

# Golf & Sports Portfolio



**JOHN DEERE**  
GOLF







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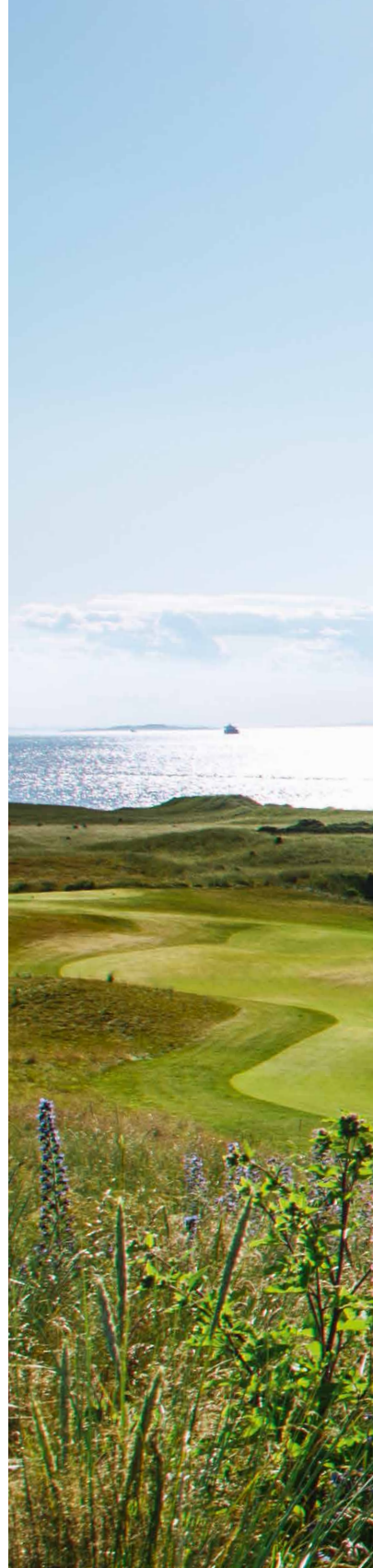
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# Golf is more than a game

It's a celebration of the same virtues that have defined our company ever since it was founded in 1837: precision, consistency and unwavering attention to detail. Since 1987, John Deere Golf has built a tradition of trust and excellence on golf courses all over the world.



Clearwater Golf Course —  
Christchurch NZ



The Renaissance Club,  
North Berwick,  
United Kingdom

When you work where others play, you need a partner you can trust to keep your course in perfect condition. John Deere Golf can help – with top quality machines and support, forward-looking technology and our ongoing commitment to this incredible game.



OFFICIAL  
GOLF COURSE  
EQUIPMENT  
SUPPLIER



JOHN DEERE  
CLASSIC

# All-round support

From advice and sales to maintenance and repairs, your local John Deere dealer has everything you need to keep your investment running like clockwork. Find your nearest John Deere dealer today at [dealerlocator.deere.com](http://dealerlocator.deere.com)



## A global community

The people at your local John Deere dealership are always there for you – with personal service you can rely on. As part of the John Deere community, they combine their own individual style with all the benefits of a strong global company.



**JOHN DEERE**  
FINANCIAL

## Tailor-made financing

John Deere Financial has been helping customers grow their businesses for more than 150 years. Based on our unique understanding of your market and the challenges you face, we offer competitive, tailor-made financing for the machines you need to raise your game.

Your local John Deere dealer can help you choose the options that suit your business best. Why not drop in for a chat?





### Our experts: know more, see more

Your uptime is our priority. Keep your machine running like a Deere with an Expert Check by our certified technicians. They perform comprehensive technical diagnostics, using John Deere Service ADVISOR™, up-to-date factory checklists and field data that are exclusive to John Deere dealers. Our experts are there to offer advice on the latest field kits, attachments and machine optimisation to help maximise your uptime, investment and productivity.



### Genuine and guaranteed

Your local John Deere Dealer offers a comprehensive parts inventory, highly trained service technicians, and the expertise to help you get the most out of your equipment. All John Deere O.E.M parts sold carry a 6-month warranty.



# PowerGard™ protection plan

## Relax — you're covered

Powergard Protection Plan offers valuable extended warranty coverage to protect you from unforeseen future repair bills and the costly downtime that a breakdown can cause.

### Protection plan coverage

#### Limited

Coverage for main components of the engine and powertrain

#### Comprehensive

Comprehensive coverage for main components of the full machine

# Features

At John Deere, innovation runs in the family

As we drive into the future, we all experience changes. With these changes come new opportunities 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.



## All wheel grip

For sure-footed performance on hillsides or when climbing, our GRIP system transfers hydraulic flow instantly from wheels that slip to those with grip (on all A-series 4WD machines).



# Hybrid technology

## E-Hybrid

Choose from the widest range of hybrids in the industry. They're powered by our proven E-Cut™ technology, and backed by over a decade of experience on fairways and greens all over the world.

### Superior cut quality

All our hybrids feature hardened reels and a special contour-hugging design – plus individual electric controllers for a more consistent frequency of clip.



### 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.



### Cutting out the worries

There's virtually no risk of a hydraulic oil leak from the reel circuit – and no overheating, since the controllers are separate from the motors.

\* 4 year warranty on hybrid components. Terms & conditions apply. Contact your local dealer for further information.

# Reels

## Speed Link™

Speed Link™ makes precision-adjusting the reels on a John Deere greens, trim or fairway mower easy and fast. This ingenious system lets you adjust the cutting height to both sides of the cutting unit at once.



### How it works

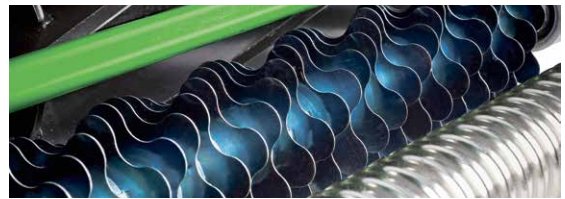
A linking bar connects both sides of the rear roller to a high-reduction ratio worm gear. All you need to make 1/1,000th of an inch adjustments is a cordless drill or a 16 mm spanner.



**High Density Turf Brush:** Help stand the grass plant up vertical prior to cutting and increase the appearance of the mower stripe on the green.



**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 more vigorous turf density.



**Rear roller power brush:** Stops grass clippings and other debris from accumulating on the rear roller.

# Interface and handling

## TechControl™

Available on all A Model Fairway, Rough and Trim and Surround Mowers, TechControl™ will change the way you and your team take care of your course.

### Speed settings

**Mow Speed** – Press the 'Hare' or 'Tortoise' icon buttons to set a higher or lower mow speed.

**Turn Speed** – Set a lower speed to reduce scuffing when the cutting units are raised and lowered between passes.

**Transport Speed** – Press the 'Hare' or 'Tortoise' icon buttons to set your operator's transport speed on paths.

### LoadMatch™

If the cutting units or decks come under heavy load while mowing, the machine's traction speed will slow, allowing cutting units or decks to maintain cut quality. Not available on E-Cut Hybrid models.

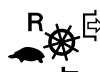
### Fast and accurate diagnostics

**Service reminders** – technicians can set service timers to indicate when it's time to change hydraulic and engine oil.



### Diagnostic Trouble Codes

Diagnostic Trouble Codes (DTCs) are now stored within the TechControl to aid the technician in the field. Technicians can preset service reminders on the machine as well.



### Back lap

Backlapping for E-Cut Hybrids is now electronically engaged and controlled through the TechControl display.



### I/O status

The Input/Output status screens will display open and closed circuits, helping to pinpoint where an issue may be occurring.



# Walk-Behind Greens Mowers

Fewer steps to a perfect green

The quality of your greens is one of the first things people notice. Our walk-behind greens mowers deliver a gentle, precise cut that players and crews find equally impressive – plus outstanding productivity for years on end.





**Fast, accurate adjustments**

Set your height-of-cut in half the time with Speedlink, our smart solution for busy professionals. Simply adjust one end of the roller and the other follows automatically, eliminating the risk of an uneven finish. The precision settings give you full control over your machine, and you can even use your power drill instead of a socket wrench.



**14-Blade cutting unit**

The frequency of clip is determined by a combination of the reel speed, mowing speed & the number of blades on the reel. We offer a choice of 7, 11 & 14 blade units to meet your individual requirements.



**DT rotary turf brush**

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

**Simple operator control**

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

# E-Cut™ Hybrid

## 180E & 220E Walk-Behind Greens Mowers

These walk-behinds offer unrivalled contour following, all the benefits of electric reels – plus a choice of 457 mm (18 in) or 558 mm (22 in) cutting width on 180 and 220 E-Cut models.



### 180E & 220E

2.6 kW (3.5 hp) at 3,600 rpm
Electric motor drive reel cutting unit
457 mm (18 in) or 558 mm (22 in) in cutting widths
Standard reels, 11 blades, 127 mm (5 in)
Adjustable frequency of clip

### Consistent frequency of clip

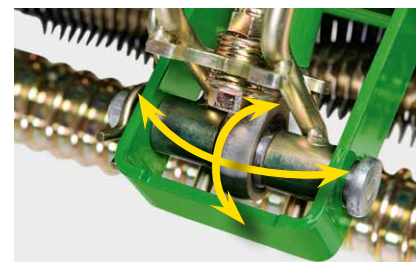
Electric reel drive means you always work at an ideal 2,200 rpm, even on gradients or when the engine load changes. And when you need to backlap, just press a button to reverse the reel direction – no need to remove a reel or fit a separate motor.



**Adjustable contouring:** The limit chains on the 180 E-Cut Greens Mower 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.



**Signature ball joint:** The ball-joint design and electric reel drive system allow maximum movement for excellent contour following.

# SL PrecisionCut™

## 180SL, 220SL & 260SL Walk-Behind Greens Mowers

Consistently smart – all of the SL PrecisionCut walk behind greens mowers feature a dual chain drive and forward mounted pivot point to minimise operator influence on front roller pressure and help deliver the most consistent cut possible.



### 180SL, 220SL & 260SL

2.6 kW (3.5 hp) at 3,600 rpm
457 mm (18 in), 558 mm (22 in) or 660 mm (26 in) cutting widths
Standard reels, 11 blades, 127 mm (5 in.)
Adjustable frequency of clip

### Greens Tender Conditioner (GTC) and Rotary Turf Brush

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.



**Out-front push brush\***: This adjustable, top quality push brush stands grass up prior to cutting for a stronger stripe.

\* Not for 260SL



**22B utility trailer**: The multi-angle ramp makes it easy to transport walk behind mowers to the next green.



### Superior collection

The large direct-mounted grass catcher has an aerodynamic design for optimum air flow. This means what goes in, stays in.

# Riding Greens Mowers

2400 PrecisionCut, 2550 PrecisionCut, 2700 PrecisionCut,  
2750 PrecisionCut, 2550 E-Cut, 2700 E-Cut, & 2750 E-Cut

With their rugged tubular steel frames, low profile tyres and a wide footprint, our riding greens mowers go easy on your precious turf. The spacious operator stations and easy-access design take the pressure off operators and service techs too.







### Reduce double rolling

The tyres are located well inside the cutting units to reduce or eliminate pass-to-pass wheel overlap during straight line mowing (2400 and 2550 models only).

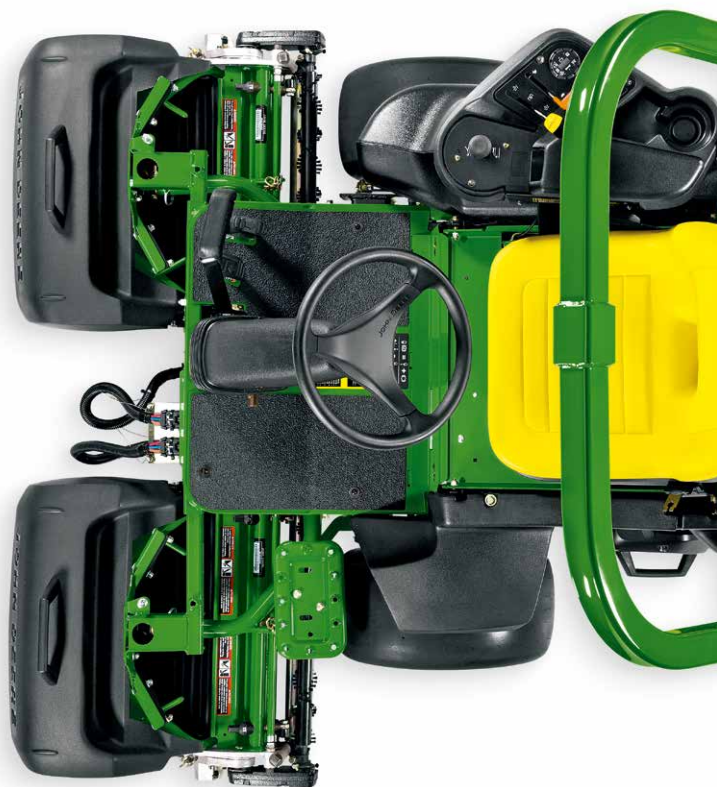


### Lighter on greens

The lightweight 2700 and 2750 models are specially designed to keep compaction to a minimum on your precious greens.

### Superb contour following

With 18 degrees of steering and 42 degrees of contour following, 2700, and 2750 PrecisionCut and E-CUT Hybrid Triplex Mowers ensure an even cut even on undulating terrain.



### Exclusive offset design

The offset cutting units greatly reduce triplex ring with a simple change in direction (2400 and 2550 models).

### Frequency of clip control

Combine TechControl Display with the industry's only frequency of clip control on hydraulic mowers and an unprecedented level of cut consistency is in your hands (2700 and 2750 models only).





### Tender loving care for your greens

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



### The choice is yours

Our 2550, 2700, and 2750 mowers come in two versions: one fully hydraulic, the other with cutting units powered by electricity. While both versions share many of the same great features, the alternator-powered reels on our E-Cut models have additional benefits too. These include rock-steady reel speeds, quieter, more fuel-efficient operation – an almost no risk of hydraulic leaks.



### Easy access

All grass boxes offer adjustable handle orientation and easy access, especially the centre one with its open platform frame. The asymmetric design improves collection performance. The hook is designed for easy removal but at the same time keeping the box in position while in transport. Available in black, or yellow for improved visibility (2700 and 2750 models only).

### Catch it all

Depending on your course, choose either a grass catcher that optimises cut height consistency by moving around two-thirds of the weight to the lift arm, or an easy-access catcher that mounts directly on the frame (2400 and 2550 models only).



### Rear roller power brush

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



## 2400

14.2 kW (19 hp) at 3,600 rpm, EFI petrol
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal hydrostatic transmission



## 2550

14.6 kW (19.9 hp) at 3,000 rpm, Diesel
Hydraulic reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal hydrostatic transmission

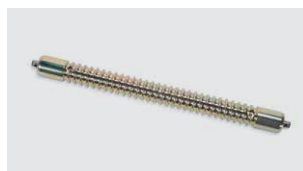


## 2550 E-Cut Hybrid

14.6 kW (19.9 hp) at 3,000 rpm, Diesel
Electric reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal hydrostatic transmission



**Cutting units:** Choose from 7, 11 & 14-blade units to fine-tune clip frequency, in combination with reel speed and mower speed.



**Rollers:** Available in 50.8 mm (2 in), 63.5 mm (2.5 in), and 76.2 mm (3 in) smooth, machine grooved with solid end caps or machine spiral rollers.



**Balloon tyre (optional):** These rounded balloon tyres tread lightly and reduce sidewall deflection – for an exceptional finish with fewer tyre tracks.



## 2700

14.2 kW (19 hp) at 3,600 rpm, EFI petrol
Hydraulic reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal, electronic transmission



## 2700 E-Cut

14.2 kW (19 hp) at 3,600 rpm, EFI petrol
Electric reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal, electronic transmission



## 2750

14.6 kW (19.6 hp) at 3,000 rpm, diesel
Hydraulic reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal, electronic transmission



## 2750 E-Cut

14.2 kW (19 hp) at 3,600 rpm, EFI petrol
Electric reel motors
1.58 m (62 in) cutting width
3-QA5 559 mm (22 in) cutting units
Bedknife-to-reel adjustment
2-pedal, electronic transmission

# Fairway Mowers

Reliable and clean high tech

Whether conventional or hybrid, all our fairway mowers are designed for a premium cut and outstanding after-cut appearance. Thanks to the TechControl System, every operator can achieve a championship finish every time.





## eHydro™ System

The eHYDRO transmission on our A-model ensures next-level performance, traction and comfort. Together with Cruise Control and Turn Speed Management, this intelligent system helps reduce fatigue and increase operator comfort – for smooth, consistent productivity even in challenging conditions.



## 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.



**Power to spare:** Our clean-burning engines pack plenty of power, right up to the mighty 4-cylinder diesel 8700A.

**Hydraulic internal wet disc brakes:** With no linkages and no adjustments, our A-model brake systems reduce routine maintenance significantly.

**Flawless after-cut appearance:** To minimise the risk of waves in the turf, we made the hydraulic down pressure adjustable and optimised the cutting unit attachment points. The front-to-rear tyre alignment ensures consistency across the mowing pass.

## TechControl

The passcode-protected TechControl display puts operator control and consistency at your fingertips. You can preset the remarkable speeds for mowing and transport in seconds and even set turn speeds to minimise turf scuffing.

## 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.



# E-Cut Hybrid

## 7500A E-Cut & 8000A E-Cut Fairway Mowers

With their proven technology and advanced features, these E-CUT models tick all the boxes for courses that are thinking of moving to hybrid. With their proven technology and advanced features, these E-CUT models tick all the boxes for courses that are thinking of moving to hybrid.





## E-Cut Hybrid technology

The maintenance-free electric reel drive motors are powered by a 48 V, 180 amp alternator – no extra batteries required. The TechControl system features advanced onboard visual diagnostics for less downtime and greater peace of mind.



### 7500A E-Cut

27.7 kW (37.1 hp) at 2,600 rpm
5-QA5 559 mm (22 in) cutting units
Total cutting width: 2.54 m (100 in)
Mowing speed: 0 – 12.8 km/h



### 8000A E-Cut

31 kW (41.6 hp) at 2,800 rpm
5-QA5 457 mm (18 in) cutting units
Total cutting width: 2.03 m (80 in)
Mowing speed: 0 – 12.8 km/h



#### On all E-Cut Hybrid models

- Electric reel drive cutting units powered by a 48 volt alternator
- 5 QA5 cutting units with 127 mm (5 in) diameter reel

**E-Hybrid**

**SpeedLink**

**TechControl**

**Mow-Engine-Speed**

**Reassuring:** Our proven E-Cut Hybrid models have maintenance-free electric reel drive motors powered by a 48V, 180 amp alternator – no extra batteries required. They're quieter, more fuel efficient, and feature advanced onboard visual diagnostics for less downtime and greater peace of mind. And with no hydraulic lines to the cutting units, there's almost no risk of leakage. Rock-steady reel speeds keep cut quality consistent, while lower throttle settings mean lower fuel bills.

**Nimble:** With a 2.03 m (80 in) cutting width and just three tyres, the 8000A E-Cut leaves fairways looking almost like greens. The cleaner, more powerful new engine matches the standard eHydro transmission perfectly.



# PrecisionCut

## 7500A, 7700A & 8700A Fairway Mowers

With an A-model fairway mower, every operator can achieve a championship finish. All models come with great features like SpeedLink, TechControl and Mow-Engine-Speed as standard – plus proven John Deere reliability and engineering.

On all PrecisionCut models

SpeedLink

TechControl

### Take control

The outstanding TechControl Display takes operator consistency to a whole new level. Now you can preset speeds for mowing, turns and transport, lock in fuel savings, enter service reminders and get fast, accurate diagnostic feedback – all at the press of a button.

### Feel the power

Steep slopes and tricky contours are no match for machines with internal wet disc brakes, upgraded traction and easy hop on/off operator access – plus a powerful 4-cylinder diesel engine on the 8700A & 8900A. Enjoy a great after-cut appearance every time you mow.



### 7500A

31 kW (41.6 hp) at 2,800 rpm
5 QA5 cutting units 559 mm (22 in)
Total cutting width: 2.54 m (100 in)
127 mm (5 in) diameter reel
Mowing speed: 0 – 12.8 km/h



### 7700A

27.7 kW (37.1 hp) at 2,600 rpm
5 QA7 cutting units 559 mm (22 in)
Total cutting width: 2.54 m (100 in)
178 mm (7 in) diameter reel
Mowing speed: 0 – 12.8 km/h



### 8700A

36 kW (48.3 hp) at 2,600 rpm
5 QA7 cutting units 559 mm (22 in)
Total cutting width: 2.54 m (100 in)
178 mm (7 in) diameter reel
Mowing speed: 0 – 12.8 km/h



## 8900A Fairway Mowers

For next-level productivity, choose the new lightweight 8900A. It has a 3.3 m (130 in) maximum mowing width, even more traction and larger reel motors for maximum capacity – plus great time-saving features like TechControl and SpeedLink.



### High-capacity performance

With its larger cutting units, the 8900A combines high mowing speeds with high cut quality and even clipping disposal. The 4WD system ensures good hill climbing too – ideal for those challenging spots around the course!



## 8900A

36.7 kW (49.2 hp) at 2,600 rpm (Stage III A) / 41.1 kW (55.9 hp) at 2,800 rpm (Stage V)
5-QA7 660 mm (26 in) or 760 mm (30 in) cutting units
Total cutting width: 3.3 m (130 in) or 2.9 m (114 in)
178 mm (7 in) diameter reel
Mowing speed: 0 – 12.8 km/h



### Enhanced cutting units

Boost your productivity: the new 660 mm (26 in) or 760 mm (30 in) cutting units hug contours closely for the premium finish you demand.

# Rough, Trim & Surrounds Mowers

Mowing tree lines, bunker edges and surrounds is easy with our precision rotary mowers. They power through the rough effortlessly, yet are agile enough for up-close trimming too – and surprisingly quiet.





### Better finish

The rollers ensure a perfect after-cut appearance and can come with brushes that maintain your exact cutting height by stopping build-up from grass clippings.



### Tough and durable

The rotary decks are made of 10-gauge steel and ensure superior contour following and cut quality. Front and rear rollers direct the force from any obstacles you encounter through the frame, not the deck shell. Easy height of cut adjustment without any tool.



### Easier operation

The new AutoPedal system is not just comfortable to operate. It saves fuel and cuts noise levels too, because the pedals control the engine rpm.

### More control

The TechControl system takes operator consistency to a whole new level. You can set the exact speeds for mowing, turns and transport in seconds and even lock in fuel savings. TechControl also provides fast, accurate diagnostics for maximum uptime.



# PrecisionCut Reel

## 2653B PrecisionCut Trim & Surrounds



### Full-time all-wheel-drive

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 or a weight-transfer system. This reduces the number of potential hydraulic leak points.



### 2653B

14.6 kW (19.9 hp) at 3,000 rpm
660 mm (26 in) or 760 mm (30 in) QA7 cutting units
1.83 m (72 in) or 2.13 m (84 in) mowing width

#### Grip

all-wheel drive

#### SpeedLink



### Stable design

A low centre of gravity with a wide 1.4 m (55 in) wheelbase ensure comfortable and safer operation even in adverse mowing conditions.

**All-day comfort:** The ergonomic operator platform has plenty of legroom, adjustable armrests and a seat that can move forward or back. The seat suspension and backrest are also adjustable.

**QA7 cutting units:** Choose a 5, 8 or 10-blade configuration and a width of 660 mm (26 in) or 760 mm (30 in). The SpeedLink feature saves time by adjusting the cutting height to both sides of the roller at once.

**Easy Maintenance:** For routine maintenance, the 660 mm (26 in) and 760 mm (30 in) cutting units roll on and off the mounting arms quickly and easily.

## 7200A PrecisionCut Trim & Surrounds



### Width-On-Demand system

The width-on-demand system enables operators to change cutting width while the cutting units are on the ground. Simply toggle the width-on-demand switch on the operator command arm forward to increase the cutting width to 1.83 m (72 in, with 26 in cutting unit) or 2.13 m (84 in, with 30 in cutting unit), or toggle backward to reduce the cutting width to 1.73 m (68 in, with 26 in cutting unit) or 2.03 m (80 in, with 30 in cutting unit).

This maximises output by offering a range of widths to best suit the terrain, making operators extra productive on big jobs like soccer fields. And with the mower deck set on one side of these nimble machines, you have supreme flexibility when making tight turns around obstacles and trees.



### Reach trimming system

Trim round bunkers with ease by extending the front left or front right cutting unit beyond the outside tyre edge as much as 366 mm (14 in) on the 660 mm (26 in) QA7, or 508 mm (20 in) on the 760 mm (30 in) QA7.

**Premium operator comfort:** Highlights include a wide operator platform, foot-operated tilt steering system, CommandARM controls and a comfortable suspension seat.

## 7200A

18.4 kW (24.7 hp) at 3,000 rpm
3 × QA7 660 mm (26 in) or QA7 760 mm (30 in)
178 mm (7 in) diameter reel
Width on demand cut: 1.73 m (68 in) to 1.83 m (72 in)
Mowing speed: 0 – 10 km/h

### Grip

all-wheel drive

### TechControl

### SpeedLink

**Easy service access:** The 7200A features internal wet disc brakes, a removable radiator screen with tilt-out oil cooler and TechControl for simple onboard electrical diagnostics.

**Hugs contours:** The cutting units have ample downward travel. Angling the operator platform gives the front cutting units even more clearance to manoeuvre whilst the rear units have good clearance to the frame.

# TerrainCut Rotary

7400A & 8800A TerrainCut

These agile rotary mowers offer the perfect blend of power and agility. Highlights include quick adjustment mowing height and our incredible TechControl display; see page 15 for details.



## Perfect contour following

The combination of a new, 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 to provide an outstanding cut quality and an optimum clipping dispersal with the rear-discharge system.



## Enhanced mower decks

The 533 mm (21 in) rotary decks ensure superior contour following and cut quality and are made of 10-gauge steel. The front and rear rollers direct the force from any obstacles you encounter through the frame, not the deck shell.

**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.

**Power to go (8800A):** An efficient 36.7 kW (49.2 hp) Turbo Charged, 4-cylinder diesel engine with an intercooler generates power efficiently to tackle challenging conditions.

**Premium operator comfort:** The easy-entry/exit operator station features foot-operated tilt steering, stress-free eHydro foot pedals and a deluxe suspension seat for all-day productivity.





### Width-On-Demand system (7400A)

Featuring both a 1.73 m (68 in) and 1.88 m (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.

### LoadMatch

The LoadMatch feature 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.



### 7400A

27.7 kW (37.1hp) at 2,600 rpm
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3 × 680 mm (27 in) rotary decks
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Width on demand cut: 1.73 m (68 in) or 1.88 m (74 in)
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Mowing speed: 0 – 10 km/h
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**Grip**  
all-Wheel drive

**TechControl**



### 8800A

36.2 kW (49.2 hp) at 2,600 rpm
--------------------------------

5 × 533 mm (21 in) rotary decks
---------------------------------

Total cutting width: 2.23 m (88 in)
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Mowing speed: 0 – 12.8 km/h
-----------------------------

**GRIP**  
all-Wheel drive

**TechControl**



# TerrainCut

9009A

With a wider cut width, new technology and advanced features, the 9009A delivers even more uptime, performance and cost effectiveness in challenging rough conditions.



## Enhanced Mower decks

With their special double-action yoke, the five 686 mm (27 in) rotary decks hug contours closely for a premium finish every time. The decks are made of 10-gauge steel with a rear roller for perfect finishing.

## High-capacity performance

Even at high speeds, the deep mower decks ensure a quality cut and even clipping disposal. The 4WD system climbs hills well and reduces uncut stripes during hill side mowing.







### Smooth operation

The eHydro transmission has light, responsive pedals for less fatigue and enhanced operator comfort. Together with cruise control and turn speed management, it creates an intelligent operating machine.

The hydrostatic pump and large capacity wheel motors reduce maintenance and deliver serious hill-climbing capabilities. This combines with the standard GRIP system, which reduces wheel slip by sending flow from the front wheel to the opposite rear wheel.

**Easy height of cut adjustment:** You don't need tools to adjust the height of cut. Just move a lever to the setting you need and you're ready to go. Compared with other systems, HOC change times are 25% faster – for higher productivity and lower operating costs.



### Always on the go

With advanced onboard diagnostics, fast, tool-free height of cut adjustment and our legendary build quality, the 9009A is designed for maximum uptime.

**Set mow, transport and turn speeds:** Only John Deere machines let you set turn speeds to minimise scuffing between passes. The passcode-protected TechControl lets you set mow and transport speeds too, ensuring top quality results (and peace of mind) no matter who's on the machine.



## 9009A

41.1 kW (55.9 hp) at 2,800 rpm
Total cutting width: 2.74 m (108 in)
Mowing speed: 0 – 12.8 km/h
2-pedal hydrostatic transmission

### TechControl

### Simple set up

Thanks to intelligent features like TechControl and the eHydro transmission, you'll spend less time adjusting your machine manually when course or weather conditions change.



# TerrainCut Front Mowers

## 1500 Series

With the out front rough mower, you can work quickly 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 years of high speed, top quality performance.





### Integrated ComfortCab

The integrated ComfortCab is optional on the 1575 and 1585 Front Mowers, providing excellent visibility and comfort whatever the weather.



### Better cooling

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



### GLC1500 Collector

A powerful collection system with a 600 litre capacity and standard with hydraulic tip for easy use.

### 1550

17.8 kW (24.2 hp) at 3,000 rpm

Hydrostatic 2WD, optional full time or on demand 4WD

Single speed transmission, 0-19.3 km/h

### 1570/1575

27.5 kW (37.4 hp) at 3,000 rpm

Hydrostatic full time 4WD, on demand

Single speed transmission, 0-19.3 km/h

### 1580/1585

27.5 kW (37.4 hp) at 3,000 rpm

Hydrostatic full time 4WD, on demand

Dual speed transmission, 0-24 km/h

### Mower decks

	1.53m (60 in.) Pro side discharge	1.83m (72 in.) Pro side discharge	1.58m (62 in.) FastBack rear discharge	1.83m (72 in.) FastBack rear discharge	1.83m (72 in.) 7Iron™ V-Flex side discharge	1.53m (60 in.) 7Iron™ PRO side discharge	1.83m (72 in.) 7Iron™ PRO side discharge
<b>Fits</b>	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1570, 1575, 1580, 1585	For use with GLC1500 Collector	For use with GLC1500 Collector
Cutting Width, m (in.)	1.53 (60)	1.83 (72)	1.58 (62)	1.83 (72)	1.83 (72)	1.53 (60)	1.83 (72)
Cutting Height, mm (in.)	25.4 - 152.4 (1-6)	25.4 - 152.4 (1-6)	25.4 - 152.4 (1-6)	25.4 - 152.4 (1-6)	25.4-152.4 (1-6)	25.4 - 152.4 (1-6)	25.4 - 152.4 (1-6)
Caster Wheels	Flat Free	Flat Free	Flat Free	Flat Free	Pneumatic	Semi-pneumatic	Semi-pneumatic

# Wide-Area Mowers

## 1600T Series III

With its outstanding traction and a cutting width of up to 3.25 m, this high-torque diesel can cover an amazing 3.4 ha (8.5 acres) per hour. The 1600T Series III masters slopes with ease, and delivers a premium cut in even the thickest grass.



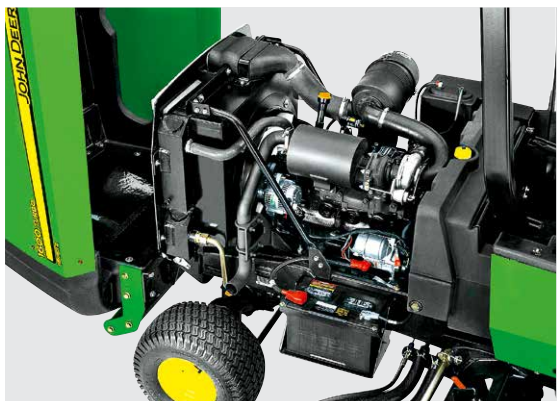
### Large area mowing made easy

The ergonomic controls and fully adjustable, air suspended seat keep operators fresh and focused all day long.



### Terrific traction on slopes

The 1600T Series III offers a choice between on-demand or full-time 4-wheel drive. Differential lock comes as standard with this model. The wing decks can mow at a 45 degree upward angle and a 20 degree downward angle to maintain a flawless cut.



### High-performance engine

The 44 kW (60 hp) 4-cylinder 16 valve turbocharged direct inject diesel engine provides plenty of power and torque to give superior performance. It also benefits from isolated mounting to minimise vibration exposure.



### Advanced impact absorption system

The wing decks move backwards and inwards to avoid damage from obstacles.

### Durable deck design

Decks are fabricated from 7-gauge steel with additional 19 mm protection bar as well as isolated deck motors to reduce vibration.



## 1600T Series III

44 kW (60 hp) at 3,000 rpm
Hydrostatic, wheel motors
Operating speed: 0 – 23 km/h
Differential Lock



1.58 m\*



2.39 m



3.25 m

### Flexible productivity

To mow narrow lanes, use either one wing and the centre deck, or the centre deck alone. The optional tricycler mulching kit adds even more flexibility.

\*1.58 m cutting width. Transport width is 2.20 m.

# Aerators

## Aercore 800 walk behind Aerator

The Aercore 800 Aerator helps you do a great job faster and is ideal for large greens and tees. Designed for outstanding hole quality and versatility, it stimulates new, denser growth by slicing rhizomes and colons laterally.



### Hole quality

An electro-hydraulic system improves hole quality greatly by lifting and lowering the coring head twice as fast. (It also enables the coring head to follow contours and undulations automatically.) For even cleaner results, the powerful 18.6 kW (25 hp) Kohler engine runs at low rpm during entry and exit.

## Aercore 800

18.6 kW (25 hp) at 3,600 rpm
Coring Width: 800 mm (31.5 in)
Coring Depth max.: 88.9 mm (3.5 in)
Dual v-belt drive

**More Choice:** Verticut, aerate, or do both at once with this optional verticutter attachment.

**Tight Turns:** The mechanical transmission and differential make inner/outer wheel speeds independent.

**Consistent depth:** Work consistently at depths up to 44.5 mm (1 ¾ in) using standard tyre scrapers. Height adjustments are easy and tool-free.

### Versatile verticutter

The optional verticutter attachment has carbide-tipped blades and lets you aerate, verticut... or do both at once.



## Aercore 1000, 1500 & 2000 mounted Aerators

John Deere Aercore 1000, 1500 and 2000 aerators are engineered for consistent hole quality and productivity. The durable V-belt drive design and sealed bearings ensure years of quiet, fuss-free service.



### On all mounted aerator models

- Flexi-link coring system
- Up to 100 mm (4 in) coring depth
- V-belt coring head drive
- Sealed bearings

## 1000

Requires minimum 15 PTO hp
1.02 m (37.5 in) coring width

## 1500

Requires minimum 22 PTO hp
1.52 m (57.5 in) coring width

## 2000

Requires minimum 33 PTO hp
1.91 m (77.5 in) coring width

## Productivity

Punch up to 1.2 million top quality holes an hour with an Aercore Aerator.

## TD100 Topdresser

The TD100 makes topdressing easy and precise. Rated capacity: 680 kg; spread width: 1.42 m (56 in).



## Easy cleanups

The TC125 Collection System can clear an average green in just 15 minutes. The adjustable roller height adapts to turf for gentler brushing.

# Bunker & Field Rake

1200A & 1200H Hydro

We offer not one, but two ways to put a pristine finish on your bunkers. Our gear-driven 1200A is the benchmark for all other bunker and field rakes. Prefer a hydrostatic machine? Our 1200 Hydro has pulling and pushing power to spare.







## Grip on demand

Need more traction on that fine sand? Just press your left heel down to lock the differential.



## Storage

Store clothing, snacks and more in a handy rear basket.

## Smooth finish

This 1.83 m (72 in) rear-mount rake is easy to attach and detach. The 3-way flotation hugs ground contours closely for a well-groomed finish.



Attachments	1200A	1200H
<b>Rake</b>		
Rake	Rear mount, power-lift control	Rear mount, hydraulic control
Width, m (in)	1.98 (78)	1.83 (72)
Blades	Five-section, bunker or field	Five-section, bunker
Prong rake mm (in)	Three-section, 24 prongs 25 to 76 (1 to 3) adjustment 10 blades, hand control with 5-position depth adjustment	Three-section, 24 prongs 25 to 76 (1 to 3) adjustment 10 blades, hand control with 5-position depth adjustment
<b>Cultivator</b>		
Cultivator	mid mounted, 10 blades, hand control w 5 position depth adjustment	mid mount, hydraulic control
Width, m (in)	1.63 (64)	1.52 (60)
<b>Front blade</b>		
Front blade	Optional, hand control with lock-up position	Optional, hand control with lock-up position
Width, m (in)	1.02 (40)	1.02 (40)
Height, mm (in)	152 (6)	152 (6)
<b>Aluminium front blade</b>		
Width, m (in)	1.52 (60)	–
Height, mm (in)	263 (10.25)	–
<b>Wide and narrow interval scarifier tines attachments</b>		
Width, m (in)	Wide – 1.61 (63.25); Narrow – 1.57 (62)	Wide – n/a Narrow – 1.57 (62)
Tines, mm (in)	Wide – 20 tines, 89 (3.5) long; Narrow – 35 tines, 89 (3.5) long	Wide – n/a Narrow – 35 tines, 89 (3.5) long
<b>Mid-mount scraper blade attachments</b>		
Width, m (in)	1.65 (64.5)	–
Height, mm (in)	144 (5.63)	–
<b>Rear-mounted field finisher</b>		
Width, m (in)	1.54 (60)	–
Length, mm (in)	356 (14)	–
<b>Hydraulic pump package</b>		
Couplers	Two female, comply with ANSI ASAE S418 standard	–
Activation	Switch	–

## See it all

Instruments and controls are positioned for easy reach and visibility.



## 1200A

Putting the finishing touches on a golf course bunker or a new-course construction project requires a delicate touch and excellent maneuverability. The 1200A is quiet, reliable, and comfortable for operators. These workhorses are relied on by courses all over the world.



### Easy to operate

On the 1200A, you select forward or reverse with your left foot and apply the transaxle disc brake with your right foot. Both pedals are conveniently mounted on the foot platforms, so there's no need to stretch or look down.



### 1200A

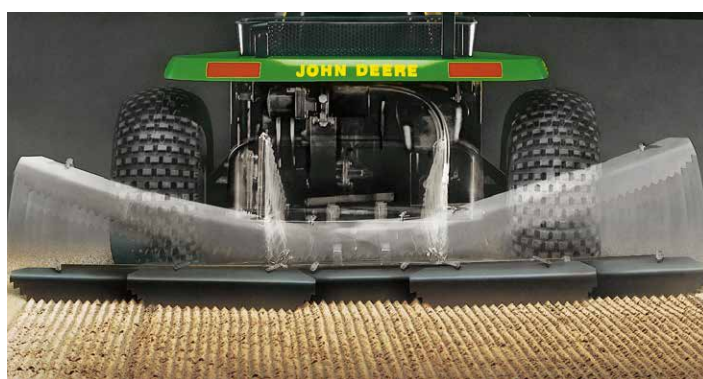
10.1 kW (13.5 hp) at 3,600 rpm
Operating speed: 0 – 20.3 km/h

### Spreading made simple

The 1.02 m (40 in) hand-controlled front blade is engineered for years of service.

### Quiet and comfortable

The nimble, powerful 1200A has the same proven drive train as some of our Work-Series Gators. The engine is fully soundproofed, and the adjustable high-back seat and standard rear rake power lift make operation easy.



### Power-lift

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

## 1200H Hydro

For serious torque and traction, choose the 1200H with its hydrostatic 3-wheel drive and high flotation tyres. With a 10-to-1 steering ratio and adjustable 356 mm (14 in) steering wheel, tight turns and easy handling are always assured.



### Mid-mount productivity

Our optional mid-mount scarifiers and cultivators are easy to attach to the 1200H. Both have hydraulic controls for easy operation.



### 1200H

11.9 kW (16 hp) at 3,600 rpm
Operating speed: 0 – 16.9 km/h

### Smooth and steady

The foot-pedal operated hydrostatic transmission keeps operators comfortable all day.

### No more slipping

For serious torque and traction, choose the 1200H with its hydrostatic 3-wheel drive and high flotation tyres. With a 10-to-1 steering ratio and adjustable 356 mm (14 in) steering wheel, tight turns and easy handling are always assured.



# Gator™ Utility Vehicles

The versatile workhorse at your side

All over the world our Gators are working hard. They are carrying, transporting and towing to ensure people get the job done. Complete your fleet with the addition of a Gator Utility Vehicle.



## Engineered for the long haul

Let the heavy hauling begin. With John Deere's range of Gator Utility Vehicles, you'll get strength, raw power, performance, and easy maintenance.

# HPX Series

## Gator HPX615E & HPX815E

Even when fully loaded, the Gator HPX has the stability and ground clearance you need to go where others can't. Other highlights include 4-wheel drive, semi-independent suspension and a powerful engine for speeds of up to 40 km/h.



### Tyres

With a tyre option to suit all applications, the HPX can cover all types of ground.



**Turf** Tyres that let you work hard while minimising damage to turf.



**High-performance all-purpose** tyres provide excellent traction with minimal impact on terrain.



**High-performance all-terrain** tyres provide an aggressive tread pattern for extra traction.



**High-Strength Hydro-Formed Steel Frame:** Our hydro-formed frames have fewer welded or bolted joints for maximum durability, plus high tolerances for twisting and heavy loads.

**Safety First:** Your safety is a top priority at all times. That's why the Gator HPX615E and HPX815E are fitted with a ROPS canopy and comfortable automotive style 3-point seat belts as standard.

**Stop on a sixpence**  
Fully hydraulic brakes ensure first-class braking performance.

### HPX615E

2 Cylinder, Petrol Engine
15.7 kW (20hp) at 3600rpm
Maximum Speed: 40 km/h
4-Wheel Drive
Rear Suspension: Coil-Over-Shock
Towing Capacity: 590 kg
Cargo Capacity: 454 kg

### HPX815E

3-cylinder, Diesel Engine
13.6 kW (18.5 hp) at 3,400 rpm
Maximum speed: 40 km/h
4-Wheel Drive
Rear Suspension: Coil-Over-Shock
Towing Capacity: 590 kg
Cargo Capacity: 454 kg



# ProGator

## 2020A & 2030A ProGator

Meet our club professionals! From spraying and top dressing to debris collection, the ProGator utility vehicle helps you keep your turf in peak condition. Even under load, the power steering and tight turning radius make it a pleasure to drive.



### ProGator 2020A

EFI Petrol Engine
25.4 kW (34 hp) at 3,600 rpm
Maximum speed: 31 km/h
4-Wheel Drive, Optional
Rear Suspension: Dual Leaf Springs and Shocks
Towing Capacity: 680 kg
Cargo Capacity: 907 kg

**Heavy duty:** Even with a full payload, the durable 7-gauge steel frame has ample ground clearance. We fit leaf springs front and back for a smooth ride – and a solid transaxle for extra strength and durability.

**Wide choice:** From spraying and top dressing to easy lifting, we offer a suite of performance-enhancing options to make your ProGator even more productive.

**Room for more:** With its massive 907 kg cargo capacity and low centre of gravity, the ProGator can take it – literally.



### Auxiliary hydraulics

Power top dressers, sprayers and many other hydraulically powered implements with your ProGator Utility Vehicle.

### ProGator 2030A

Diesel Engine
16.5 kW (22.1 hp) at 3,200 rpm
Maximum speed: 31 km/h
4-Wheel Drive, Optional
Rear Suspension: Dual Leaf Springs and Shocks
Towing Capacity: 680 kg
Cargo Capacity: 907 kg

# SelectSpray

HD200 & HD300 SelectSpray

These high-performance sprayers make your ProGator even more versatile. No tools required!



## Let the water flow!

That's no problem with the 750 litre capacity of the HD200 sprayer or the 1,136 litre capacity of the HD300 sprayer. And with a range of booms measuring 4.6 m, 5.5 m and 6.4 m, there's no shortage of choice, either!

## Tough tanks

The impact-resistant polyethylene tanks are styled for a low centre of gravity and a clear view of the outer boom sections.



## Auto rate control

Input which colour nozzles you're using, then synch your target application rate to your ground speed –automatically, and in realtime.

## Boom options

Our 5.5 m and convertible 4.6/6.4 m booms with electric-hydraulic lift and bi-directional breakaway function are ideal for greens, fairways and tees.

## Parking stand

Who says sprayers are just for spraying? Get more out of your ProGator with this sturdy, easy-to-mount stand.



# PrecisionSprayer

## ProGator™ 2030A GPS PrecisionSprayer

Take golf course spraying to another level. With our new ProGator™ GPS PrecisionSprayer, you'll discover ease of operation, thanks to our AutoTrac™ Guidance system; more accuracy with our individual nozzle control; and with our proven StarFire™ receiver, the confidence to better track and manage all of your spraying.



### Standard AutoTrac™

Less overlap, less fatigue ... with AutoTrac at the wheel, operators can focus on what matters most – spraying.





## Fingertip control

With a generous touch screen, convenient section control switches and automated documentation, efficiency has never been so easy.



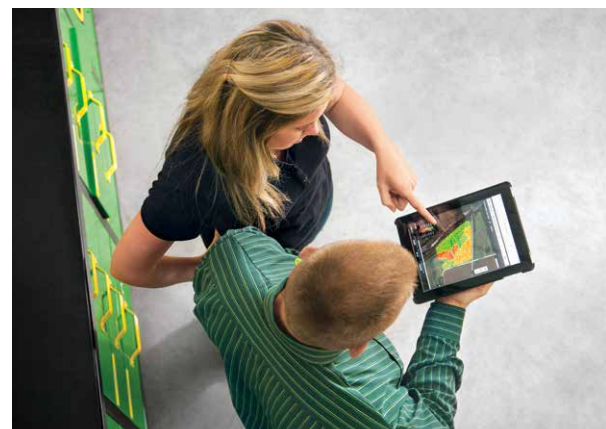
## Proven technology

Farmers and operators all over the world trust our proven Starfire™ and Greenstar™ components for smooth, fuss-free productivity. Thanks to the sophisticated RTK signal correction, the exterior, interior and no-spray zones you map won't shift while you work.



**Foolproof accuracy:** Every nozzle in every section is controlled automatically, and only sprays inside a mapped area that hasn't been treated yet.

**Precise volumes:** The simplified plumbing architecture, flow meter and rpm adjuster pump enable precise spray volumes.



## MyOperations™

Accurate mapping helps you set spray zones and rates precisely. That's good for your budget – and good for the environment.



## ProGator 2030A

ProGator 2030A Diesel
16.5 kW (22.1 hp) at 3,200 rpm
Choose between HD200 or HD300 sprayer
Optional 4WD
JDLink™
StarFire™ 6000 Receiver
5.5m (18ft) spray boom

## 5.5m boom

The 5.5m (18ft) spray boom is an excellent choice for spraying greens, fairways, tees, and other areas. Features include:

- Standard electro-hydraulic lift
- Standard triple-nozzle bodies
- Bidirectional breakaway

## SPECIFICATIONS



180E



220E

### E-Cut Hybrid walk behind greens mowers

#### Engine

Type	Honda air-cooled, 4-cycle, petrol	Honda air-cooled, 4-cycle, petrol
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	Counter-clockwise viewed from shaft side	Counter-clockwise 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)	1,700 (± 100)
Maximum speed at output shaft, rpm	2,950 (± 150)	2,950 (± 150)
Fuel tank capacity, L	2.5	2.5
Oil capacity, L	0.6	0.6
Differential drive capacity, L	0.14	0.14

#### Cutting equipment

Cutting width, mm (in.)	457 (18)	559 (22)
Cutting height with 3.0 mm bedknife, mm (in)	Min 3.2 (1/8) – Max. 22 (7/8)	Min 3.2 (1/8) – Max. 22 (7/8)
Cutting height with 2.5 mm bedknife, mm (in)	Min 2.5 (7/64) – Max. 22 (7/8)	Min 2.5 (7/64) – Max. 22 (7/8)
Cutting height with 2.0 mm bedknife, mm (in)	Min 2.0 (5/64) – Max. 22 (7/8)	Min 2.0 (5/64) – Max. 22 (7/8)
Frequency of clip standard, mm (in)	Variable with five settings. <b>11 blade</b> is 4.1 (0.162), 4.6 (0.180), 5.6 (0.220), 9.7 (0.380), 12.2 (0.480); <b>14 blade</b> is 3.2 (0.120), 3.6 (0.140), 4.4 (0.180), 7.6 (0.300), 9.6 (0.380)	Variable with five settings. <b>11 blade</b> is 4.1 (0.162), 4.6 (0.180), 5.6 (0.220), 9.7 (0.380), 12.2 (0.480); <b>14 blade</b> is 3.2 (0.120), 3.6 (0.140), 4.4 (0.180), 7.6 (0.300), 9.6 (0.380)

#### 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 × 457 (18) long	3 (0.118) thick × 559 (22) long

#### Rotary brush and greens tender conditioner (Optional)

Brush, mm (in)	Interlocked with reel, rotation in reverse direction; 60 (2-3/8) diameter nylon	Interlocked with reel, rotation in reverse direction; 60 (2-3/8) diameter nylon
GTC vertical cutter blades, mm (in)	Specially hardened carbon tool steel; star-shaped; 60 (2-3/8) diameter, 60 blades	Specially hardened carbon tool steel; star-shaped; 60 (2-3/8) diameter, 75 blades
Adjustable brush or cutter height, mm (in)	Brush even with the cutting height; GTC 0.8 (1/32) below the cutting height maximum	Brush even with the cutting height; GTC 0.8 (1/32) 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)	3.2 (7)	3.2 (7)
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	7.2 with transport wheels at 3,000 engine rpm	7.2 with transport wheels at 3,000 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 and weight

Length (tyres installed), mm (in)	990 (39)	990 (39)
Width (tyres installed), mm (in.)	946 (37.25)	946 (37.25)
Height (tyres installed), m (in.)	1.19 (47)	1.19 (47)
Weight (less GTCs, gear drive and transport wheel, with catcher), kg (lb)	113 (249)	119 (262)

#### Sound levels

Operator ear	79 dBA	79 dBA
Measuring standard	ISO 11201	ISO 11201
Attachments installed	GTCs, reels engaged	GTCs, reels engaged

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



## 180SL

## 220SL

## 260SL

## Walk behind greens mowers

Honda air-cooled, 4-cycle, petrol	Honda air-cooled, 4-cycle, petrol	Honda air-cooled, 4-cycle, petrol
2.6 (3.5) at 3,600 rpm	2.6 (3.5) at 3,600 rpm	2.6 (3.5) at 3,600 rpm
Counter-clockwise viewed from shaft side	Counter-clockwise viewed from shaft side	Counter-clockwise viewed from shaft side
Tilted up to 20 degrees in any direction	Tilted up to 20 degrees in any direction	Tilted up to 20 degrees in any direction
1,600 (± 100)	1,700 (± 100)	1,700 (± 100)
2,950 (± 150)	2,950 (± 150)	2,950 (± 150)
2.5	2.5	2.5
0.6	0.6	0.6
0.14	0.14	0.14
457 (18)	559 (22)	660 (26)
Min 3.2 (1/8) – Max 22 (7/8)	Min 3.2 (1/8) – Max 22 (7/8)	Min 3.2 (1/8) – Max 22 (7/8)
Min 2.5 (7/64) – Max 22 (7/8)	Min 2.5 (7/64) – Max 22 (7/8)	Min 2.5 (7/64) – Max 22 (7/8)
Min 2.0 (5/64) – Max 22 (7/8)	Min 2.0 (5/64) – Max 22 (7/8)	N/A
N/A	N/A	3/16 (4.8)
<b>11 blade</b> is 4.62 (0.182) with optional 'speed-up' kit for 3.94 (0.155); <b>14 blade</b> is 3.58 (0.141)	<b>11 blade</b> is 4.62 (0.182) with optional 'speed-up' kit for 3.94 (0.155); <b>14 blade</b> is 3.58 (0.141)	<b>7 blade</b> is 7.26 (0.286); <b>11 blade</b> is 4.62 (0.182)
127 (5)	127 (5)	127 (5)
11 or 14 blade	11 or 14 blade	7 or 11 blade
Heat-treated chromium molybdenum steel	Heat-treated chromium molybdenum steel	Heat-treated chromium molybdenum steel
2.5 (0.098) thick × 457 (18) long	2.5 (0.098) thick × 457 (18) long	3 (0.118) thick × 660 (26) long
Interlocked with reel, rotation in reverse direction; 60 (2-3/8) diameter nylon	Interlocked with reel, rotation in reverse direction; 60 (2-3/8) diameter nylon	Interlocked with reel, rotation in reverse direction; 60 (2-3/8) diameter nylon
Specially hardened carbon tool steel; star-shaped; 60 (2-3/8) diameter, 60 blades	Specially hardened carbon tool steel; star-shaped; 60 (2-3/8) diameter, 60 blades	Specially hardened carbon tool steel; star-shaped; 60 (2-3/8) diameter, 88 blades
Brush even with the cutting height; GTC 0.8 (1/32) below the cutting height maximum	Brush even with the cutting height; GTC 0.8 (1/32) below the cutting height maximum	Brush even with the cutting height; GTC 0.8 (1/32) below the cutting height maximum
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	Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
2.7 (6)	2.7 (6)	2.7 (6)
Polyethylene	Polyethylene	Polyethylene
Belt tension	Belt tension	Belt tension
On/off	On/off	On/off
On/off	On/off	On/off
Dual, aluminium	Dual, aluminium	Dual, aluminium
7.2 with transport wheels at 3,000 engine rpm	7.2 with transport wheels at 3,000 engine rpm	7.2 with transport wheels at 3,000 engine rpm
Aluminium, 190 (7.5) diameter	Aluminium, 190 (7.5) diameter	Aluminium, 190 (7.5) diameter
Machined steel, 50 (2) diameter (for cutting height adjustment)	Machined steel, 50 (2) diameter (for cutting height adjustment)	Machined steel, 50 (2) diameter (for cutting height adjustment)
940 (37)	940 (37)	940 (37)
845 (33.3)	845 (33.3)	1,050 (41.3)
1.19 (47)	1.19 (47)	1.19 (47)
92.7 (204)	99.5 (219)	107.7 (237)
82 dBA	82 dBA	84 dBA
ISO 11201	ISO 11201	ISO 11201
GTCs, reels engaged	GTCs, reels engaged	GTCs, reels engaged



2550 E-Cut



2550



2400

### E-Cut Hybrid & PrecisionCut riding greens mowers

#### Engine

Type	3-cylinder Liquid-cooled diesel	3-cylinder Liquid-cooled diesel	2-cylinder, air-cooled EFI petrol
Maximum rated power per SAE J1995,kW (hp)	14.6 (19.6) at 3,000 rpm	14.6 (19.6) at 3,000 rpm	14.2 (19) at 3,600 rpm
Displacement, L	0.99	0.99	0.69
Oil filter	Full-flow filter	Full-flow filter	Full-flow filter
Fuel tank capacity, L	29.5 in a single tank	29.5 in a single tank	29.5 in a single tank
Pressurised lubrication system	Standard	Standard	Standard
Charging system & alternator capacity	Flywheel, 20 amp alternator	Flywheel, 20 amp alternator	Flywheel, 16 amp alternator
Ignition starter & battery type	Electric (solenoid shift) & 12 volt, BCI group 40 maintenance-free	Electric (solenoid shift) & 12 volt, BCI group 40 maintenance-free	Capacitor discharge ignition (CDI) & 12 volt, BCI group 40 maintenance-free

#### Machine specification

Tyres front/rear	18 × 10.5-10, 2-ply, smooth (low compaction); 20 × 10-10, 2-ply or 4-ply, smooth; or 20 × 10-10, 2-ply, turf	18 × 10.5-10, 2-ply, smooth (low compaction); 20 × 10-10, 2-ply or 4-ply, smooth; or 20 × 10-10, 2-ply, turf	18 × 10.5-10, 2-ply, smooth (low compaction); 20 × 10-10, 2-ply or 4-ply, smooth; or 20 × 10-10, 2-ply, turf
Braking system	Single pedal, 2-wheel disc brakes	Single pedal, 2-wheel disc brakes	Single pedal, 2-wheel disc brakes
Brake type, mm (in.)	Dual, 152 (6)	Dual, 152 (6)	Dual, 152 (6)
Mowing speed, km/h	0 to 7.1, adjustable mow stop	0 – 7.1, adjustable mow stop	0-7.1, adjustable mow stop
Transport speed, km/h	0 - 12.9	0 - 12.9	0-12.9
Reverse speed, km/h	0 - 4.8	0 - 4.8	0-4.8
Ground clearance with catcher, mm (in.)	102 (4)	102 (4)	102 (4)
Total Hydrostatic drive system capacity, L	28.8	28.8	28.8
Drive wheels	Front	Front	Front
Traction drive	Hydrostatic, 2-pedal control	Hydrostatic, 2-pedal control	Hydrostatic, 2-pedal control
Reel drive	Electric	Hydraulic	Hydraulic
Reel power source	Alternator, 48V, 100 amp	3-section gear	3-section gear
Reel control	Voltage regulated	Electrohydraulic, one valve reel on-off and one valve raise- lower	Electrohydraulic, one valve reel on-off and one valve raise-lower

#### Dimensions and weight

Wheelbase, m (in.)	1.30 (51)	1.30 (51)	1.30 (51)
Tread width, m (in.)	1.02 (40)	1.02 (40)	1.02 (40)
Mowing position width, m (in.)	1.58 (62)	1.58 (62)	1.58 (62)
Turning radius, uncut circle, mm (in.)	457 (18)	457 (18)	457 (18)
Weight (full fluids, no operator or fuel), kg (lb)	637.3 (1,405)	637.3 (1,405)	559.2 (1,233)
Height, m (in.) with ROPS	1.95 (76.5)	1.95 (76.5)	1.95 (76.5)

#### Mowing

Number of units	3	3	3
Size, mm (in.)	Quick Adjust QA5 559 (22) floating	Quick Adjust QA5 559 (22) floating	Quick Adjust QA5 559 (22) floating
Backlapping	Standard on machine, variable adjustment capability	Standard onboard micro-backlapping and reel speed control	Standard on-board micro-backlapping and reel speed control
Clip frequency, mm/km/h	<b>7 blade</b> is 1.08; <b>11 blade</b> is 0.69; <b>14 blade</b> is 0.54	<b>7 blade</b> is 1.08; <b>11 blade</b> is 0.69; <b>14 blade</b> is 0.54	<b>7 blade</b> is 1.08; <b>11 blade</b> is 0.69; <b>14 blade</b> is 0.54
Front rollers, mm (in.)	Optional 51 (2) smooth, grooved or spiral	Optional 51 (2) smooth, grooved or spiral	Optional 51 (2) smooth, grooved or spiral
Reel diameter, mm (in.)	127 (5)	127 (5)	127 (5)
Bedknife adjustment	Bedknife-to-reel	Bedknife-to-reel	Bedknife-to-reel
Cutting height, mm (in)	2.0 - 36 (5/64 - 1.42) with 51 (2) front roller; or 4 - 46 (0.16 - 1.8) with 76 (3) front roller	2.0 - 19.0 (5/64 - 3/4) with 51 (2) front roller; or 16 - 32 (5/8 - 1.25) with 76 (3) front roller	2.0 - 19.0 (5/64 - 3/4) with 51 (2) front roller; or 16 - 32 (5/8 - 1.25) with 76 (3) front roller
Number of blades	7, 11 or 14	7, 11 or 14	7, 11 or 14
Mower lift	(1) Hydraulic cylinder for front two units, (1) hydraulic cylinder for centre unit	(1) Hydraulic cylinder for front two units, (1) hydraulic cylinder for centre unit	(1) Hydraulic cylinder for front two units, (1) hydraulic cylinder for rear unit
Reel speed	Adjustable	Adjustable	Adjustable

#### Sound levels

with GTCs and Power Brushes, reels engaged	–	82 dB(A)	80 dB(A)
with GTC and power brush attachments	78 dB(A)	–	–
Measuring standard	ISO 11201	ISO 11201	ISO 11201



2700 E-Cut



2700



2750 E-Cut



2750

### E-Cut Hybrid & PrecisionCut riding greens mowers

2-cylinder, air cooled petrol EFI	2-cylinder, air cooled petrol EFI	3-cylinder liquid-cooled diesel	3-cylinder liquid-cooled diesel
14.2 (19) at 3,600 rpm	14.2 (19) at 3,600 rpm	14.6 (19.6) at 3,000 rpm	14.6 (19.6) at 3,000 rpm
0.69	0.69	0.99	0.99
Full-flow filter	Full-flow filter	Full-flow filter	Full-flow filter
20	20	20	20
Standard	Standard	Standard	Standard
Flywheel, 50 am alternator	Flywheel, 50 am alternator	Flywheel, 50 am alternator	Flywheel, 55 am alternator
Electric (solenoid shift) & 12 volt BCI group 51 maintenance free	Electric (solenoid shift) & 12 volt BCI group 51 maintenance free	Electric (solenoid shift) & 12 volt BCI group 51 maintenance free	Electric (solenoid shift) & 12 volt BCI group 51 maintenance free
20x10-10 / 20x10-10 (smooth, smooth balloon, or turf tread)	20x10-10 / 20x10-10 (smooth, smooth balloon, or turf tread)	20x10-10 / 20x10-10 (smooth, smooth balloon, or turf tread)	20x10-10 / 20x10-10 (smooth, smooth balloon, or turf tread)
Hand lever operated, 2-wheel disc brakes	Hand lever operated, 2-wheel disc brakes	Hand lever operated, 2-wheel disc brakes	Hand lever operated, 2-wheel disc brakes
Disc, 152 (6)	Disc 152 (6)	Disc 152 (6)	Disc 152 (6)
0 - 9.7, Adjustable via passcode-protected TechControl Display	0 - 9.7, Adjustable via passcode-protected TechControl Display	0 - 9.7, Adjustable via passcode-protected TechControl Display	0 - 9.7, Adjustable via passcode-protected TechControl Display
0 - 17.7, Adjustable via passcode-protected TechControl Display	0 - 17.7, Adjustable via passcode-protected TechControl Display	0 - 17.7, Adjustable via passcode-protected TechControl Display	0 - 17.7, Adjustable via passcode-protected TechControl Display
0 - 6.4	0 - 6.4	0 - 6.4	0 - 6.4
114 (4.5)	114 (4.5)	114 (4.5)	114 (4.5)
20	20	22	22
Front - optional 3WD	Front - optional 3WD	Front - optional 3WD	Front - optional 3WD
eHydro - electronically controlled hydraulic traction pump	eHydro - electronically controlled hydraulic traction pump	eHydro - electronically controlled hydraulic traction pump	eHydro - electronically controlled hydraulic traction pump
Electric	Hydraulic	Electric	Hydraulic
56V, 100 amp alternator and independent reel motors	Gear pump	Gear pump	Gear pump
Independent electronic reel controllers	Proportional hydraulic mow valve, electronically controlled	Proportional hydraulic mow valve, electronically controlled	Proportional hydraulic mow valve, electronically controlled
1.30 (51.2)	1.30 (51.2)	1.30 (51.2)	1.30 (51.2)
1.57 (61.9)	1.57 (61.9)	1.57 (61.9)	1.57 (61.9)
1.58 (62)	1.58 (62)	1.58 (62)	1.58 (62)
457 (18)	457 (18)	457 (18)	457 (18)
593 (1,305)	593 (1,305)	641 (1,410)	641 (1,410)
1.97 (77.6)	1.97 (77.6)	1.97 (77.6)	1.97 (77.6)
3	3	3	3
Quick Adjust QA5 559 (22) floating	Quick Adjust QA5 559 (22) floating	Quick Adjust QA5 559 (22) floating	Quick Adjust QA5 559 (22) floating
Engagement/disengagement and rpm controlled through passcode-protected TechControl display	Engagement/disengagement and rpm controlled through passcode-protected TechControl display	Engagement/disengagement and rpm controlled through passcode-protected TechControl display	Engagement/disengagement and rpm controlled through passcode-protected TechControl display
<b>7 blade</b> is 1.08 (0.069); <b>11 blade</b> is 0.69 (0.044); <b>14 blade</b> is 0.54 (0.034) Adjustable through passcode-protected TechControl Display	<b>7 blade</b> is 1.08 (0.069); <b>11 blade</b> is 0.69 (0.044); <b>14 blade</b> is 0.54 (0.034) Adjustable through passcode-protected TechControl Display	<b>7 blade</b> is 1.08 (0.069); <b>11 blade</b> is 0.69 (0.044); <b>14 blade</b> is 0.54 (0.034) Adjustable through passcode-protected TechControl Display	<b>7 blade</b> is 1.08 (0.069); <b>11 blade</b> is 0.69 (0.044); <b>14 blade</b> is 0.54 (0.034) Adjustable through passcode-protected TechControl Display
Choice of 51 (2) or 76 (3) smooth, grooved or spiral	Choice of 51 (2) or 76 (3) smooth, grooved or spiral	Choice of 51 (2), 62.5 (2.5) or 75 (3) smooth, grooved or spiral	Choice of 51 (2), 62.5 (2.5) or 75 (3) smooth, grooved or spiral
127 (5)	127 (5)	127 (5)	127 (5)
Bedknife-to-reel	Bedknife-to-reel	Bedknife-to-reel	Bedknife-to-reel
With 51 (2) front roller: 2 - 36 (0.078 - 1.42); With 76.2 (3) front roller: 4 - 46 (0.16 - 1.81)	With 51 (2) front roller: 2 - 36 (0.078 - 1.42); With 76.2 (3) front roller: 4 - 46 (0.16 - 1.81)	With 51 (2) front roller: 2 - 36 (0.078 - 1.42); With 76.2 (3) front roller: 4 - 46 (0.16 - 1.81)	With 51 (2) front roller: 2 - 36 (0.078 - 1.42); With 76.2 (3) front roller: 4 - 46 (0.16 - 1.81)
7, 11 or 14	7, 11 or 14	7, 11 or 14	7, 11 or 14
3 independent hydraulic cylinders	3 independent hydraulic cylinders	3 independent hydraulic cylinders	3 independent hydraulic cylinders
Adjustable through passcode-protected TechControl display	Adjustable through passcode-protected TechControl display	Adjustable through passcode-protected TechControl display	Adjustable through passcode-protected TechControl display
82 dB(A) Max mode, 78 dB(A) Eco mode	82 dB(A) Max mode, 78 dB(A) Eco mode	83 dB(A) Max mode, 81 dB(A) Eco mode	83 dB(A) Max mode, 82 dB(A) Eco mode
-	-	-	-
ISO11201	ISO11201	ISO11201	ISO11201



7500A E-CUT

7500A

8000A E-CUT

E-Cut Hybrid fairway mower

PrecisionCut fairway mower

### Engine

Type	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel
Maximum rated power as per SAE J1995, kW (hp)	27.3 (37.1) at 2,600 rpm	31 (41.6) at 2,800 rpm	31 (41.6) at 2,800 rpm
Displacement, L	1.50	1.57	1.57
Air cleaner	2-stage dry element	2-stage dry element	2-stage dry element
Fuel	Diesel	Diesel	Diesel
Cooling system	Liquid centrifugal pump	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	eHydro electronic-controlled hydrostatic pump to wheel motors
Reel drive	N/A due to electric drive reel circuit	Tandem gear pump	N/A due to electric drive reel circuit
Steering	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder
Front drive tyres	26.5×14 – 12 turf	26.5×14 – 12 turf	24x13-12 smooth drive and steering tyres
Ground pressure, psi	10	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	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
ROPS	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard

### Controls

Throttle	Hand throttle at operator's right	Hand throttle at operator's right	Hand throttle at operator's right
Forward/reverse	2-pedal	2-pedal	2-pedal
Mower lift	One-touch single handle	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	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	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
PTO	Electric switch on CommandARM	Electric switch on CommandARM	Electric switch on CommandARM
4WD	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	GRIP All Wheel Drive Traction System; AWD in mow and transport. Hydraulic flow links wheel motors together for excellent traction.
Tilt steering	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment
TechControl Display	Yes	Yes	Yes

### Mower

Number of units	5	5	5
Size, mm (in.)	Quick Adjust QA5 559 (22)	Quick Adjust QA5 559 (22)	Quick Adjust QA5 457 (18)
Total cutting width, m (in.)	2.54 (100)	2.54 (100)	2.03 (80)
Cutting height, mm (in.)	2.0 - 28.5 (0.078 - 1.125)	2.0 - 28.5 (0.078 - 1.125)	2.0 - 28.5 (0.078 - 1.125) requires optional bedknife for lowest HOC and 3 inch roller for highest

### Frequency of clip (FOC)

11-blade QA5, mm/km/h	0.69	0.69	0.69
7-blade QA5, mm/km/h	1.09	1.09	1.09
Rollers, mm (in.)	51 (2) front and rear; 76 (3) optional; 63 (2.5) front optional	51 (2) front and rear; 76 (3) optional; 63 (2.5) front optional	51 (2) front and rear; 76 (3) optional; 63 (2.5) front optional
Reel diameter (std. cutting unit), mm (in.)	127 (5)	127 (5)	127 (5)

### Dimensions and weight

Height with ROPS, m (in.)	2.20 (87)	2.20 (87)	2.11 (83)
Length with catchers, m (in.)	3.23 (127)	3.23 (127)	2.92 (115)
Transport width, m (in.)	2.21 (87)	2.21 (87)	2.31 (91)
Mowing position width, m (in.)	2.87 (113)	2.87 (113)	2.36 (93)
Weight (full fluids, no operator or fuel), kg (lb)		1,535 (3,384)	

### Ground speed

Mowing, km/h	0 – 12.8	0 – 12.8	0 – 10
Transport, km/h	0 - 18.5	0 - 18.5	0 – 14
Reverse, km/h	0 – 6.4	0 – 6.4	0 – 6.4

**7700A****8700A****8900A****PrecisionCut fairway mower****Large-area reel mower****Engine**

Type	Direct inject turbocharged 3-cylinder diesel	Direct inject turbocharged 4-cylinder diesel	Direct inject turbocharged 4-cylinder diesel
Maximum rated power as per SAE J1995, kW (hp)	27.3 (37.1) at 2,600 rpm	36.2 (49.2) at 2,600 rpm	36.7 kW (49.2 hp) at 2,600 rpm (Stage III A) / 41.1 kW (55.9 hp) at 2,800 rpm (Stage V)
Displacement, L	1.50	2.19	2.19
Air cleaner	2-stage dry element	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal pump	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	eHydro servo controlled hydraulic traction pump
Reel drive pump	Tandem gear pump	Tandem gear pump	Tandem gear pump
Steering	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder	Hydraulic power with double acting steering cylinder
Front drive tyres	26.5×14 – 12 turf	26.5×14 – 12 turf	26.5×14 – 12 turf
Rear tyres	20x10-8 turf	20x10-8 turf	20x10-8 turf
Ground pressure, psi	10	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	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
ROPS	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard	Standard; meets ISO 21299 Standard

**Controls**

Throttle	Hand throttle at operator's right	Hand throttle at operator's right	No trottle lever; Automatic controls with AutoPedal foot controls; manual control through TechControl display
Forward/reverse	2-pedal	2-pedal	2-pedal
Mower lift	One-touch single handle	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	Electric Switch on CommandARM for Internal Wet Disk Brakes
Seat	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment	Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
PTO	Electric switch on CommandARM	Electric switch on CommandARM	Electric Switch on CommandARM
4WD	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.	Standard GRIP All Wheel Drive Traction System; always engaged in mow or transport
Tilt steering	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment	Left Foot operated for easy adjustment
TechControl Display	Yes	Yes	Yes

**Mower**

Number of units	5	5	5
Size, mm (in.)	Quick Adjust QA7 559 (22)	Quick Adjust QA7 559 (22)	Quick Adjust QA7 660 (26) or 760 (30)
Total cutting width, m (in.)	2.54 (100)	2.54 (100)	2.90 (114) or 3.30 (130)
Cutting height, mm (in.)	6.3 - 50.8 (0.25 - 2.0)	6.3 - 50.8 (0.25 - 2.0)	6.3 - 50.8 (0.25 - 2.0)
Rollers, mm (in.)	76 (3)	76 (3)	76 (3)
Reel diameter (std. cutting unit), mm (in.)	178 (7)	178 (7)	178 (7)

**Frequency of clip (FOC)**

10-blade QA7, mm/km/h	1.06	1.06	1.06
8-blade QA7, mm/km/h	1.33	1.33	1.33

**Dimensions and weight**

Height with ROPS, m (in.)	2.20 (87)	2.20 (87)	2.20 (87)
Length, m (in.)	2.83 (111)	2.83 (111)	2.83 (111)
Length with catchers, m (in.)	3.23 (127)	3.23 (127)	3.23 (127)
Transport width, m (in.)	2.21 (87)	2.21 (87)	QA7 with 660 (26) is 2.19 (86.38) or with 760 (30) is 2.39 (93.9), In back 220.6 (86.85)
Mowing position width, m (in.)	2.87 (113)	2.87 (113)	QA7 with 660 (26) is 3,275 (129) or with 760 (30) is 3,695 (145)
Weight (full fluids, no operator or fuel), kg (lb)	1,610 (3,549)	1,635 (3,605)	1,715 (3,781)

**Ground speed**

Mowing, km/h	0 – 12.8	0 – 12.8	0 – 12.8
Transport, km/h	0 – 20.12	0 – 20.12	0 – 20.12
Reverse, km/h	0 – 6.4	0 – 6.4	0 – 6.4



## 2653B

### PrecisionCut trim and surrounds mower

#### Engine

Type	3-cylinder liquid-cooled diesel
Maximum rated power per SAE J1995, kW (hp)	14.6 (19.9) at 3,000 rpm
Displacement, L	0.99
Air cleaner	Dual stage, restriction indicator

#### 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 × 10 – 10 turf
Rear tyre	20 × 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
PTO	electrical switch
Throttle	Hand
Hydrostatic speed control	Foot
Ignition	Key switch, automatic glow plug
Mow Lift	Hand Lever

#### Instrumentation

Parking brake	Mechanical
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, m (in.)	2.08 (82)
Tread width, m (in.)	1.32 (52)
Mowing position width, m (in.)	1.83 or 2.13 (72 or 84)
Wheelbase, m (in.)	1.40 (55)
Turning radius, uncut circle, mm (in.)	508 (20)
Length, m (in.)	2.36 (93)
Weight (full fluids, no operator, no fuel), 26 in units raised, kg (lb)	863 (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, mm (in.)	Quick Adjust QA7 660 (26) or QA7 760 (30)
Number of blades	5 or 8
Backlapping	Standard

#### Frequency of clip (FOC)

5-blade cutting unit, mm/kmh	3.17
8-blade cutting unit, mm/kmh	1.99
Front rollers, mm (in.)	76 (3) grooved, solid or spiral (Optional)
Reel diameter, mm (in.)	178 (7)
Bedknife adjustment	Reel-to-bedknife



**7200A****PrecisionCut trim and surrounds mower****7400A****TerrainCut trim and surrounds mower****Engine**

Type	3-cylinder diesel	Direct inject turbocharged 3-cylinder diesel
Maximum rated power per SAE J1995, kW (hp)	18.4 (24.7) at 3,000 rpm	27.3 (37.1) at 2,600 rpm
Displacement, L	1.27	1.27
Air cleaner	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal pump	Liquid centrifugal pump

**Vehicle**

Traction drive	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System
Cutting units drive pump	–	Gear
Reel drive pump	Gear	–
Hydraulic system capacity, L	37.8	45.4
Fuel tank capacity, L	45.4	45.4
Steering	Hydraulic power with double-acting steering cylinder	Hydraulic power with double-acting steering cylinder
Front drive tyres	24 × 12 – 12 turf trac	24 × 12 – 12 turf trac
Steering tyres	24 × 12 – 12 multi trac	24 × 12 – 12 multi trac
Ground pressure, psi	15 psi	14 psi
Brakes	Internal hydraulic wet disc brakes	Internal hydraulic wet disc brakes
ROPS with seat belts	Deluxe suspension seat with seat belts; ISO 21299 Standard pending	Standard; ISO 21299 Standard pending

**Controls on**

Width on demand	One touch switch	One touch switch
Front cutting units shift for trimming	Selector switch and extend/retract switch	Selector switch and extend/retract switch
Throttle	Hand throttle	Hand throttle
Mower lift	One-touch single handle	One-touch single handle
PTO	Electric switch on CommandARM	Electric switch on CommandARM
Ignition	Key start	Key start
Work lights	Switch on CommandARM	Switch on CommandARM
Instrument cluster	Machine warnings, onboard electrical diagnostics, service timers, settings for mow and transport speed, turn speed, loadmatch	Machine warnings, onboard electrical diagnostics, service timers, settings for mow and transport speed, turn speed, LoadMatch

**Operator environment**

Seat	Deluxe suspension seat with seat belts; fore/aft adjustment, weight and lumbar adjustment	Deluxe suspension seat with seat belts; fore/aft adjustment, weight and lumbar adjustment
Parking brake	Electric switch on CommandARM for internal wet disc brakes	Electric switch on CommandARM for Internal wet disc brakes
Tilt steering	Foot-operated	Foot-operated
Forward/reverse	Dual pedal	Dual pedal

**Dimensions and weight**

Height with ROPS, m (in.)	2.13 (84)	2.13 (84)
Length, m (in.)	3.34 (133)	3.34 (133)
Width, m (in.)	1.73 (68); 1.83 (72) width on demand	1.79 (70.5) with 1.73 (68) cutting width; 1.94 (76.5) with 1.88 (74) cutting width
Wheelbase, m (in.)	1.58 (62)	1.58 (62)
Mowing, km/h	0 – 10	0 – 10
Transport, km/h	0 – 14	0 – 14
Reverse, km/h	0 – 10	0 – 6.4
Weight, less operator, kg	1,039 (2,290) – cutting units lowered	1,216 (2,680) decks up; 1,016 (2,240) decks down

**Mower**

Number	3 reel cutting units	3 rotary decks; no tool-adjustment cutting height
Size, mm (in.)	Quick Adjust QA7 660 (26) or QA7 760 (30)	668.6 (27)
Number of blades	5 or 8	1 per deck (in total 3)
Backlapping	Standard; pressure sensing flow compensation backlap valve for constant reel speed, manual reel speed adjustment	–
Total cutting width, m (in.)	1.73 (68) or 1.83 (72); Width-on-Demand System	1.73 (68) or 1.88 (74); Width-on-Demand System
Cutting height, mm (in.)	9 – 63 (0.35 – 2.48)	19 – 102 (0.75 – 4) no tool adjustment

**Frequency of clip (FOC)**

Five-blade cutting unit, mm/kmh	3.17	–
Eight-blade cutting unit, mm/kmh	1.99	–
Front rollers, mm (in.)	76 (3) grooved, solid, or spiral (Optional)	–
Reel diameter mm (in.)	178 (7)	–
Bedknife adjustment	Reel-to-bedknife	–



**8800A**  
TerrainCut rough mower

**9009A**

### Engine

Type	Direct inject turbocharged 4-cylinder diesel	Direct inject turbocharged 4-cylinder diesel
Maximum rated power per SAE J1995, kW (hp)	36.2 (49.2) at 2,600 rpm	41.1 (55.9) at 2,800 rpm
Displacement, L	2.19	2.09
Air cleaner	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal pump	Liquid centrifugal pump

### Vehicle

Traction drive	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System
Deck drive pump	Tandem gear pump	Tandem gear pump
Deck drive	Direct-coupled hydraulic gear motor	Direct-coupled hydraulic gear motor
Hydraulic system capacity, L	45.4	45.4
Fuel tank capacity, L	60.6	60.6
Steering	Hydraulic power with dual rod, double-acting steering cylinder	Hydraulic power with dual rod, double acting steering cylinder
Front drive tyres	26 × 12 – 12 Multi Trac	26.5 × 12 – 12 Ultra Trac
Steering tyres	20 × 12 × 10 – 8 turf	20 × 12 × 10 – 8 turf
Ground pressure, psi	12 – 18	12 – 18
Brakes	Internal hydraulic wet disc brakes	Internal hydraulic wet disc brakes with dynamic braking through closed loop hydrostatic system
ROPS with seat belts	Standard, ISO 21299	Standard, ISO 21299
Operating weight wet (cutting units raised), kg (lb)	1,542 (3,400)	1,814 (4,000)

### Controls on operator CommandARM

Throttle	No throttle lever; Automatic controls with AutoPedal foot controls; manual control through TechControl display	No throttle lever; Automatic controls with AutoPedal foot controls; manual control through TechControl display
Mower lift	One-touch single handle	One-touch single handle
PTO	Electric Switch on CommandARM for quick and easy transition from mow to transport	Electric Switch on CommandARM for quick and easy transition from mow to transport
4WD	Standard GRIP All Wheel Drive Traction System; always engaged in mow or transport	Standard GRIP All Wheel Drive Traction System; always engaged in mow or transport
Brakes	Electric Switch on CommandARM for Internal Wet Disc Brakes	Electric Switch on CommandARM for Internal Wet Disc Brakes

### Controls

Seat	Deluxe suspension	Air Ride Suspension seat with seat belts and arm rest; fore/aft adjustment; weight and lumbar adjustment
Parking brake	Electric Switch on CommandARM for Internal Wet Disc Brakes	Electric Switch on CommandARM for Internal Wet Disc Brakes
Tilt steering	Left Foot operated for easy adjustment	Left Foot operated for easy adjustment
Forward/reverse	Dual pedal	Dual pedal
Operator display	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 Weight Transfer and Cruise Control Use selection; Cutting unit drop rate adjustment; ALL settings are pass code protected	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 Weight Transfer and Cruise Control Use selection; Cutting unit drop rate adjustment; ALL settings are pass code protected

### Dimensions and weight

Height with ROPS, m (in.)	2.22 (87.4)	2.22 (87.4)
Length, m (in.)	3.34 (133)	3.39 (134)
Width, m (in.)	2.21 (87)	2.29 (90)
Mowing width, m (in.)	2.23 (88)	2.74 (108)
Mowing, km/h	0 – 12.8	0 – 12.8
Transport, km/h	0 – 20.12	0 – 20.12
Reverse, km/h	0 – 6.4	0 – 6.4
Weight (full fluids, no operator or fuel), kg (lb)	1,595 (3,516)	1,830 (4,034), decks up

### Cutting units

Cutting deck width, mm (in.)	533 (21)	685.8 (27)
Cutting height range, mm (in.)	25.4 - 102 (1 - 4); no tool adjustment	19 - 102 (0.75 - 4) no tool adjustment
Deck construction	Single 10-gauge steel stamped deck with front skid plate 38mm (1.5 in) tall and 12.7 mm (0.5 in) thick steel stock welded to the decks edge.	Single 10-gauge steel stamped deck with front skid plate 38mm (1.5 in) tall and 12.7 mm (0.5 in) thick steel stock welded to the decks edge.
Rear roller diameter, mm (in.)	76 (3)	76 (3)
Front rollers, mm (in.)	102 (4) diameter by 127 (5) wide	127 (5)



**1550      1570      1575      1580      1585**

**TerrainCut front mowers**

**Engine**

Type	3-cylinder liquid-cooled Diesel	3-cylinder liquid-cooled Diesel	3-cylinder liquid-cooled Diesel	3-cylinder liquid-cooled Diesel	3-cylinder liquid-cooled Diesel
Maximum rated power per, SAE J1995, kW (hp)	17.8 (24.2) at 3,000 rpm	27.5 (37.4) at 2,800 rpm	27.5 (37.4) at 2,800 rpm	27.5 (37.4) at 2,800 rpm	27.5 (37.4) at 2,800 rpm
Displacement, L	1.26	1.64	1.64	1.64	1.64
Injection	Indirect	Direct	Direct	Direct	Direct
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Traction Drive	Single Speed 4WD	Single Speed 4WD	Single Speed 4WD	Two speed 4WD	Two 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	0 – 8	0 – 8	0 – 8	0 – 8	0 – 8
Front Tyres	23 × 10.5 – 12	23 × 10.5 – 12	23 × 10.5 – 12	26 × 12.0 – 12	26 × 12.0 – 12
Rear Tyres	18 × 8.5 – 10	18 × 8.5 – 10	18 × 8.5 – 10	20 × 10.0 – 10	20 × 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	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
ComfortCab	No	No	Yes	No	Yes
GLC1500 Collector	No	Yes – 600 L capacity	No	Yes – 600 L capacity	Yes – 600 L capacity

**Dimensions and weight**

Ground clearance, mm (in)	165 (6.5)	165 (6.5)	165 (6.5)	199 (7.8)	199 (7.8)
Height with ROPS, m (in)	2.12 (83.5)	2.12 (83.5)	-	2.16 (84.8)	-
Height with ROPS folded, m (in)	1.49 (58.8)	1.49 (58.8)	-	1.53 (60.3)	-
Height with cab, m (in)	-	-	2.13 (83.7)	-	2.16 (85.2)
Overall length without mower deck, m (in)	2.22 (87.3)	2.22 (87.3)	2.22 (87.3)	2.22 (87.3)	2.22 (87.3)
Overall width of power unit, m (in)	1.31 (51.7)	1.31 (51.7)	1.31 (51.7)	1.41 (55.5)	1.48 (58)
Wheelbase, m (in)	1.25 (49.2)	1.25 (49.2)	1.25 (49.2)	1.25 (49.2)	1.25 (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)



**1600T Series III**

**Wide-area mowers**

**Engine**

Type	Direct inject turbocharged 4-cylinder diesel
Maximum rated power kW (hp), gross SAE J1995	44 (60) at 3,000 rpm
Max. torque	159 Nm at 3,000 rpm
Displacement, L	2.09
Injection	Direct
Air Cleaner	Dual-element dry type
Fuel Tank Capacity, L	83.3
<b>Transmission</b>	Hydrostatic, wheel motors

**Travel Speeds (infinite)**

Forward Max, km/h	24
Forward Low range, km/h	14.5
Speed and Direction Control	Two pedal
Brakes	Internal wet disc – steering brakes standard
4WD	On demand and full time – forward only
Differential lock	Standard – foot activated
Weight transfer	No

**Dimensions and weight**

Vehicle Height with ROPS, m (in)	2.49 (98)
Vehicle height with ROPS folded, m (in)	1.88 (74)
Overall Length with mowing decks, m (in)	3.35 (132)
Ground Clearance, mm (in)	165 (6.5)
Wheelbase, m (in)	1.52 (60)

**Weight**

Weight including deck(s) with ROPS, kg (lb)	2,109 (4,650)
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**Tyres**

Front	26 × 12-12
Rear	18 × 9.5-8

**Seat**

	Comfort Seat, air ride seat standard
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**800****Walk-behind aerator****Engine**

Type	4 cycle petrol with electric starter and 1 dual element air filter
Horsepower, kW (hp)	18.6 (25)* at 3,600 rpm
Displacement, L	0.73
Fuel Capacity, L	18.9

**Coring**

Transmission (Coring)	Mechanical 1st, 2nd, 3rd and 4th gear
Transmission (Transport), km/h	5.6
Coring Head Drive	Matched dual v-belts
Lift System	Electro-hydraulic, electric pump, single hydraulic actuator
Width, mm (in)	800 (31.5)
Depth, mm (in)	Up to 88.9 (3.5)
1st gear coring pattern, mm (in)	36x36 w/mini tines, (1.4x1.4)
2nd gear coring pattern, mm (in)	50x50 (2.0x2.0)
3rd gear coring pattern, mm (in)	65x50 (2.6x2.0)
4th gear coring pattern, mm (in)	75x50 (2.9x2.0)

**Productivity**

1st gear, sq m/hr	1,024 sq m/hr
2nd gear, sq m/hr	1,440 sq m/hr
3rd gear, sq m/hr	1,933 sq m/hr
4th gear, sq m/hr	2,123 sq m/hr
Weight, kg (lb)	595 (1,312)
Height, m (in)	1.11 (44)
Width, m (in)	1.47 (58)
Length, m (in)	2.13 (84)

**Dimensions and weight**

Height, m (in.)	1.11 (44)
Length, m (in.)	2.13 (84)
Width, m (in.)	1.47 (58)
Weight, kg (lb)	595 (1,312)

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

**1000****1500****2000****Tractor mounted aerators****Machine**

Coring width, mm (in.)	1,016 (37.5)	1,524 (57.5)	1,906 (77.5)
Coring depth, mm (in)	Up to 100 (4)	100 (4)	100 (4)
Coring pattern Option 1, mm (in)	Variable 61x51-127 (2.4x2.0-5.0) with 4X tine holders	Variable 61x51-127 (2.4x2.0-5.0) with 4X tine holders	Variable 61x51-127 (2.4x2.0-5.0) with 4X tine holders
Coring pattern Option 2, mm (in)	Variable 81.3x50-125 (3.2x2.0-5.0) with 3X tine holders	Variable 81.3x50-125 (3.2x2.0-5.0) with 3X tine holders	Variable 81.3x50-125 (3.2x2.0-5.0) with 3X tine holders

**Productivity**

61x50 mm (2.4x2.0 in), sq m/hr	1,859	2,789	3,718
61x64 mm (2.4x2.5 in) sq m/hr	2,324	3,486	4,608
61x76 mm (2.4x3.0 in) sq m/hr	2,789	4,183	5,578
61x101 mm (2.4x4.0 in) sq m/hr	3,718	5,578	7,436
61x111 mm (2.4x4.38 in) sq m/hr	4,069	6,102	8,138
61x127 mm (2.4x5.0 in) sq m/hr	4,648	6,972	9,296

**Tine sizes, tubular**

Option 1, mm (in)	25.4 (1)	25.4 (1)	25.4 (1)
Option 2, mm (in)	19 (3/4)	19 (3/4)	19 (3/4)
Option 3, mm (in)	16 (5/8)	16 (5/8)	16 (5/8)
Option 4, mm (in)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
Option 5, mm (in)	10 (3/8)	10 (3/8)	10 (3/8)

**Tine sizes, open side**

Option 1, mm (in)	25.4 (1)	25.4 (1)	25.4 (1)
Option 2, mm (in)	22.23 (7/8)	22.23 (7/8)	22.23 (7/8)
Option 3, mm (in)	20.64 (13/16)	20.64 (13/16)	20.64 (13/16)
Option 4, mm (in)	19 (3/4)	19 (3/4)	19 (3/4)
Option 5, mm (in)	16 (5/8)	16 (5/8)	16 (5/8)
Option 6, mm (in)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
Option 7, mm (in)	10 (3/8)	10 (3/8)	10 (3/8)
Option 8, mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)

**Tine sizes, solid**

Option 1, (mm)	Needle tines – 5 and 8	Needle tines – 5 and 8	-
Option 2, mm (in)	16 (5/8)	16 (5/8)	16 (5/8)
Option 3, mm (in)	10 (3/8)	10 (3/8)	10 (3/8)
Option 4, mm (in)	Cross with 10 (3/8) rib	Cross with 10 (3/8) rib	Cross with 10 (3/8) rib
Option 5, mm (in)	Super Cross with 10 (3/8) rib	Super Cross with 10 (3/8) rib	Super Cross with 10 (3/8) rib

**Dimensions and weight**

Weight, kg (lb)	392 (865)	499 (1,100)	772 (1,728)
Height, m (in)	0.99 (39)	0.99 (39)	0.99 (39)
Width, m (in)	1.16 (45.7)	1.66 (65.5)	2.18 (85.7)
Length, m (in)	0.85 (33)	0.85 (33)	0.85 (33)



### TC125

#### Collection system

#### Machine information

Vehicle requirements	Powered by either a compact utility tractor or HDUV with a selective control valve (SCV). Hydraulic requirements – 23 L/m, 2,000 psi (13.8 mPa) minimum continuous
Gathering width, mm (in.)	1,219 (48)
Hopper capacity, m <sup>3</sup> (cu ft)	0.71 (25)
Hitch	Attaches with standard 19 mm (0.75 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, mm (in.)	Brush aggressiveness and flotation is controlled by a 152.4 (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 × 14 – 12

#### Dimensions and weight

Height, m (in.)	1.63 (64) lowered; 3.68 (145) raised
Length, m (in.)	3.51 (138)
Width, m (in.)	2.39 (94)
Weight, kg (lb)	555 (1,220)
Dump height clearance, m (in.)	1.20 (49)



### TD100

#### Top dresser

#### Machine information

Vehicle requirements	Powered by a HDUV with a selective control valve (SCV). Hydraulic requirements – 23 L/m, 2,000 psi (13.8 mPa) minimum continuous
Drive	Hydraulic motor, based on ProGator engine rpm; controlled by ProGator auxiliary hydraulic control operated from drivers seat
Lift	Using ProGator auxiliary hydraulic kit, operated from drivers seat
Mounting	Two pins at rear, one pin at lift cylinder

#### Hopper

Rated capacity	max 680 kg (1,500 lb) leveld 0.35 m <sup>3</sup> (12 cu ft) heaped 0.54 m <sup>3</sup> (19 cu ft)
Size	Top: 1,460x910 mm (57.625x36 in) Bottom: 1,460x610 mm (57.625x24 in) Depth 406 mm (16 in)
Spreat width m (in)	1.42 m (56 in)
Material	Galvanised Steel

#### Conveyor belt

Material	Nylon/polyester cord, textured, rubber coating
Constraction	endless belt
Width, m (in.)	1.42 (56)

#### Brush

Material	Polypropylene
Diameter, mm (in)	229 (9)
Speed of rotation	190 (motor at 44) rpm

#### Metering

Type	fixed-speed belt, adjustable metering gate
Metering gate adjustment	infinite 0 - 76.2 mm in height (0 - 3 in)
Controls	two hand levers, one to adjust, one to lock

#### Dimensions and weight

Height, mm (in.)	635 (25)
Length, m (in.)	1.31 (51.5)
Width, m (in.)	1.64 (64.5)
Overall height mounted on vehicle, m (in)	1.30 (51)
Weight, kg (lb) empty	311 (685)
Shipping Weight, kg (lb)	367 (810)



**1200A**  
**Bunker and field rake**



**1200H**

### Engine

Type	4-cycle, air-cooled	4-cycle, air-cooled
Maximum rated power, kW (hp)*	10.1 (13.5) at 3,600 rpm	11.9 (16) at 3,600 rpm
Displacement, L	0.40	0.48
Compression ratio	8.4:1	8.5:1
Lubrication	Full-pressure	Full-pressure
Oil filter	Standard	Standard
Spark arrester muffler	Standard	Standard
Idle speed, rpm	1,175 ± 75 low speed 3,100 ± 75 fast speed	low speed 1,750 rpm fast speed (low loads) 3,100 rpm

### Electrical system

Type	12 volt, 13-amp regulated	12 volt, 20 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	Petrol	Petrol

### Transmission

Type	Belt-driven torque converter with Kanzaki gear-driven transaxle	Hydrostatic with 3 hydraulic motors
Fluid capacity, L	2.3	12.2

### Travel speed

Forward, km/h	Variable, 0 - 20.3	0 - 16.9
Reverse, km/h	Variable, 0 - 20.3	0 - 16.9

### Brakes

Type	Mechanically operated disc with parking brake	Dual rear wheel parking brakes; dynamic braking provided by closed loop hydrostatic powertrain
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### Tyres

Front	One 22.5 × 10 - 8, 2 PR high flotation	One 22 × 11 × 8 NHS 34.5 kPa - 5 psi
Rear	Two 25 × 12 - 9, 2 PR high flotation	Two 22 × 11 × 8 NHS 34.5 kPa - 5 psi

### Dimensions and weight

Width, m (in)	1.47 (58)	1.87 (73.5)
Height, m (in)	1.04 (41)	1.14 (45)
Length, m (in)	1.68 (66)	2.16 (85)
Wheelbase, m (in)	1.05 (41.5)	1.19 (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)	404 (890)
Rear-hitch towing capacity, kg (lb)	227 (500)	-

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

**HPX615E****HPX815E****Work series Gator****Engine**

Type	0.67 L, 2-Cylinder, Petrol	0.85 L, 3-Cylinder, Diesel
Maximum rated power, kW (hp)	15.7 (21) at 2,500 rpm	13.6 (18.5) at 3,400 rpm
Cooling System	Liquid	Liquid
Fuel Tank, L	20.1	20.1
<b>Power steering</b>	No	No
<b>4-Wheel drive</b>	Yes	Yes

**Drive System**

Type	2-speed CVT (Continuously Variable Transmission)	2-speed CVT
Ground Speed, km/h	0 – 40 Forward	0 – 40 Forward
Differential Lock	Auto-Locking (Front) / Positive Locking, Mechanically Actuated-Hand-Operated (Rear)	Auto-Locking (Front) / Positive Locking, Mechanically Actuated-Hand-Operated (Rear)
Brakes	Front / Rear Hydraulic Disc	Front / Rear Hydraulic Disc
Suspension, Front	Independent with McPherson Strut	Independent with McPherson Strut
Suspension, Rear	Coil-Over-Shock	Coil-Over-Shock
Suspension Travel, mm (in.)	131 (5.2) Front & 90 (3.5) Rear	131 (5.2) Front & 90 (3.5) Rear

**Dimensions and weight**

Dimensions (W×L×H), m (in.)	1.51 × 2.87 × 1.87 (59.45 x 112.99 x 73.62)	1.51 × 2.87 × 1.87 (59.45 x 112.99 x 73.62)
Weight (Including Fluids), kg (lb)	705 (1,554)	717 (1,581)
Towing Capacity, kg (lb)	590 (1,301)	590 (1,301)
Payload Capacity, kg (lb)	635 (1,400)	635 (1,400)

**Ground clearance**

Under Transaxle: 152	Under Transaxle: 152
Under Foot Platform: 305	Under Foot Platform: 305

**Deluxe cargo box**

Type / Material	Deluxe (Polypropylene Side Panels and Tailgate; Steel Floor and Load Guard)	Deluxe (Polypropylene Side Panels and Tailgate; Steel Floor and Load Guard)
Dimensions (L×W×D), mm	1,143 × 1,320 × 305	1,143x1,320x305
Volume, L	320	320
Capacity, kg	454	454

**Tyres**

Front	24 × 9.5 – 10, 4 PR High Performance All Purpose (HPAP) 24 × 9.5 – 10, 4 PR High Performance All Terrain (HPAT) 24 × 9.5 – 10, 4 PR Turf	24 × 9.5 – 10, 4 PR High Performance All Purpose (HPAP) 24 × 9.5 – 10, 4 PR High Performance All Terrain (HPAT) 24 × 9.5 – 10, 4 PR Turf
Rear	24 × 10.5 – 10, 4 PR High Performance All Purpose (HPAP) 24 × 12 – 10, 4 PR High Performance All Terrain (HPAT) 24 × 12 – 10, 4 PR Turf	24 × 10.5 – 10, 4 PR High Performance All Purpose (HPAP) 24 × 12 – 10, 4 PR High Performance All Terrain (HPAT) 24 × 12 – 10, 4 PR Turf
Colours	Green & Yellow	Green & Yellow
Seating Capacity	2	2



ProGator 2030A



ProGator 2020A

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**Heavy-duty work series Gator**


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**Engine**

Type	1.27 L, 3-Cylinder, diesel	0.97 L, 4-Cylinder, petrol
Maximum rated power, kW (hp)	17.6 (23.6) at 3,200 rpm	25.4 (34) at 3,600
Valves	Overhead	Overhead
Lubrication	Full pressure	Full pressure
Cooling System	Liquid	Liquid
Air filter	Replaceable dual dry-type	Replaceable dual dry-type
Air Filter restriction indicator	Standard	Standard
Fuel Tank, L	30.3	30.3

**Power steering**

Yes	Yes
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**4-Wheel drive**

Yes, Optional	Yes, Optional
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**Drive system**

Type	5-speed Synchromesh with Five Forward Gears and One Reverse Gear	5-speed Synchromesh with Five Forward Gears and One Reverse Gear
Ground Speed, km/h	0 – 31 Forward	0 – 31 Forward
Differential Lock	Standard, Hand-Operated	Standard, Hand-Operated
Brakes	4-wheel hydraulic drum	4-wheel hydraulic drum
Suspension, Front	Dual Leaf Springs and Shocks	Dual Leaf Springs and Shocks
Suspension, Rear	Dual Leaf Springs and Shocks	Dual Leaf Springs and Shocks

**Dimensions and weight**

Dimensions (W×L×H), m	1.59×3.29×1.94	1.59×3.29×1.94
Weight (Including fluids, standard suspension), kg (lb) – 2WD	856 (1,887) (Base Machine, no driver, no passenger, no loaded attachment)	857 (1,890) (Base machine, no driver, no passenger, no loaded attachment)
Weight (Including Fluids, standard suspension), kg (lb) – 4WD	915 (2,017)	919 (2,026)
Towing Capacity, kg (lb)	680 (1,500)	680 (1,500)
Payload Capacity, kg (lb) 2wd standard suspension	1,594 (3,514)	1,594 (3,514)
Payload Capacity, kg (lb) 4wd standard suspension	1,535 (3,384)	1,535 (3,384)

**Ground clearance**

Under Transaxle: 168 mm	Under Transaxle: 168 mm
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**Deluxe cargo box**

Type / Material	Steel	Steel
Dimensions (L×W×D), mm	1,600×1,283×267	1,600×1,283×267
Volume, L	550	550
Capacity, kg (lb)	907 (2,000)	907 (2,000)

**Tyres**

Front	23×10.50 – 12, 4 PR Industrial Trax 22×9.5 – 12, 4 PR Smooth Tyres	23×10.50 – 12, 4 PR Industrial Trax 22×9.50 – 12, 4 PR Smooth Tyres
Rear	26×12.00 – 12, 4 PR MultiTrac C/S 26×14.00 – 12, 4 PR MultiTrac C/S 26×14.00 – 12, 4 PR Smooth Tyres 26×14.00 – 12, 4 PR Fairway Tyres	26×12.00 – 12, 4 PR MultiTrac C/S 26×14.00 – 12, 4 PR MultiTrac C/S 26×14.00 – 12, 4 PR Smooth Tyres 26×14.00 – 12, 4 PR Fairway Tyres
Colours	Green & Yellow	Green & Yellow
Seating Capacity	2	2





HD200 SelectSpray



HD300 SelectSpray

**Machine information****Vehicle requirements****Sprayer**

Powered by HDUV ProGator 2030 with a selective control valve (SCV). Hydraulic requirements – 23 L/m, 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit; need to be ordered separately

**Sprayer**

Powered by HDUV ProGator 2030 with a selective control valve (SCV). Hydraulic requirements – 23 L/m, 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit; need to be ordered separately

**Sprayer**

Tank	High density polyethylene	High density polyethylene
Frame	Welded steel	Welded steel
Capacity, L	757	1,136
Agitation	Jet agitation adjusted by proportional control valve; 7.9 mm / 0.313 (5/16) in orifice	Single jet - 7.9 mm / 0.313 (5/16) in orifice
Pressure/flow regulator	Electric	Electric
Filter	100 mesh, self-cleaning	100 mesh, self-cleaning
Boom shutoff valves	Electric	Electric
Throttling valves	Standard; adjustable	Standard; adjustable

**Rinse tank**

Capacity gross, L	75	75
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**Diaphragm pump**

Number of diaphragms	3	3
Lubrication	Oil	Oil
PTO	Hydraulically driven motor	Hydraulically driven motor
Max flow, L/min	113.9	113.9
Max pressure, bar (psi)	20 (290)	20 (290)
Relief pressure, bar (psi)	13.8 (200)	13.8 (200)

**Automatic rate controller**

Type	Weather-resistant control box with electronic control switches and digital pressure display; removable without tools for storage	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, auto/manual	Individual boom on/off, boom master, foam marker, boom lift/lower, pressure increase/decrease, auto/manual
Pressure sensor, bar (psi)	25 (363)	25 (363)
Gauges	Digital speed, digital pressure, digital tank sight gauge and digital flow rate on rate controller screen	Digital speed, digital pressure, digital tank sight gauge and digital flow rate on rate controller screen
Rate control	Constant pressure or constant flow	Constant pressure or constant flow

**Booms**

Construction	Heavy duty 14-gauge square tubing	Heavy duty 14-gauge square tubing
Number of sections	3	3
Breakaway	Bidirectional	Bidirectional
Boom height	Adjustable	Adjustable
Lift systems	Electro-hydraulic standard	Electro-hydraulic standard
Width, m (ft)	5.5 (18) or 4.6 (15) / 6.4 (21)	5.5 (18) or 4.6 (15) / 6.4 (21)
Nozzle configuration	Triple-nozzle bodies on 50 cm (20 in) spacing	Triple-nozzle bodies on 50 cm (20 in) spacing
Shut off	Section	Section

**Foam marker**

Type	Electric	Electric
Pump	Individual air and liquid pumps, solution mixes at foamer head	Individual air and liquid pumps, solution mixes at foamer head
Rate	Adjustable with no tools by turning rotary knob on foamer box	Adjustable with no tools by turning rotary knob on foamer box

**Mounting**

Removal	3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools	3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools
Storage	Optional storage stands	Optional storage stands

**Dimensions 5.4 m (18 ft) boom**

Boom height (wings raised), m (in)	2.28 (99)	2.39 (94)
Boom width (wings raised), m (in)	1.80 (71)	1.80 (71)
Boom width (wings lowered), m (in)	5.14 (203)	5.14 (203)

**Dimensions 4.6/6.4 m (15/21 ft) boom**

Boom height (wings raised and extensions folded), m (in)	1.78 (70)	1.78 (70)
Boom height (wings raised and extensions folded), m (in)	2.52 (99)	2.52 (99)
Boom width (wings raised), m (in)	2.52 (99)	2.52 (99)
Boom width (wings lowered and extensions folded), m (in)	4.78 (188)	4.78 (188)
Boom width (wings lowered and extensions extended), m (in)	6.15 (242)	6.15 (242)



### ProGator 2030A GPS PrecisionSprayer

#### Machine information

Vehicle requirements	Powered by ProGator 2030A, 17.8 kW (24.2 hp) diesel engine, with a selective control valve (SCV).
4-Wheel drive	Yes, optional
Maximum gross vehicle weight (4WD with HD suspension, wide rear tyre, and four-post ROPS), kg (lb)	2,841 (6,264)

#### Sprayer

Tank	HD200 or HD300 sprayer
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#### Control system

Display	4240 Universal Display or 4640 Universal Display (optional)
Receiver	StarFire™ 6000 Receiver
Steering System	AutoTrac™ Universal 300
Rate Controller	GreenStar™ Rate Controller
Connectivity	JDLink™ Access and Remote Display Access
Guidance	John Deere Radio RTK 450 Base Station required
Pass to pass accuracy, mm (in.)	25 (0.98)

#### Boom

Number of sections	3
Breakaway	Bidirectional
Boom height	Adjustable
Lift systems	Electro-hydraulic
Width, m (ft)	5.5 (18)
Nozzle configuration	Triple-nozzle bodies on 50 cm (20 in) spacing
Shut Off	Individual nozzle shut off
Max Operation Pressure (plumbing), psi (bar)	150 (10.3)

#### Dimensions and weight (boom)

Boom height (wings raised), m (in)	2.39 (94)
Boom width (wings raised), m (in)	1.80 (71)
Boom width (wings lowered), m (in)	5.31 (209)
Weight boom empty, kg (lb)	95 (210)



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YY2034615AU (12/20)



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