutes. The adjustable roller height allows for varying turf and prevents aggressive brush wear.

Mounted Aerators			
	1000 	1500 	2000 
Machine			
Coring width, cm (in.)	95.3 (37.5)	146 (57.5)	196.8 (77.5)
Coring depth, mm (in.)	Up to 100 (4)	Up to 100 (4)	Up to 100 (4)
Coring pattern Option 1, mm (in.)	Variable 61 x 51 to 127 (2.4 x 2.0 to 5.0) with 4X tyne holders	Variable 61 x 51 to 127 (2.4 x 2.0 to 5.0) with 4X tyne holders	Variable 61 x 51 to 127 (2.4 x 2.0 to 5.0) with 4X tyne holders
Coring pattern Option 2, mm (in.)	Variable 81.3 x 50 to 125 (3.2 x 2.0 to 5.0) with 3X tyne holders	Variable 81.3 x 50 to 125 (3.2 x 2.0 to 5.0) with 3X tyne holders	Variable 81.3 x 50 to 125 (3.2 x 2.0 to 5.0) with 3X tyne holders
Productivity			
30 x 50 mm (2.4 x 2.0 in.), sq m/hr (sq ft/hr)	1,859 (20,013)	2,789 (30,020)	3,722 (40,026)
30 x 64 mm (2.4 x 2.5 in.), sq m/hr (sq ft/hr)	2,324 (25,016)	3,486 (37,525)	4,653 (50,033)
30 x 76 mm (2.4 x 3.0 in.), sq m/hr (sq ft/hr)	2,789 (30,020)	4,183 (45,030)	5,584 (60,040)
30 x 101 mm (2.4 x 4.0 in.), sq m/hr (sq ft/hr)	3,718 (40,026)	5,578 (60,039)	7,445 (80,053)
30 x 111 mm (2.4 x 4.5 in.), sq m/hr (sq ft/hr)	4,069 (45,030)	6,282 (67,544)	8,376 (90,059)
30 x 127 mm (2.4 x 5.0 in.), sq m/hr (sq ft/hr)	4,648 (50,033)	6,972 (75,049)	9,306 (100,066)
Tyne sizes, tubular			
Option 1, mm (in.)	25.4 (1)	25.4 (1)	25.4 (1)
Option 2, mm (in.)	19 (¾)	19 (¾)	19 (¾)
Option 3, mm (in.)	16 (⅝)	16 (⅝)	16 (⅝)
Option 4, mm (in.)	12.7 (½)	12.7 (½)	12.7 (½)
Option 5, mm (in.)	10 (⅜)	10 (⅜)	10 (⅜)
Tyne sizes, open side			
Option 1, mm (in.)	25.4 (1)	25.4 (1)	25.4 (1)
Option 2, mm (in.)	22.23 (⅞)	22.23 (⅞)	22.23 (⅞)
Option 3, mm (in.)	20.64 (1⅜)	20.64 (1⅜)	20.64 (1⅜)
Option 4, mm (in.)	19 (¾)	19 (¾)	19 (¾)
Option 5, mm (in.)	16 (⅝)	16 (⅝)	16 (⅝)
Option 6, mm (in.)	12.7 (½)	12.7 (½)	12.7 (½)
Option 7, mm (in.)	10 (⅜)	10 (⅜)	10 (⅜)
Option 8, mm (in.)	6.35 (¼)	6.35 (¼)	6.35 (¼)
Tyne sizes, solid			
Option 1, mm (in.)	Needle tynes – 5 and 8	Needle tynes – 5 and 8	NA
Option 2, mm (in.)	16 (⅝)	16 (⅝)	16 (⅝)
Option 3, mm (in.)	10 (⅜)	10 (⅜)	10 (⅜)
Option 4, mm (in.)	Cross with 12.7 (½) rib	Cross with 12.7 (½) rib	Cross with 12.7 (½) rib
Option 5, mm (in.)	Super cross with 19 (¾) rib	Super cross with 19 (¾) rib	Super cross with 19 (¾) rib
Dimensions			
Weight, kg (lb.)	392 (865)	499 (1,100)	772 (1,728)
Height, mm (in.)	990 (39)	990 (39)	990 (39)
Width, mm (in.)	1,160 (45.7)	1,662 (65.5)	2,177 (85.7)
Length, mm (in.)	845 (33)	845 (33)	845 (33)

John Deere Precision Tyne Series

Our latest generation of top-quality tyne is designed for precise core integrity and hole depth. From greens or tees to roughs and fairways, the extended three-tier range offers the perfect tyne for every application.



Machined for precision

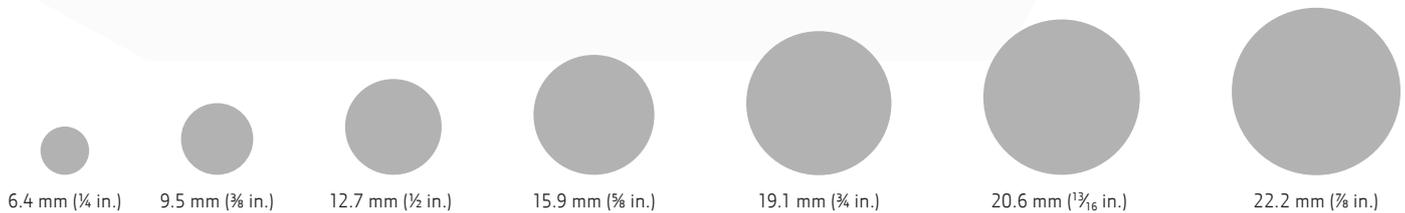
Many of our tyne are machined from a single, raw solid alloy rod. Benefits of this approach include:

- Reduced risk of impurities
- Stronger, more durable tyne
- Elimination of grind marks
- Smooth exterior and interior for proper core ejection

Selecting the right tyne



- 1** Inside diameter
- 2** Outside diameter
- 3** Wall thickness
- 4** Mount dimension
- 5** Length



Tyne	Description	Longevity	Application
Precision Standard	Manufactured using a standard heat treating process	Good	Good performance and durability
Precision Plus	Manufactured using a proprietary heat treating process	Better	Premium performance and durability for excellent hole quality and long life
Precision Ultra	Manufactured using a proprietary heat treating and sandblasting process; includes a carbide tip	Best	Maximum performance and durability with a long-lasting carbide tip for excellent hole quality and longest life
Fairway (rolled)	Manufactured using a standard heat treating process	Better	Premium performance and durability; used on fairways, tees and roughs
Fairway (machined)	Manufactured using a proprietary heat treating process	Best	Maximum performance and durability for excellent hole quality and longest life; used on fairways, tees and roughs

Bunker and Field Rakes

Give your course the finish it deserves



The 1200A has been delighting golf course greenkeepers and sports field managers for a long time running. It's easy to see why. Start with a similar job-proven drivetrain found in our popular Gator™ T-Series. The engine runs at an easy 3,600 rpm. This, along with a solid muffler and cowl design, significantly reduces machine noise. Not only is the 1200A efficiently designed, it's also high in ergonomics. An adjustable high-back seat, standard powerlift of the rear rake, counterbalanced front- and mid-mounted implements and an external-fill fuel tank.

Thanks to a three-wheel-drive hydrostatic powertrain, the 1200 Hydro has plenty of torque to push or pull heavy loads. An 8-to-1 steering ratio helps you make tight turns in the bunker. You'll tread lightly as well, thanks to high-flotation tyres. Operating in comfort is never in question on the 1200 Hydro with an adjustable seat and easily accessible controls.



Rear rake

Rear rake delivers excellent coverage and is simple to detach from the hitch to change tools.



Front blade

Front blade on the 1200A is designed for easy lifting and lowering.



Instrumentation

Instruments and controls are positioned for easy reach and visibility.



Powerlift

Powerlift is standard on the 1200A. Flipping a switch is all it takes to raise and lower the rake or other rear implement.

Cargo basket

Stash gear, snacks and more in a handy rear cargo basket.

Bunker and Field Rake

1200A



1200 Hydro



Engine		
Type	4-cycle, air-cooled	Air-cooled
Maximum rated power, kW (hp)	8.2 (11*) at 3,600 rpm	11.9 (16*) at 3,600 rpm
Cubic capacity, cc	401	480
Compression ratio	8.4:1	8.5:1
Lubrication	Full-pressure	Full-pressure
Oil capacity, L	1.3	1.4
Oil filter	Standard	Standard
Spark arrester muffler	Standard	Standard
Idle speed, rpm	1,175 ± 75 low speed 3,100 ± 75 fast speed	1,750 low speed 3,100 fast speed (low load)
Electrical system		
Type	12 volt, 13-amp regulated	12 volt, 16 amp
Battery	12 volt, 38-amp hour	12 volt, 500 CCA
Starter	Electric	Electric
Ignition	Transistor type	Transistor type
Light kit	Available	Available
Fuel system		
Tank capacity, L	13.6	14.8
Fuel pump	Diaphragm type	Diaphragm type
Fuel required	Regular leaded or unleaded petrol	Unleaded petrol
Transmission		
Type	Belt-driven torque converter with Kanzaki gear-driven transaxle	Hydrostatic with 3 hydraulic wheel motors
Fluid capacity, L	2.3	12.2
Travel speed		
Forward or reverse, km/h	Variable, 0–20.6	Variable, forward 0–16.1 Variable, reverse 0–6.4
Brakes		
Type	Mechanical operated disc with park brake	Dual rear wheel parking brakes; dynamic braking provided by closed loop hydrostatic powertrain
Tyres		
Front	One 22.5 x 10–8, 2 PR high flotation	One 22 x 11 x 8 NHS 34.5 kPa, 5 psi
Rear	Two 25 x 12–9, 2 PR high flotation	Two 22 x 11 x 8 NHS 34.5 kPa, 5 psi
Dimensions		
Width, mm (in.)	1,473 (58)	1,422.4 (56)
Height, mm (in.)	1,041 (41)	1,117.6 (44)
Length, mm (in.)	1,676 (66)	1,676 (66)
Wheelbase, mm (in.)	1,054 (41.5)	1,193.8 (47)
Ground clearance at rake attachment, mm (in.)	241 (9.5)	241 (9.5)
Turning radius, mm (in.)	305 (12)	Zero
Weight (approx.), kg (lb.)	263 (580)	449 (990)
Rear-hitch towing capacity, kg (lb.)	227 (500)	–

Attachments

Rake	Rear-mount, powerlift control
Width, mm (in.)	1,981 (78)
Weight, kg (lb.)	20 (44)
Blades	Five-section, bunker or field
Prong rake, mm (in.)	Three-section, 24 prongs 25 to 76 (1 to 3) adjustment 10 blades, hand control with 5-position depth adjustment
Cultivator	
Width, mm (in.)	1,626 (64)
Weight, kg (lb.)	20 (44)
Front blade	Optional, hand control with lock-up position
Width, mm (in.)	1,016 (40)
Height, mm (in.)	152 (6)
Weight, kg (lb.)	21 (46)
152 cm (60 in.) aluminium front blade	
Width, mm (in.)	1,524 (60)
Height, mm (in.)	263 (10.25)
Weight, kg (lb.)	3.7 (8)
Articulating, front-mount core-removal blade	Optional, hand control with lock-up position
Width, mm (in.)	1,231 (48)
Height, mm (in.)	237 (9.25)
Weight, kg (lb.)	10.9 (24)
Wide- and narrow-interval scarifier tynes attachment	
Width, mm (in.)	Wide – 1,606 (63.25); Narrow – 1,574.8 (62)
Tynes, mm (in.)	Wide – 20 tynes, 89 (3.5) long; Narrow – 35 tynes, 89 (3.5) long
Mid-mount 164.9 mm (64.5 in.) scraper blade attachment	
Width, mm (in.)	1,649 (64.5)
Height, mm (in.)	144 (5.625)
Weight, kg (lb.)	9.5 (21)
Rear-mounted 152 cm (60 in.) field finisher	
Width, mm (in.)	1,524 (60)
Length, mm (in.)	355.6 (14)
Weight, kg (lb.)	19.5 (45)
Hydraulic pump package	
Couplers	Two female, comply with ANSI ASAE S418 Standard
Activation	Switch
Weight, kg (lb.)	5.2 (11.4)

Gator Utility Vehicles

Engineered to endure – designed to go the distance



With an impressive payload capacity of up to 1,535 kg, the ProGator™ utility vehicles are real heavyweight performers. Yet thanks to power steering and a tight turning radius, they're agile and easy to drive too.

Since versatility is always an advantage, they qualify for a whole range of disciplines. Try one and see!

Hauling

The build quality of the ProGator is second-to-none, with a durable 7-gauge steel frame engineered for heavy loads. It offers exceptional ground clearance with a full load. The front and rear leaf springs ensure a smooth ride, while the solid transaxle adds strength and durability.

Versatility

There's plenty to do around a golf course and the ProGator is always ready for whatever comes its way with plenty of labour-saving, performance-enhancing options to choose from. Including spraying and top dressing options.

ProGator Utility Vehicles



ProGator 2020A

 25.4 kW (34 hp*) Petrol engine
 Displacement: 970 cc
 Speed: 31 km/h
 Four-wheel drive, optional
 Rear suspension: Dual leaf springs and shocks
 Towing capacity: 680 kg
 Cargo capacity: 907 kg

- Tight turning radius
- Low centre of gravity
- Five-speed synchromesh transmission
- Road homologation (optional)

ProGator 2030A

 16.5 kW (22.1 hp) Diesel engine
 Displacement: 1,115 cc
 Speed: 31 km/h
 Four-wheel drive, optional
 Rear suspension: Dual leaf springs and shocks
 Towing capacity: 680 kg
 Cargo capacity: 907 kg

- Tight turning radius
- Low centre of gravity
- Five-speed synchromesh transmission
- Road homologation (optional)



Auxiliary hydraulics

With auxiliary hydraulics onboard, your ProGator can power top dressers, sprayers and a wide range of other hydraulically powered implements.



Good top dressing is half the battle

The TD100 Top Dresser features a seamless conveyor belt up to 538 litre capacity. What's more, the hopper is made of galvanised steel.

Gator TX & TX Turf



Our quiet Gator TX models tread softly, yet have all the power and capacity you need to do a thousand jobs faster and more effectively.

Both models have high flotation turf tyres and a payload capacity of 454 kg. The TX has a powerful 675 cc engine, while the TX Turf has 400 cc – plus a foot pedal start that’s so practical, you’ll wonder how you managed without it.



Flatbed

Cargo box sides can be removed in minutes to convert the box to a flatbed.



Cargo box side extension (optional)

A four-sided structure that increases the side height of the cargo box to 610 mm and doubles the volume up to 920 litres.



TX

 11.6 kW (15.5 hp*) petrol engine
 Displacement: 675 cc
 Speed: 32 km/h
 Rear suspension: Semi-independent coil-over shocks
 Towing capacity: 454 kg
 Cargo capacity: 272 kg

- Low centre of gravity
- Deluxe cargo box
- All-wheel disc brakes
- Road homologation (optional)



TX Turf

 10.1 kW (13.5 hp*) petrol engine
 Displacement: 400 cc
 Speed: 25 km/h
 Rear suspension: Semi-independent coil-over shocks
 Towing capacity: 454 kg
 Cargo capacity: 272 kg

- Low centre of gravity
- Deluxe cargo box
- All-wheel disc brakes
- Road homologation (optional)
- Foot pedal start



Tailgate

Pick-up style tailgate folds out to 90 degrees and down a full 150 degrees. The latch can be operated with one hand.



Tyres

High flotation tyres allow this Gator to work hard without scuffing the turf.

Gator TE



TE

Golf courses, work premises, enclosed spaces ... when quiet operation and zero emissions are the order of the day, the Gator TE really delivers. And thanks to impressive features like powerful batteries, rapid torque rise and a multifunctional deluxe cargo box, you can go electric without compromising on power or functionality.

	Electric engine
	Speed: 24 km/h
	Rear suspension: Two high-flotation tyres, low-pressure tyres (solid axle)
	Towing capacity: 273 kg
	Cargo capacity: 272 kg

- Super-quiet electric operation
- Zero emissions
- Road homologation (optional)



Super-quiet electric power

Thanks to eight high-capacity batteries, the Gator TE can work hard for 7–8 hours between charges – all with zero emissions and practically no noise.



Hard worker

Don't be deceived by the Gator TE's quiet exterior. With solid, 1-piece forged axles, a cast aluminium rear-axle housing and a deluxe cargo box for 272 kg, it's built for hard work in extreme conditions.

ProGator™
Work Series
ProGator 2020A/2030A



Engine	
Type	970 cc, 3-cylinder petrol/ 1,115 cc, 3-cylinder diesel
Maximum rated power, kW (hp)	25.4 (34*) at 3,600 rpm/ 16.5 (22.1) at 3,200 rpm
Cooling system	Liquid
Fuel tank, L	30.3
Power steering	Yes
Four-wheel drive	Yes, optional
Drive system	
Type	5-speed synchromesh with five forward gears and one reverse gear
Forward ground speed, km/h	0–31
Differential lock	Standard, hand-operated
Brakes	Front/rear hydraulic disc
Suspension, front	Dual leaf springs and shocks
Suspension, rear	Dual leaf springs and shocks
Suspension travel, mm	–
Dimensions	
Dimensions (W x L x H), mm	1,586 x 3,285 x 1,936
Weight (including fluids), kg	919/915 (Base machine, no driver, no passenger, no loaded attachment, and 4WD with standard suspension)
Towing capacity, kg	680
Payload capacity, kg	1,530 / 1,535 (4WD version with standard suspension and two-post ROPS)
Ground clearance	Under transaxle: 168
Deluxe cargo box	
Type / Material	Steel
Dimensions (L x W x D), mm	1,600 x 1,283 x 267
Volume, L	570
Capacity, kg	907
Tyres	
Front	23 x 10.50–12, 4 PR Industrial Trax 22 x 9.50–12, 4 PR Smooth Tyres
Rear	26 x 12.00–12, 4 PR MultiTrac C/S 26 x 14.00–12, 4 PR MultiTrac C/S 26 x 14.00–12, 4 PR Smooth Tyres 26 x 14.00–12, 4 PR Fairway Tyres
Colours	Green and yellow
Seating capacity	2

T-Series
Work Series
TX/TX Turf **TE**



675 cc / 400 cc, 2-cylinder/1-cylinder, 4-cycle petrol	48 VDC Separately Excited, electric
11.6 (15.5') at 3,200 rpm / 10.1 (13.5') at 3,250 rpm 98 / 67 / EC	48 V with 8 Trojan T-145 batteries
Air	NA
18.9	NA
NA	NA
No	No
Continuously Variable Transmission (CVT)	
NA	NA
0–32 / 0–25	0–24
Standard, hand-operated	
All-wheel hydraulic disc	Dual rear wheel mechanical drum
Independent spring-over shocks, single A-arm suspension	Independent spring-over shocks, single A-arm suspension
Semi-independent coil-over-shock suspension	Two high-flotation tyres, low-pressure tyres (solid axle)
127 front & 76 rear	127 front
Dimensions	
1,525 x 2,847 x 1,108 / 1,525 x 2,847 x 1,209	1,525 x 2,728 x 1,130
508 / 501	667 w / batteries
454	273
454	490
Under transaxle: 145 Under foot platform: 270	Under foot platform: 185
Deluxe (Polypropylene side panels and tailgate; steel floor and load guard)	
1,143 x 1,320 x 305	1,143 x 1,320 x 305
460	460
272	272
Tyres	
22 x 9.5–10, 4 PR Cayman AT (All Terrain – only available on TX) 22 x 9.5–10, 4 PR Cayman Turf 22 x 9.5–10, 4 PR Cayman XT (Xtreme Terrain – only available on TX)	22 x 9.5–10, 4 PR Cayman Turf
24 x 10.5–10, 4 PR Cayman AT (All Terrain – only available on TX) 24 x 12–10, 4 PR Cayman Turf 24 x 12–10, 4 PR Cayman XT (Xtreme Terrain – only available on TX)	24 x 12–10, 4 PR Cayman Turf
Green and yellow	Green and yellow
2	2

HD200/HD300 SelectSpray™



Let the water flow: That's no problem with the 757/1,136 litre capacity of the HD200/HD300 sprayers. With a range of booms measuring 4.6 m, 5.5 m and 6.4 m, there's no shortage of choice, either!



Centrifugal pump

Pumping action is delivered by a rotating impeller. Perfect for applications that demand higher flow rates and lower pressure. This proven, high-quality pump can be intermittently run dry without failing its seal.



Diaphragm pump (optional)

Positive displacement pump made for long life and easy service. Ideal for applications that demand higher pressures, such as walking spray booms or nozzle selections that require high pressure.



Efficient routing

We fit pressure balancing valves as standard, so the system pressure stays constant when you turn individual boom sections off and on. To make plumbing simpler, we keep hoses short and combine throttling valves and strainer bypass lines.



Easy troubleshooting

There are just two primary valve bank assemblies: a pressure regulator assembly (jet agitator, self-cleaning line strainer and pressure regulator valve) and a boom valve assembly (three electric boom valves with self-balancing valves, one manual valve for hose reel/walking boom).

Sprayer

HD200/HD300 SelectSpray

Machine	
Tank	High density, polyethylene tank with quick-fill attaching point; anti-siphoning, low centre of gravity
Frame	Welded steel
Rated capacity, L	757 / 1,136
Agitation	Jet agitation adjusted by proportional control valve; 7.9 mm ($\frac{5}{16}$ in.) orifice
Pressure/flow regulator	Electric
Filter	100-mesh; self-cleaning
Boom shut-off valves	Electric
Throttling valves	Standard; adjustable
Centrifugal pump	
Construction	Stainless steel
Seal type	Life guard silicone-carbide
PTO	Hydraulically driven motor powered by ProGator™ auxiliary hydraulic pump
Max. flow, L/min	367
Max. pressure, psi	95
Optional diaphragm pump	
Number of diaphragms	3
Lubrication	Oil
PTO	Hydraulically driven motor powered by ProGator auxiliary hydraulic pump
Max. flow, L/min	113.9
Max. pressure, psi	290
Relief pressure, psi	200; adjustable
Controls	
Optional manual controller	
Type	Weather-resistant control box with electronic control switches and liquid pressure gauge; removable without tools for storage
Switches on control box	Individual boom on / off, boom master, foam marker, boom lift / lower, pressure increase / decrease
Liquid gauges, psi	100 gauge for centrifugal pumps; 300 for diaphragm pumps
Optional automatic rate controller	
Type	Weather-resistant control box with electronic control switches and digital pressure display; removable without tools for storage
Switches on control box	Individual boom on / off, boom master, foam marker, boom lift / lower, pressure increase / decrease
Pressure sensor, psi	0–363
Gauges	Digital speed, digital pressure, digital tank sight gauge and digital flow rate on rate controller screen
Rate control	Constant pressure or constant flow can be selected
Booms	
Construction	Heavy-duty, 14-gauge square tube construction
Number of sections	3
Breakaway	Bidirectional (forward and backward)
Boom height	Adjustable
Lift system	Electro-hydraulic; standard
Width, m (ft.)	18 (5.5) or 15 (4.6) / 21 (6.4) (extensions unfolded)
Nozzle configuration	Triple nozzle bodies
Optional foam marker	
Type	Electric
Pump	Individual air and liquid pump, solution mixes at foamer head
Rate	Adjustable with no tools by turning rotary knob on foamer box
Mounting	
Type	3-pin sprayer to ProGator frame
Removal	3-pins, disconnect three electrical connectors and two hydraulic lines for easy removal without tools
Storage	Optional demount stands
Dimensions 5.4 m (18 ft.) boom	
Boom height (wings raised), cm (in.)	244 (96)
Boom width (wings raised), cm (in.)	167 (66)
Boom width (wings lowered), cm (in.)	514 (203)
Dimensions 4.5 m (15 ft.) / 6.4 m (21 ft.) boom	
Boom height (wings raised and extensions folded), cm (in.)	178 (70)
Boom width (wings raised and extensions folded), cm (in.)	244 (96)
Boom width (wings raised), cm (in.)	231 (91)
Boom width (wings lowered and extensions folded), cm (in.)	478 (188)
Boom width (wings lowered and extensions extended), cm (in.)	615 (242)

Compact Utility Tractors

Meet the champions



3R & 4R Series

Our 3R and 4R Compact Utility Tractors offer you more than ever before. On top of proven technology and legendary build quality, they now come with 4WD, a digital performance tracking system and an incredible electric power management system we call 'LoadMatch™'. Plus car-style controls, smooth transmissions and the best ergonomics in the industry.

The 3R and 4R Series are ideal for golf course maintenance and are part of our comprehensive tractor range for all industries and requirements.

3R Series

 24.1 - 32.8 kW (33 - 45 hp)
 eHydro™ two-pedal automatic
 Mid chassis
 Lift capacity: 1,148 kg
 Towing capacity: 4,000 kg
 Weight: 1,400 kg / 1,700 kg
 PTO: Standard rear and mid (optional front)
 Mower deck

4R Series

 36.2 - 48.5 kW (49 - 65 hp)
 eHydro two-pedal automatic
 Mid chassis
 Lift capacity: 1,148 kg
 Towing capacity: 4,000 kg
 Weight: 1,400 kg / 1,700 kg
 PTO: Standard rear and mid (optional front)



Versatility

Whatever the weather, whatever the task, the 3R is ready to go. Thanks to LoadMatch power management, matching performance to the job at hand couldn't be easier.



Pull or push

The 4R has the power and control you need to run a wide range of attachments accurately and easily.

3R Series

3033R



3038R



3045R



Engine			
Type	3-cylinder diesel	3-cylinder diesel Turbocharged	3-cylinder diesel Turbocharged / Intercooler
Maximum rated power as per 97/68/EC, kW (hp)	24.1 (33) at 2,600 rpm	27.3 (37) at 2,600 rpm	32.8 (45) at 2,600 rpm
Maximum rated power as per ECE-R24, kW (hp)	23.1 (31) at 2,600 rpm	26.6 (36) at 2,600 rpm	33 (44) at 2,600 rpm
Rated PTO kW (hp)	19 (25)	23 (30)	26 (35)
Displacement, L	1.6	1.5	1.5
Max torque, Nm at rpm	107 at 1,200	116 at 1,400	137 at 1,560
Air cleaner	Dry type w/ safety element and restriction indicator light	Dry type w/ safety element and restriction indicator light	Dry type w/ safety element and restriction indicator light
Fuel tank capacity, L	Open station – 51 Cab – 45	Open station – 51 Cab – 46	Open station – 51 Cab – 47
Drivetrain			
Transmission – Gear	NA	12x12 PowrReverser™	NA
Transmission – eHydro™	eHydro two-pedal automatic	eHydro two-pedal automatic	eHydro two-pedal automatic
Max. speed, km/h	30.6	30.6	30.6
Clutch eHST	No	No	No
Clutch PowrReverser	NA	Wet multi-disc	NA
Brakes	Wet disc	Wet disc	Wet disc
Steering	Power steering	Power steering	Power steering
Differential lock	Standard	Standard	Standard
Four-wheel drive	Standard	Standard	Standard
Hydraulic system			
Type	Open centre	Open centre	Open centre
Total flow, L/min	52.5	52.5	52.5
Implement, L/min	32.5	32.5	32.5
Steering, L/min	20	20	20
Hitch			
Category 1, 3pt hitch	Standard	Standard	Standard
Lift capacity at lift points, kg	1,148	1,148	1,148
Lift capacity 610 mm (24 in.) behind lift ends, kg	999	999	999
PTO			
Type	Independent	Independent	Independent
Location	Standard rear, mid** standard and front optional	Standard rear, mid** standard and front optional	Standard rear, mid** standard and front optional
Speed	540 rear	540 rear	540 rear
Clutch / Brake	Wet multi-disc	Wet multi-disc	Wet multi-disc
Safety			
ROPS / Cab	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards
Driver safety system			
– PTO brake	Standard	Standard	Standard
– Operator present	Standard	Standard	Standard
Dimensions			
Total length with 3pt hitch, mm	3,230	3,230	3,230
Total width, mm	1,323–1,728	1,323–1,728	1,323–1,728
Wheelbase, mm	1,727	1,727	1,727
Height with ROPS, mm	2,332–2,370	2,332–2,370	2,332–2,370
Height with cab, mm	2,257–2,278	2,257–2,278	2,257–2,278
Weight empty with ROPS / with cab, kg	1,400 / 1,700	1,400 / 1,700	1,400 / 1,700
Total permissible weight, kg	3,180	3,180	3,180
Front axle, kg	1,450	1,450	1,450
Rear axle, kg	2,000	2,000	2,000
Towing capacity, kg	4,000	4,000	4,000
Tyres			
Turf – R3			
– Front	27x8.50–15 6PR	27x8.50–15 6PR	27x8.50–15 6PR
– Rear	41x14–20 6PR	41x14–20 6PR	41x14–20 6PR
Golf			
– Front	25x10.50LL–15 6PR	25x10.50LL–15 6PR	25x10.50LL–15 6PR
– Rear	41LLx18–16.1 6PR	41LLx18–16.1 6PR	41LLx18–16.1 6PR
Industrial – R4			
– Front	25x8.50–14 6PR	25x8.50–14 6PR	25x8.50–14 6PR
– Rear	15–19.5 6PR	15–19.5 6PR	15–19.5 6PR
Industrial – R4			
– Front	27x8.5–15 6PR	27x8.5–15 6PR	27x8.5–15 6PR
– Rear	43x16.00–20 4PR	43x16.00–20 4PR	43x16.00–20 4PR
AG – R1			
– Front	7.00–14 6PR	7.00–14 6PR	7.00–14 6PR
– Rear	11.2–24 6PR	11.2–24 6PR	11.2–24 6PR

**On PowrReverser optional

4R Series

4049R



4066R



Engine		
Type	4-cylinder diesel Turbocharged	4-cylinder diesel Turbocharged / Intercooler with diesel particulate filter
Maximum rated power as per 97/68/EC, kW (hp)	36.2 (49) at 2,600 rpm	48.5 (65) at 2,600 rpm
Maximum rated power as per ECE-R24, kW (hp)	33.5 (46) at 2,600 rpm	46.6 (63) at 2,600 rpm
Rated PTO kW (hp)	27.5 (36.9)	40.2 (54)
Displacement, L	1.995	2.091
Max. torque, Nm at rpm	156 at 1,700	207 at 1,690
Air cleaner	Dry type, two stage	Dry type, two stage
Fuel tank capacity, L	Cab – 52	Cab – 52
Drivetrain		
Transmission – Gear	NA	NA
Transmission – eHydro	eHydro two-pedal automatic	eHydro two-pedal automatic
Max. speed, km/h	32.8	32.8
Clutch eHST	No	No
Clutch PowrReverser	NA	NA
Brakes	Wet disc	Wet disc
Steering	Power steering	Power steering
Differential lock	Standard	Standard
Four-wheel drive	Standard	Standard
Hydraulic system		
Type	Open centre	Open centre
Total flow, L/min	60.2	60.2
Implement, L/min	38.7	38.7
Steering, L/min	21.5	21.5
Hitch		
Category 1, 3pt hitch	Standard	Standard
Lift capacity at lift points, kg	1,420	1,420
Lift capacity 610 mm (24 in.) behind lift ends, kg	1,134	1,134
PTO		
Type	Independent	Independent
Location	Standard rear/Front optional	Standard rear/Front optional
Speed	540 rear	540 rear
Clutch / Brake	Wet disc	Wet disc
Safety		
ROPS / Cab	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards
Driver safety system		
– PTO brake	Standard	Standard
– Operator present	Standard	Standard
Dimensions		
Total length with 3pt hitch, mm	3,318	3,318
Total width, mm	1,806–1,987	1,806–1,987
Wheelbase, mm	1,854	1,854
Height with ROPS, mm	NA	NA
Height with cab, mm	2,474	2,474
Weight empty with ROPS / with cab, kg	NA / 2,120	NA / 2,120
Total permissible weight, kg	4,000	4,000
Front axle, kg	1,600	1,600
Rear axle, kg	2,400	2,400
Towing capacity, kg	5,000	5,000
Tyres		
Turf – R3		
– Front	27 x 10.50–15	27 x 10.50–15
– Rear	44 x 18.00–20	44 x 18.00–20
Golf		
– Front	27 x 12LL–15	27 x 12LL–15
– Rear	22.5LL–16.1	22.5LL–16.1
Industrial – R4		
– Front	10.00–16.5	10.00–16.5
– Rear	16.9L–24	16.9L–24
Industrial – R4		
– Front	–	–
– Rear	–	–
AG – R1		
– Front	8.00–16	8.00–16
– Rear	13.6–28	13.6–28



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*The 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 manufacturer's web site for additional information.