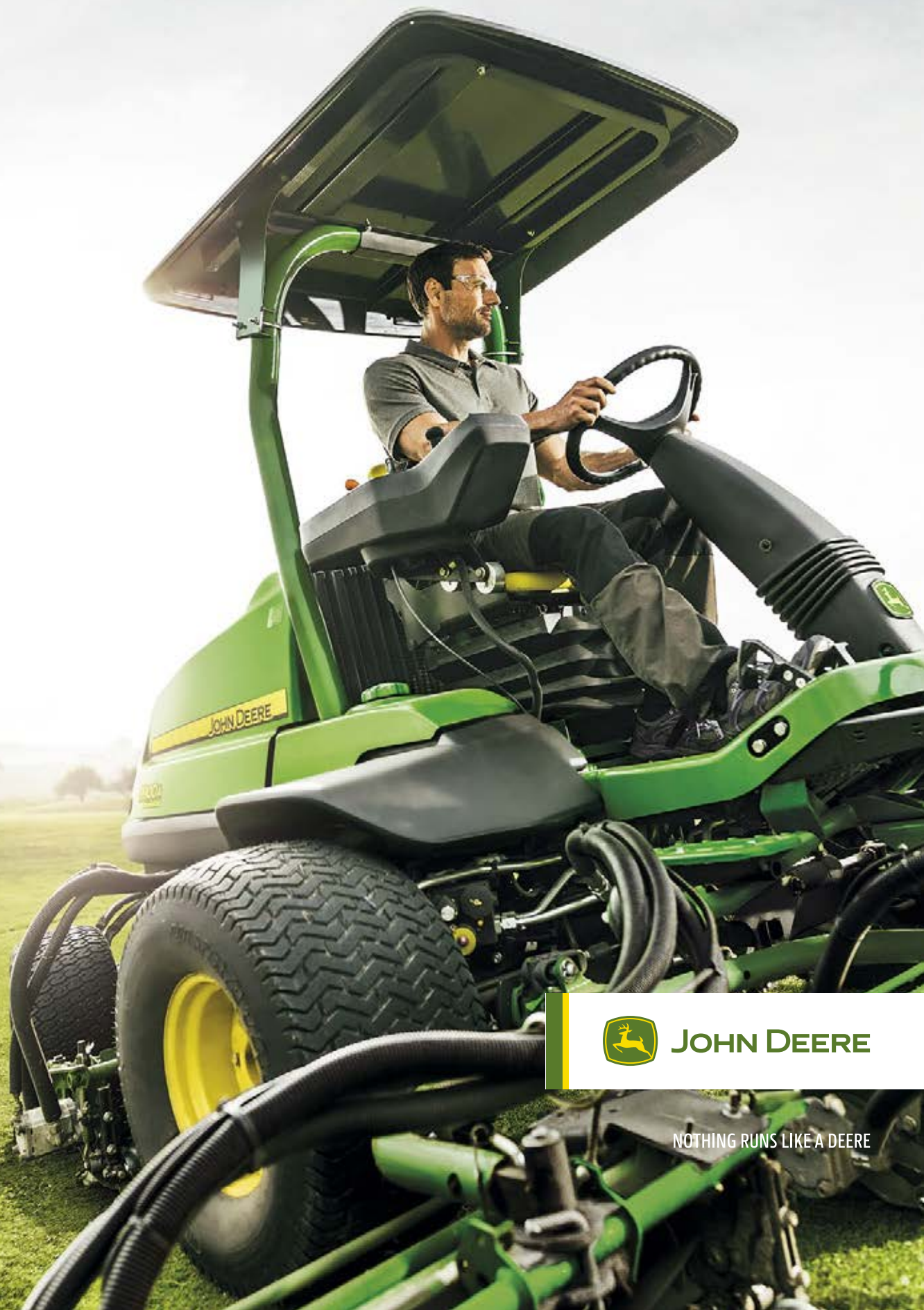


GOLF & SPORTS PORTFOLIO



JOHN DEERE

NOTHING RUNS LIKE A DEERE





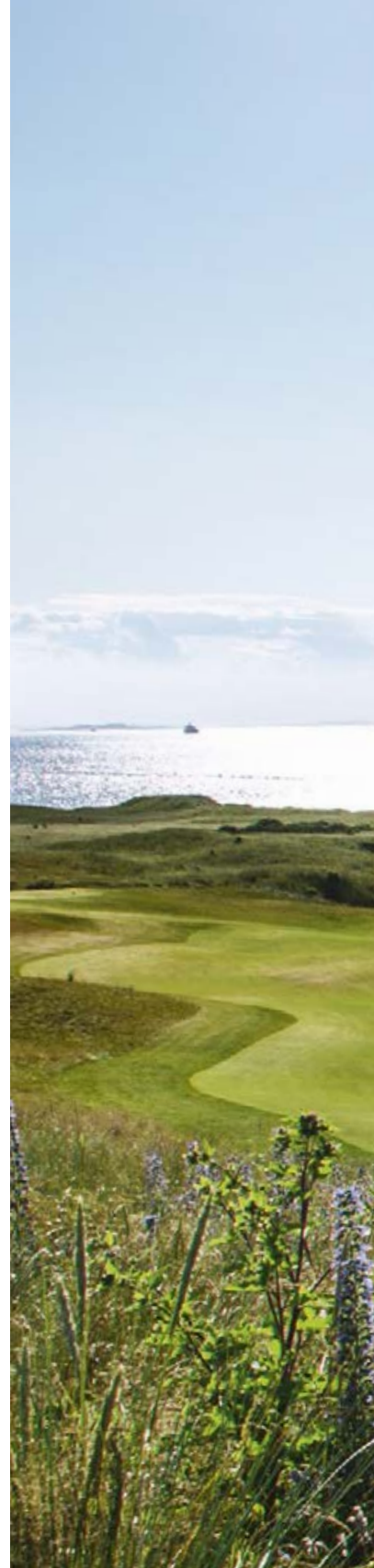
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GOLF IS MORE THAN A GAME

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.

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.



The Renaissance Club,
North Berwick, United
Kingdom



OFFICIAL
GOLF COURSE
EQUIPMENT
SUPPLIER

Official Supplier to



LADIES
EUROPEAN
TOUR



JOHN DEERE
CLASSIC



WORK DONE WELL.

»*WORK. DONE WELL.*«

Every day, you give the course your best. As a dedicated greenkeeper, you go the extra mile to deliver a championship finish from tee to green. Not just for the manager and the club members, but because you'd never settle for anything less yourself.

That same eye for detail also explains why you appreciate good tools and look after them well. Like any good craftsman, you know from experience that 'quality in' and 'quality out' really do go hand-in-hand.

If that sounds like you, you're in good company with John Deere. We take as much pride in the quality of our machines as the people who rely on them all over the world. Professionals like yourself, who understand the meaning of work done well.



THE GLORIOUS PLAYGROUND

One of the greatest players in professional golf history, Lee Trevino, famously said of Gleneagles: "If heaven is as good as this, I sure hope they have some tee times left."

With three championship courses – the King's, Queen's and PGA Centenary – Gleneagles is one of the world's most prestigious golfing venues. Set in 850 acres with outstanding views of the Ochil hills, the estate boasts a five-star luxury hotel, an award-winning spa, and Scotland's only restaurant to hold two Michelin stars. To preserve its unique legacy, the estate offers its 1,000 employees extensive training and development opportunities, including a new Greenkeeping Scholarship programme that gives nine lucky individuals the chance to become fully qualified greenkeepers themselves.

ART MEETS SCIENCE

Golf Courses and Estate Manager Scott Fenwick is Gleneagles' longest-serving staff member. He joined in July 1980 as a 16-year-old apprentice greenkeeper, and now heads the 57-strong greenkeeping and gardening team. "Greenkeeping is a complex science and a serious art", he explains. "We always aim to strike the right balance between traditional greenkeeping methods – using the knowledge and experience we have built up over many years –, and developing the most efficient ways of working using reliable, cutting edge technology." "By adopting hybrid electric mowers, satellite guidance and telematics fleet management systems dedicated to turf care, such as those provided by John Deere through its dealer network, we can look forward to keeping Gleneagles at the forefront of European and world golf."



John Deere innovations and technology are now part of Gleneagles' greenkeeping armoury.





The Queen's and King's Courses at Gleneagles (above and below) were designed by five-times Open champion James Braid.

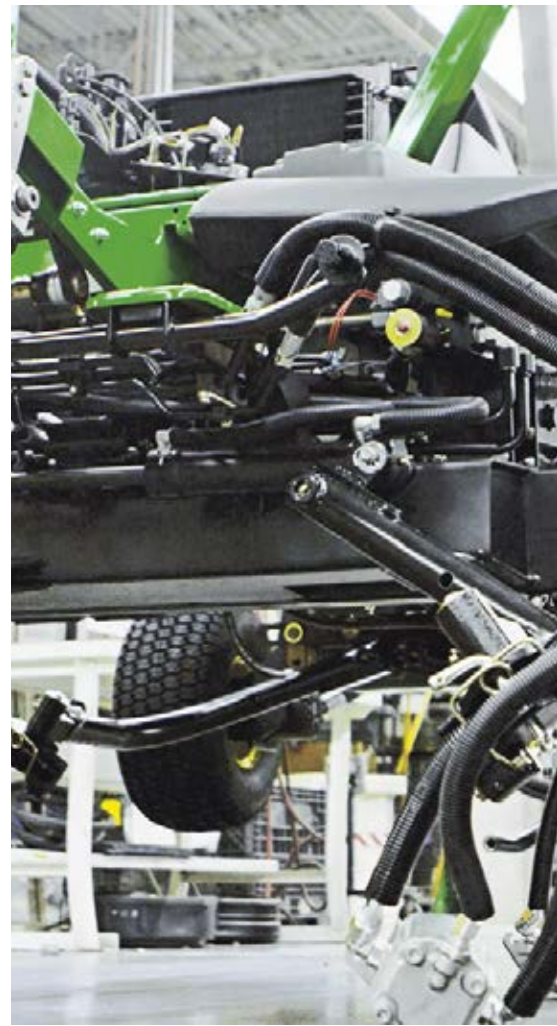


***“GREENKEEPING IS NOT JUST ABOUT CUTTING GRASS –
IT’S A COMPLEX SCIENCE AND A SERIOUS ART.”***

SCOTT FENWICK,
GLENEAGLES GOLF COURSES AND ESTATE MANAGER

STEP BY STEP

At the John Deere Turf Care factory in North Carolina (USA), the new assembly line is as safe, intuitive and easy to use as the fairway, rough and trim mowers it produces. The custom-built line took three years to plan, yet is based on a simple insight: the easier something is, the better the results will be.



With its height-adjustable assembly carts, the production line is as ergonomic as the machines it produces.



Every station has a computer display that shows operators what to do next in pictures and animations.





During the end-of-line audit, skilled technicians check every machine thoroughly to make sure it matches our standards – and yours.

On the new line, operators can walk up to any station and know exactly what to do. A computer display shows them how to proceed and 'pick lights' identify the parts they need. Once they're done, they have to complete a checklist before the unit can move to the next step. As a result, there is virtually no room for human error.

QUALITY IN, QUALITY OUT

As so often, it took a lot of hard work to make things this simple. Tim Manton, Manufacturing Engineering Manager and his colleagues stripped out the entire assembly line in just two days, then built the new one from scratch in under four weeks. In the process, they installed around 250 new 'mistake proofing' items ranging from cameras to integrated torque tools and RFID sensors.

To catch any remaining quality issues before mowers leave the factory, the end-of-line audit procedure was completely redesigned too. Thanks to the new transparency and start-to-finish quality control, customers can be even more confident of getting the quality and value they expect from John Deere.

***“A GOOD MACHINE HELPS
OPERATORS DO A GREAT JOB.
SO DOES A GOOD ASSEMBLY
LINE.”***

TIM MANTON, MANUFACTURING
ENGINEERING MANAGER

ALL-ROUND SUPPORT

From advice and sales to maintenance and repairs, your local John Deere partner has everything you need to keep your investment running like clockwork. Find your nearest John Deere dealer today at 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.



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.

From hire purchase to leasing and rentals, your local John Deere dealer can help you choose the options that suit your business best. Why not drop in for a chat?



PowerGard

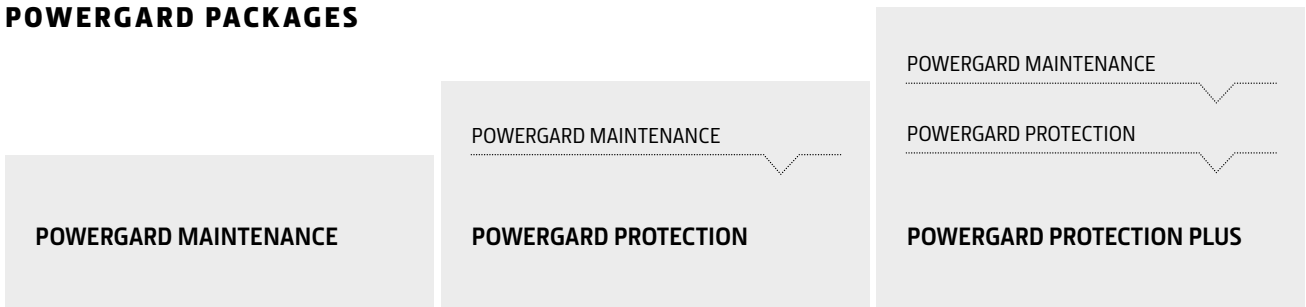
RELAX – YOU’RE COVERED

With a PowerGard maintenance and protection plan, you can rest assured that your machines will always be in peak condition and raring to go.



Maximum uptime,
minimum worries...
PowerGard leaves you
free to focus on your
business while we look
after your machines.

POWERGARD PACKAGES





FACTS, NOT GUESSWORK

Ever wished you could X-ray your machine to see how it's doing inside? Expert Check is the next best thing: a thorough diagnosis of all key components (including sensors, electronics and software) using up-to-the-minute, field-based checklists and tools that are exclusive to John Deere dealers. The result is a detailed report stating exactly where your machine stands, as well as what needs doing and when.

CLEAR PRICES

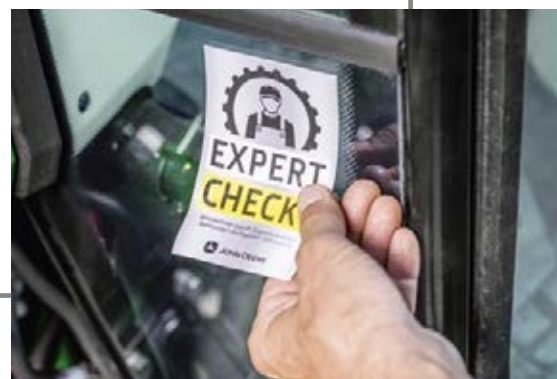
Based on this report, you can tell us exactly what work you want done. With transparent pricing and all-in packages for parts and labour, Expert Check takes the guesswork out of repairs and maintenance too.



SPARES AND REPAIRS



Even a John Deere needs repairs eventually. When the day comes, our dealers pull out all the stops to keep downtime to a minimum. With a state-of-the-art workshop and a fully trained technical team on hand, they can provide professional support being equipped with the latest updates directly from the factories. For smaller repairs you'd rather do yourself, they can supply everything you need overnight – even for older models.



OUTSTANDING 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

SPEEDLINK

SpeedLink 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

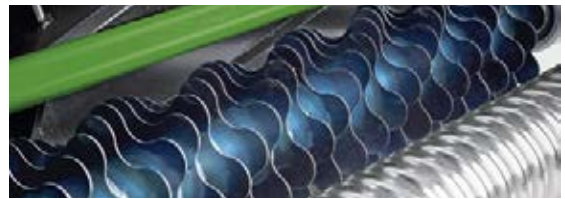
A linking bar connects both sides of the rear roller to a high-reduction ratio worm gear. All you need to make 1/1,000th of an inch adjustments is a cordless drill or a 16 mm spanner.



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.



BACKLAP

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.



SPEEDLINK



Reel adjustments are fast and simple, thanks to SpeedLink. See page 18 for details.



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 18 or 22 inch 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
18 in or 22 in cutting widths
Standard reels, 11 blades, 5 in (127 mm)
Adjustable frequency of clip

CONSISTENT FREQUENCY OF CLIP

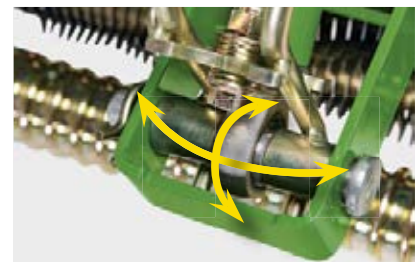
Electric reel drive means you always work at an ideal 2,200 rpm, even on gradients or when the engine load changes. And when you need to backlap, just press a button to reverse the reel direction – no need to remove a reel or fit a separate motor.



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
18 in, 22 in or 26 in cutting widths
Standard reels, 11 blades, 5 in (127 mm)
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

LIGHT ON THE GREEN, PRECISE ON THE 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 double rolling during straight-line passes.

THREE PERFECT CUTS: GRASS, FUEL AND NOISE

Unlike batteries, the alternator keeps reels at a rock-steady 2,200 rpm for a superb cut all day long. Since the machine runs at a lower throttle than a non-hybrid, it cuts fuel bills and noise levels too – without compromising on cut quality.

SUPERB CONTOUR FOLLOWING

The exclusive ball joint suspension system provides exceptional contour following, steering with up to 18 degrees of side-to-side motion.



EXCLUSIVE OFFSET DESIGN

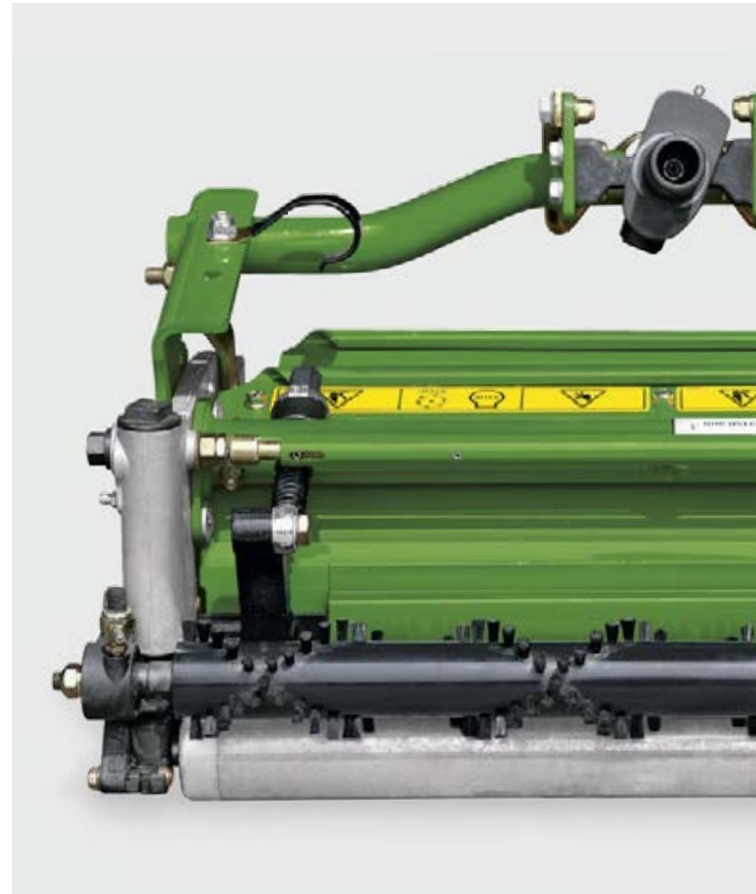
The offset cutting units greatly reduce triplex ring with a simple change in direction.





THE CHOICE IS YOURS

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



REAR ROLLER POWER BRUSH

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

GRASS CATCHER

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





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.



2500E E-CUT

14.6 kW (19.9hp) at 3,000 rpm (Stage V)
Electric reel motors
62 in (157.5 cm) cutting width
3-QA5 22 in (55.9 cm) cutting units
Bedknife-to-reel adjustment
2-pedal hydrostatic transmission

– Optional: 3 wheel drive kit

2500B

14.6 kW (19.9 hp) at 3,000 rpm (Stage V)
62 in (157.5 cm) cutting width
3-QA5 22 in (55.9 cm) cutting units
Bedknife-to-reel adjustment
2-pedal hydrostatic transmission

– Optional: 3 wheel drive kit



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 2 in (50 mm), 2.5 in (64 mm) and 3 in (76 mm) smooth, machine grooved with solid end caps or machine spiral rollers.



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

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 light, responsive pedals on this new system reduce fatigue and increase operator comfort. Together with cruise control and turn speed management, eHYDRO helps your machines work smarter. On versions with Stage 5 engines, the eHYDRO pedals also control engine RPM – for quieter, more fuel-efficient operation.



ENGINE COMPLIANCE

All 7000A and 8000A models are available with either a Stage 3A or Stage 5-compliant engine. AutoThrottle is standard on Stage 5 engines.

Power to spare: Our clean-burning engines pack plenty of power, right up to the mighty 4-cylinder diesel 8700A. All models above 18.3 kW (25 hp) come with either Stage IIIA or Stage V-compliant engines.

Precise steering: Holding a straight line is incredibly easy, thanks to a dual-action steering cylinder like the one we fit on our greens mowers.

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 password-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.



PRECISIONCUT

6080A, 6500A & 6700A FAIRWAY MOWERS

Entry level – All three lower-power fairway mowers deliver premium cut quality and A-model features at an economical price.

**ON ALL
6000A SERIES
PRECISIONCUT
MODELS**

SPEEDLINK

TECHCONTROL

A-SERIES FEATURES

The 6000A series gives you all the benchmark features that make A-Series Fairway Mowers so successful. These include the TechControl Display with its password protected supervisor controls, and LoadMatch for improved cut quality when climbing hills.

3-WHEEL-DESIGN

3 wheels mean less tyre marks – especially in our low PSI smooth tyre configuration with GRIP All-Wheel Drive Traction.



6080A

18.6 kW (24.7 hp) at 3,000 rpm (Stage V)
5 QA5 cutting units 18 in (45.7 cm)
Total cutting width: 80 in (203 cm)
5 in (12.7 cm) diameter reel
Mowing speed: 0 – 6 mph (0 – 10 km/h)



6500A

18.6 kW (24.7 hp) at 3,000 rpm (Stage V)
5 QA5 cutting units 22 in (55.9 cm)
Total cutting width: 100 in (254 cm)
5 in (12.7 cm) diameter reel
Mowing speed: 0 – 6 mph (0 – 10 km/h)



6700A

18.6 kW (24.7 hp) at 3,000 rpm (Stage V)
5 QA7 cutting units 22 in (55.9 cm)
Total cutting width: 100 in (254 cm)
7 in (17.8 cm) diameter reel
Mowing speed: 0 – 6 mph (0 – 10 km/h)

E-CUT HYBRID

7500A E-CUT & 8000A E-CUT FAIRWAY MOWERS

ON ALL E-CUT HYBRID MODELS

- Electric reel drive cutting units powered by a 48 volt alternator
- 5 QA5 cutting units with 5 in (12.7 cm) diameter reel

E-HYBRID

SPEEDLINK

TECHCONTROL

MOW-ENGINE-SPEED



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.

Reassuring: 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 an 80" (203 cm) 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.



7500A E-CUT

27.3 kW (37.1 hp) at 2,600 rpm (Stage III A) /
31 kW (42.1 hp) at 2,800 rpm (Stage V)

5-QA5 22 in (55.9 cm) cutting units

Total cutting width: 100 in (254 cm)

Mowing speed:
0 – 8 mph (0 – 12.8 km/h)



8000A E-CUT

27.3 kW (37.1 hp) at 2,600 rpm (Stage III A) /
31 kW (42.1 hp) at 2,800 rpm (Stage V)

5-QA5 18 in (45.7 cm) cutting units

Total cutting width: 80 in (203 cm)

Mowing speed:
0 – 6 mph (0 – 10 km/h)

PRECISIONCUT

7500A, 7700A & 8700A FAIRWAY MOWERS

Every operator can achieve a championship finish with these high performance A-model fairway mowers. Not just once, but every time.

**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

27.3 kW (37.1 hp) at 2,600 rpm (Stage III A) / 31 kW (42.1 hp) at 2,800 rpm (Stage V)
5 QA5 cutting units 22 in (55.9 cm)
Total cutting width: 100 in (254 cm)
5 in (12.7 cm) diameter reel
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)



7700A

27.3 kW (37.1 hp) at 2,600 rpm (Stage III A) / 42.1 kW (31 hp) at 2,800 rpm (Stage V)
5 QA7 cutting units 22 in (55.9 cm)
Total cutting width: 100 in (254 cm)
7 in (17.8 cm) diameter reel
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)



8700A

36.2 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 cutting units 22 in (55.9 cm)
Total cutting width: 100 in (254 cm)
7 in (17.8 cm) diameter reel
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)

8900A FAIRWAY MOWERS

For next-level productivity, choose the new lightweight 8900A. It has a 130 in (3.3 m) 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!

ENHANCED CUTTING UNITS

Boost your productivity: the new 26" or 30" cutting units hug contours closely for the premium finish you demand.



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 26 in (66 cm) or 30 in (76 cm) cutting units
Total cutting width: 130 in (3.3 m) or 114 in (2.9 m)
7 in (17.8 cm) diameter reel
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)



ROUGH, TRIM & SURROUNDS MOWERS

ACCURACY HAS NEVER BEEN SO EASY – OR SO QUIET

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.





ROLLERS

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



ROTARY DECKS

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.



STABLE DESIGN

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



2653B

14.6 kW (19.9 hp) at 3,000 rpm (Stage V)
26 in or 30 in QA7 cutting units
72 in (183 cm) or 84 in (213 cm) mowing width

GRIP

all-Wheel drive

SPEEDLINK

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.

Standard QA7 cutting units: Choose either a 5 or 8-blade configuration and a width of 26 or 30 in. The SpeedLink feature saves time by adjusting the cutting height to both sides of the roller at once.

7200A PRECISIONCUT TRIM & SURROUNDS



WIDTH-ON-DEMAND SYSTEM

The exclusive Width-on-Demand System allows operators to change between a 68 in (173 cm) to 72 in (183 cm) cutting width with 26 in (66.04 cm) QA7 cutting units or 80 in (203.20 cm) to 84 in (213.36 cm) with 30 in (76.20 cm) QA7 cutting units on-the-go with the simple toggle of a switch.



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 14 in (36.56 cm) on the 26 in (66.04 cm) QA7, or 20 in (50.80 cm) on the 30 in (76.20 cm) QA7.

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.

7200A

18.4 kW (24.7 hp) at 3,000 rpm (Stage V)
3 × QA7 26 in (66 cm) or QA7 30 in (76 cm)
7 in (17.8 cm) diameter reel
Width on demand cut: 68 in (173 cm) to 72 in (183 cm)
Mowing speed: 0 – 6 mph (0 – 10 km/h)

GRIP

all-Wheel drive

TECHCONTROL

SPEEDLINK

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

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.

TERRAINCUT ROTARY

7400A TERRAINCUT TRIM & SURROUNDS & 8800A TERRAINCUT ROUGH

These agile rotary mowers offer the perfect blend of power and agility. Highlights include quick adjustment mowing height and our incredible TechControl display; see pages 18 and 19 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 21 in (53.3 cm) 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 49.2 hp (36.7 kW) 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 68 in (172.7 cm) and 74 in (188 cm) 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

27.3 kW (37.1 hp) at 2,600 rpm (Stage III A) / 31 kW (42.1 hp) at 2,800 rpm (Stage V)
3 × 27 in (68 cm) rotary decks
Width on demand cut: 68 in (173 cm) or 74 in (188 cm)
Mowing speed: 0 – 6 mph (0 – 10 km/h)

GRIP
all-Wheel drive

TECHCONTROL



8800A

36.2 kW (49.2 hp) at 2,600 rpm (Stage III A) / 41.1 kW (55.9 hp) at 2,800 rpm (Stage V)
5 × 21 in (53.3 cm) rotary decks
Total cutting width: 88 in (223 cm)
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)

GRIP
all-Wheel drive

TECHCONTROL

TERRAINCUT

9009A ROUGH MOWER

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 27 in (68.6 cm) 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.





eHYDRO SYSTEM

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

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 password-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 (Stage V)
Total cutting width: 108 in (274 cm)
Mowing speed: 0 – 8 mph (0 – 12.8 km/h)
2-pedal hydrostatic transmission

TECHCONTROL

REDUCED 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 ROTARY 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 all-new integrated ComfortCab comes on the 1575 and 1585 Front Rotary Mowers, providing excellent visibility and comfort whatever the weather.



1550 / 1570 / 1575 / 1580 / 1585

17.8 kW (24.2 hp) – 27.5 kW (37.4 hp) at 3,000 rpm (Stage V)
22.7 kW (30.9 hp) – 28.1 kW (38.2 hp) at 2,800 rpm (Stage III A) (not for 1550)
Hydrostatic 4WD
1550 / 1570 / 1575, Operating speed, single speed transmission: 0 – 12 mph (0 – 19.3 km/h)
1580 / 1585, Operating speed, dual speed transmission: 0 – 15 mph (0 – 24.1 km/h)
Power Steering



BETTER COOLING

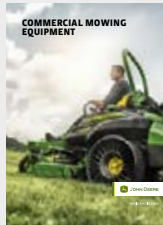
The rear-mounted radiator keeps noise away from the operator and makes the mower easy to service.



GLC1500 COLLECTOR

A powerful collection system with either a 600 litre or 900 litre capacity and standard with hydraulic tip for easy use.

MOWER DECKS



Ask your dealer for the "Commercial Mowing Equipment" brochure today – or download it from JohnDeere.com

	60 SIDE DISCHARGE	72 SIDE DISCHARGE	62 REAR DISCHARGE	72 REAR DISCHARGE	60 SIDE DISCHARGE FOR USE WITH GLC1500 COLLECTOR	72 SIDE DISCHARGE FOR USE WITH GLC1500 COLLECTOR
FITS	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1550, 1570, 1575, 1580, 1585	1570, 1580, 1585	1570, 1580, 1585
Cutting Width, in (cm)	60 (153)	72 (183)	62 (158)	72 (183)	60 (153)	72 (183)
Cutting Height, in (cm)	1–6 (2.54–15.24)	1–6 (2.54–15.24)	1–6 (2.54–15.24)	1–6 (2.54–15.24)	1–6 (2.54–15.24)	1–6 (2.54–15.24)
Gearbox Design	L-Type	L-Type	L-Type	L-Type	T-Type	T-Type
Mulch Kit Available	Yes	Yes	Yes	Yes	Yes	Yes

WIDE-AREA ROTARY MOWERS

1600T SERIES III

With its outstanding traction and a cutting width of up to 325 cm, this high-torque diesel can cover an amazing 8.5 acres (3.4 ha) 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 60 hp (44 kW) 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 minimize vibration exposure.



158 cm



239 cm



325 cm



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 (Stage V)
Hydrostatic, wheel motors
Operating speed: 0 – 14.4 mph (0 – 23 km/h)
Differential Lock

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.

AERATOR

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 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: 31.5 in (80 cm)
Coring Depth max.: 3.5 in (8.89 cm)
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 AERATORS MODELS

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

1000

Requires minimum 15 PTO hp

37.5 in (101.6 cm) coring width

1500

Requires minimum 22 PTO hp

57.5 in (152.4 cm) coring width

2000

Requires minimum 33 PTO hp

77.5 in (190.6 cm) 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 / 1,500 lb; spread width: 142 cm / 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.



SPACE FOR STUFF

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

SMOOTH FINISH

This 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
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RAKE	Rear mount, power-lift control	Rear mount, hydraulic control
Width, in (mm)	78 (1,981)	72 (1,830)
Blades	Five-section, bunker or field	Five-section, bunker
Prong rake in (mm)	Three-section, 24 prongs 1 to 3 (25 to 76) adjustment 10 blades, hand control with 5-position depth adjustment	Three-section, 24 prongs 1 to 3 (25 to 76) adjustment 10 blades, hand control with 5-position depth adjustment

CULTIVATOR	mid mounted, 10 blades, hand control w 5 position depth adjustment	mid mount, hydraulic control
Width, in (mm)	64 (1,626)	60 in (1,520)

FRONT BLADE	Optional, hand control with lock-up position	Optional, hand control with lock-up position
Width, in (mm)	40 (1,016)	40 (1,016)
Height, in (mm)	6 (152)	6 (152)

ALUMINIUM FRONT BLADE		N/A
Width, in (mm)	60 (1,524)	–
Height, in (mm)	10.25 (263)	–

WIDE AND NARROW INTERVAL SCARIFIER TINES ATTACHMENT		
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Width, in (mm)	Wide – 63.25 (1,606); Narrow – 62 (1,574.8)	Wide – n/a Narrow – 62 (1,574.8)
Tines, in (mm)	Wide – 20 tines, 3.5 (89) long; Narrow – 35 tines, 3.5 (89) long	Wide – n/a Narrow – 35 tines, 3.5 (89) long

MID-MOUNT SCRAPER BLADE ATTACHMENT		
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MID-MOUNT SCRAPER BLADE ATTACHMENT		N/A
Width, in (mm)	64.5 (1,649)	–
Height, in (mm)	5.625 (144)	–

REAR-MOUNTED FIELD FINISHER		
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REAR-MOUNTED FIELD FINISHER		N/A
Width, in (mm)	60 (1,538)	–
Length, in (mm)	14 (355.6)	–

HYDRAULIC PUMP PACKAGE		
------------------------	--	--

HYDRAULIC PUMP PACKAGE		N/A
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

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



1200A

10.1kW (13.5hp) at 3,600 rpm

Operating speed:
0 – 12.6 mph (0 – 20.3 km/h)

SPREADING MADE SIMPLE

The 40-inch hand-controlled front blade is engineered for years of service.



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 14-inch steering wheel, tight turns and easy handling are always assured.



1200H

11.9 kW (16 hp) at 3,600 rpm
Operating speed: 0 – 10 mph (0 – 16.9 km/h)

Smooth and steady: The foot-pedal operated hydrostatic transmission keeps operators comfortable all day.

MID MOUNT PRODUCTIVITY

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



GATOR UTILITY VEHICLES

ENGINEERED TO ENDURE

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



TYRES

High flotation tyres allow this Gator to work hard without scuffing the turf (TX & TX Turf).



Ask your dealer for the "Gator Utility Vehicles" brochure today – or download it from JohnDeere.com

T-SERIES

GATOR TX & TX TURF

Our whisper-quiet Gator TX Utility vehicles tread softly, yet have all the power and capacity you need to get the job done. The TX has a powerful 675 cc engine, while the TX Turf has 401 cc – plus a foot pedal start that's so practical, you'll wonder how you managed without it.

ON ALL TX & TX TURF MODELS

- Rear Suspension: Semi-Independent Coil-Over-Shock
- Towing Capacity: 454 kg
- Cargo Capacity: 272 kg
- Low Centre of Gravity
- Deluxe Cargo Box
- All-Wheel Disc Brakes



TX

Petrol Engine
12.5 kW (16.8 hp) at 3,200 rpm
Maximum speed: 32 km/h



TX TURF

Petrol Engine
8.0 kW (10.9 hp) at 3,250 rpm
Maximum speed: 25 km/h

– Foot Pedal Start

FLAT BED

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



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

CARGO BOX SIDE EXTENSION

Carry twice the amount of clippings and mulch. The tailgate pivots at the top when dumping loose material.



T-SERIES

GATOR TE

When quiet operation and emission-free productivity are top of your list, the Gator TE delivers. Designed for years of hard work in extreme conditions, this versatile vehicle can go for 7–8 hours on a single charge.



TE

Electric Engine
Maximum speed: 24 km/h
Rear Suspension: Low Pressure Tyres (Solid Axle)
Towing Capacity: 273 kg
Cargo Capacity: 227 kg

- Super-Quiet Electric Operation
- Zero Emissions

HARD WORKER

Don't be deceived by the Gator TE's quiet exterior. With solid, one-piece forged axles, a cast aluminium rear axle housing and a Deluxe Cargo Box, it's built for hard work in all conditions.

WHISPER-QUIET ELECTRIC POWER

The onboard, UL-approved charger shuts off automatically when the eight high capacity batteries are full.



HPX SERIES

GATOR HPX815E

Even when fully loaded, the Gator HPX815E 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 diesel engine for speeds of up to 40 km/h.



HPX815E

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

- High-Strength Hydro-Formed Steel Frame
- Standard Deluxe ROPS Canopy
- Road Homologation*

* Homologation type may vary by country. Please refer to your dealer.



PILE IT ON

Heavy loads? No problem, thanks to a cargo capacity of 454 kg.



STOP ON A SIXPENCE

Fully hydraulic brakes ensure first-class braking performance.

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 HPX815E is fitted with a ROPS canopy and comfortable automotive style 3-point seat belts as standard.

TH-SERIES

GATOR TH 6X4

With six wheels, a low centre of gravity and power to spare, the Gator TH 6x4 makes light work of heavy loads. Our strongest workhorse transports heavy loads with ease together with a low loading height that makes it easy on your back.



TH 6X4

Diesel Engine
13.6 kW (18.5 hp) at 3,400 rpm
Maximum speed: 32 km/h
4-Wheel Drive
Rear Suspension: Low Pressure Tyres (Solid Axle)
Towing Capacity: 726 kg
Cargo Capacity: 544 kg

– Low Load Height

GOLF PRO

With six high-flotation wheels, the Gator TH 6x4 travels lightly over your valuable turf.



HEAVYWEIGHT WORKER

With a cargo capacity of 544 kg, the Gator TH 6x4 is the strongest workhorse in the John Deere Gator T-Series family.

PRO GATOR

2030A PRO GATOR

Meet our club professional! 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

Diesel Engine
17.8 kW (24.2 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

- Tight Turning Radius
- Low Centre of Gravity
- 5-Speed Synchronesh Transmission



AUXILIARY HYDRAULICS

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

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.

SELECTSPRAY

HD200 SELECTSPRAY

This high-performance sprayer makes your ProGator even more versatile. No tools required!



AUTO RATE CONTROL

Input which colour nozzles you're using, then synchronise your target application rate to your ground speed – automatically, and in real-time.



SEE WHERE YOU'VE BEEN

This optional foam marker even lets you set foam rates and consistency.



Boom options: Our 5.5 m (18 ft) and convertible 4.6/6.4 m (15/21 ft) 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.



TOUGH TANKS

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



Diaphragm pump: Enjoy ample flow for all turf applications – and ample power for high-pressure tank agitation.

Nozzle Bodies: Whatever you need to spray, these standard triple-nozzle bodies make nozzle and droplet setup easy.



Clean Load Chemical Eductor: The ergonomic, waist-level eductor takes the strain off operators when lifting and loading heavy chemicals.



PRECISIONSPRAY

HD200 GPS PRECISIONSPRAY

Spray more efficiently and document spray jobs automatically – with the HD200 GPS PrecisionSpray.



STANDARD AUTO TRAC

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.



MYOPERATIONCENTER

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



PROVEN TECHNOLOGY

Farmers all over the world trust our proven Starfire and Greenstar components for smooth, fuss-free productivity.



NO SIGNAL SHIFT

Thanks to 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.

COMPACT UTILITY TRACTORS

EXPERIENCE PREMIUM COMFORT & OPERATION

Our versatile compact utility tractors combine user-friendly features with legendary John Deere build quality and technology. The 3 and 4 series are popular choices for golf and sports facilities. For varying requirements, a 1 and 2 series are also available starting at 24.8 hp.





PULL OR PUSH

With this much power and control, it's easy to run a wide range of attachments smoothly and accurately.



LOADERS

For even more versatility, our loaders are designed specifically for our tractors to deliver maximum performance through easy operation.

VERSATILE

The 4066R Compact Utility Tractor is an affordable, high quality workhorse that gets things done. Highlights include a tight turning radius and advanced on-board diagnostics.



Ask your dealer for the "Compact Utility Tractors" brochure today – or download it from JohnDeere.com

3E SERIES

27.3 kW (36.6 hp) at 2,600 rpm
(acc. ECE R120)

2 range Hydro / Two Pedal Automatic

Lift Capacity: 615 kg
(at 610 mm (24") behind lift ends)

Optional:
– Fixed Front Loader

3R SERIES

24.1 kW – 32.8 kW (32.8 hp – 44.6 hp)
at 2,600 rpm (acc. ECE R120), 3 models

Two Pedal E-Hydro Transmission

Mid Chassis

Lift Capacity: 999 kg
(at 610 mm (24") behind lift ends)

Towing Capacity: 4,000 kg

Weight: 1,400 kg / 1,700 kg

Deck Options with AutoConnect:
– 60 in (152 cm)
– 72 in (183 cm)

Optional:
– Quik Park Front Loader

4M SERIES

36.2 kW – 48.5 kW (49.0 hp – 65 hp)
at 2,600 rpm (acc. ECE R120), 2 models

Lift Capacity: 1,134 kg
(at 610 mm (24") behind lift ends)

Transmission Options:

Two Pedal E-Hydro Transmission

ePRT (PowrReverser Transmission)

Optional:
– Fixed or Quik Park Front Loader

4R SERIES

36.2 kW – 48.5 kW (49.0 hp – 65 hp)
at 2,600 rpm (acc. ECE R120), 2 models

Two Pedal E-Hydro Transmission

Lift Capacity: 1,134 kg
(at 610 mm (24") behind lift ends)

ComfortGard Cab

Optional:
– Quik Park Front Loader

COMPLEMENTARY PRODUCTS

EFFICIENT MOWERS TO ENHANCE YOUR FLEET

Big or small, every John Deere product is engineered to the same professional standards of excellence and longevity. So for lighter jobs around the course or clubhouse, it pays to round off your fleet with specialist machines like the ones below. We have plenty more, so ask your dealer for details!



X950R

Diesel engine
18.5 kW (25.2 hp) at 3,200 rpm
Forward speed: 14.5 km/h
Cruise control
Mowing width: 122 cm (48 in) or 137 cm (54 in)
Hydraulic, 2 front wheel power steer
Rear collection

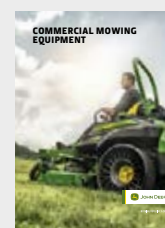
DO IT RIGHT

The X950R mowing tractor has a high torque diesel engine and heavy duty wheel motors – plus a steel frame and mower deck for years of trouble-free service. Ultrasonic fill detection for real time hopper fill measurement standard.



Low dump or high dump collector:

Choose between a high or low dump collector based on your requirements. The Quick-attach system allows you to attach and remove the collector in no time.



Ask your dealer for the "Commercial Mowing Equipment" brochure today – or download it from JohnDeere.com



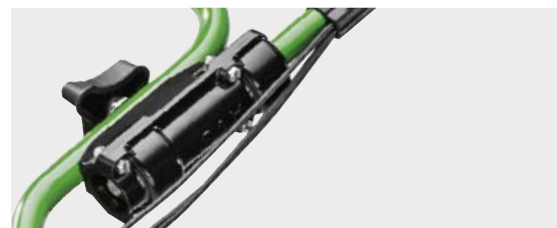
MULCHING MOWER

Perfect for those clean up cuts and smaller areas, the PRO 53MV mulching mower is commercial-grade and designed for fatigue-free operation. It has a tough, corrosion-resistant aluminium chassis with additional steel plate reinforcement together with crank-shaft protection.

PRO 53MV

Petrol engine
3.2 kW at 2,800 rpm
Variable-Speed: 2.6 – 4.1 km/h
53 cm Working Width
Crankshaft protection
AntiVibrationSystem

Low vibration: Work longer and safer with reduced vibration exposure to the operator thanks to the robust AntiVibrationSystem. You won't have to interrupt your working day.



TANGO ROBOTIC MOWER – YOUR PERSONAL ASSISTANT

Why not let our robotic mower do the clubhouse lawn while you focus on the tees, greens and fairways? Tango is efficient, whisper-quiet and needs practically no supervision once it's set up. You couldn't wish for a better operator.



Ask your dealer for the "Lawn Care Solutions" brochure today – or download it from JohnDeere.com



Z997R

21 kW (28.6 hp) at 2,800 rpm (Stage III A)
--

Forward speed: 18.5 km/h

Mowing width: 153 cm (60 in) or 183 cm (72 in)
--

27.5 kW (37.4 hp) at 2,800 rpm (Stage V)
--

Forward speed: 18.5 km/h

Mowing width: 183 cm (72 in)

ZERO TURN EFFICIENCY

Our proven, ultra-manoeuvrable Z997R does most jobs 20% faster than a comparable front mower. The new ComfortGlide seat has additional front/aft suspension – and the optional Michelin Tweels make flat tyres history!

SPECIFICATIONS



	180E	220E
E-CUT HYBRID WALK-BEHIND GREENS MOWERS		
ENGINE		
Type	Honda air-cooled, 4-cycle	Honda air-cooled, 4-cycle
Maximum rated power per SAE J1349, kW (hp)*	2.6 (3.5) at 3,600 rpm	2.6 (3.5) at 3,600 rpm
Direction of rotation of output shaft	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, pt (l)	4.5 (2.5)	4.5 (2.5)
Oil capacity, pt (l)	1 (0.6)	1 (0.6)
Differential drive capacity, pt (l)	0.25 (0.14)	0.25 (0.14)
CUTTING EQUIPMENT		
Cutting width, in (cm)	18 (45.7)	22 (55.9)
Cutting height with 3.0 mm bedknife, in (mm)	Min 1/8 (3.2) – Max. 7/8 (22)	Min 1/8 (3.2) – Max. 7/8 (22)
Cutting height with 2.5 mm bedknife, in (mm)	Min 7/64 (2.5) – Max. 7/8 (22)	Min 7/64 (2.5) – Max. 7/8 (22)
Cutting height with 2.0 mm bedknife, in (mm)	Min 5/64 (2.0) – Max. 7/8 (22)	Min 5/64 (2.0) – Max. 7/8 (22)
Cutting height with tee bedknife, in (mm)	N/A	N/A
Frequency of clip standard, in (mm)	Variable with five settings. 11 blade is 0.162 (4.1), 0.180 (4.6), 0.220 (5.6), 0.380 (9.7), 0.480 (12.2); 14 blade is 0.120 (3.2), 0.140 (3.6), 0.180 (4.4), 0.300 (7.6), 0.380 (9.6)	Variable with five settings. 11 blade is 0.162 (4.1), 0.180 (4.6), 0.220 (5.6), 0.380 (9.7), 0.480 (12.2); 14 blade is 0.120 (3.2), 0.140 (3.6), 0.180 (4.4), 0.300 (7.6), 0.380 (9.6)
REEL		
Diameter, in (mm)	5 (127)	5 (127)
Number of blades	11 or 14 blade	11 or 14 blade
Material	Heat-treated chromium molybdenum steel	Heat-treated chromium molybdenum steel
Bedknife – standard, in (mm)	0.098 (2.5) thick × 18 (457) long	0.118 (3) thick × 22 (559) long
ROTARY BRUSH AND GREENS TENDER CONDITIONER (Optional)		
Brush, in (mm)	Interlocked with reel, rotation in reverse direction; 2 – 3/8 (60) diameter nylon	Interlocked with reel, rotation in reverse direction; 2 – 3/8 (60) diameter nylon
GTC vertical cutter blades, in (mm)	Specially hardened carbon tool steel; star-shaped; 2 – 3/8 (60) diameter, 60 blades	Specially hardened carbon tool steel; star-shaped; 2 – 3/8 (60) diameter, 75 blades
Adjustable brush or cutter height, in (mm)	Brush even with the cutting height; GTC 1/32 (0.8) below the cutting height maximum	Brush even with the cutting height; GTC 1/32 (0.8) 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, lb (kg)	7 (3.2)	7 (3.2)
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, mph (km/h)	4.5 (7.2) with transport wheels at 3,000 engine rpm	5.2 (8.4) with transport wheels at 3,500 engine rpm
Roller (rear), in (mm)	Aluminium, 7.5 (190) diameter	Aluminium, 7.5 (190) diameter
Roller (front) (grooved or smooth), in (mm)	Machined steel, 2 (50) diameter (for cutting height adjustment)	Machined steel, 2 (50) diameter (for cutting height adjustment)
DIMENSIONS		
Length (tyres installed), in (mm)	39 (990)	39 (990)
Width (tyres installed), in (cm)	37.25 (94.6)	37.25 (94.6)
Height (tyres installed), in (cm)	47 (119)	47 (119)
Weight (less GTCs, gear drive and transport wheel, with catcher), lb (kg)	249 (113)	262 (119)
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

Honda air-cooled, 4-cycle, Gas 2.6 (3.5) at 3,600 rpm Counter-clockwise viewed from shaft side Tilted up to 20 degrees in any direction 1,600 (± 100) 2,950 (± 150) 4.5 (2.5) 1 (0.6) 0.25 (0.14)	Honda air-cooled, 4-cycle, Gas 2.6 (3.5) at 3,600 rpm Counter-clockwise viewed from shaft side Tilted up to 20 degrees in any direction 1,700 (± 100) 2,950 (± 150) 4.5 (2.5) 1 (0.6) 0.25 (0.14)	Honda air-cooled, 4-cycle, Gas 2.6 (3.5) at 3,600 rpm Counter-clockwise viewed from shaft side Tilted up to 20 degrees in any direction 1,700 (± 100) 2,950 (± 150) 4.5 (2.5) 1 (0.57) 0.6 (0.35)
18 (45.7) Min 1/8 (3.2) – Max 7/8 (22) Min 7/64 (2.5) – Max 7/8 (22) Min 5/64 (2.0) – Max 7/8 (22) N/A 11 blade is 0.182 (4.62) with optional 'speed-up' kit for 0.155 (3.94); 14 blade is 0.141 (3.58)	22 (55.9) Min 1/8 (3.2) – Max 7/8 (22) Min 7/64 (2.5) – Max 7/8 (22) Min 5/64 (2.0) – Max 7/8 (22) N/A 11 blade is 0.182 (4.62) with optional 'speed-up' kit for 0.155 (3.94); 14 blade is 0.141 (3.58)	26 (66) Min 1/8 (3.2) – Max 7/8 (22) Min 7/64 (2.5) – Max 7/8 (22) N/A 3/16 (4.8) 7 blade is 0.286 (7.26); 11 blade is 0.182 (4.62)
5 (127) 11 or 14 blade Heat-treated chromium molydenum steel 0.098 (2.5) thick × 18 (457) long	5 (127) 11 or 14 blade Heat-treated chromium molydenum steel 0.098 (2.5) thick × 18 (457) long	5 (127) 7 or 11 blade Heat-treated chromium molydenum steel 0.118 (3) thick × 26 (660) long
Interlocked with reel, rotation in reverse direction; 2 – 3/8 (60) diameter nylon Specially hardened carbon tool steel; star-shaped; 2 – 3/8 (60) diameter, 60 blades Brush even with the cutting height; GTC 1/32 (0.8) below the cutting height maximum Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter	Interlocked with reel, rotation in reverse direction; 2 – 3/8 (60) diameter nylon Specially hardened carbon tool steel; star-shaped; 2 – 3/8 (60) diameter, 60 blades Brush even with the cutting height; GTC 1/32 (0.8) below the cutting height maximum Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter	Interlocked with reel, rotation in reverse direction; 2 – 3/8 (60) diameter nylon Specially hardened carbon tool steel; star-shaped; 2 – 3/8 (60) diameter, 88 blades Brush even with the cutting height; GTC 1/32 (0.8) below the cutting height maximum Gear driven from reel shaft, opposite direction of reel, rotation powers brush or GTC vertical cutter
6 (2.7) Polyethylene	6 (2.7) Polyethylene	8.2 (3.7) Polyethylene
Belt tension On/off On/off Dual, aluminium	Belt tension On/off On/off Dual, aluminium	Belt tension On/off On/off Dual, aluminium
4.5 (7.2) with transport wheels at 3,000 engine rpm Aluminium, 7.5 (190) diameter Machined steel, 2 (50) diameter (for cutting height adjustment)	4.5 (7.2) with transport wheels at 3,000 engine rpm Aluminium, 7.5 (190) diameter Machined steel, 2 (50) diameter (for cutting height adjustment)	4.5 (7.2) with transport wheels at 3,000 engine rpm Aluminium, 7.5 (190) diameter Machined steel, 2 (50) diameter (for cutting height adjustment)
37 (940) 33.3 (84.5) 47 (119) 204 (92.7)	37 (940) 33.3 (84.5) 47 (119) 219 (99.5)	37 (940) 41.3 (105) 47 (119) 237 (107.7)
82 dBA ISO 11201 GTCs, reels engaged	82 dBA ISO 11201 GTCs, reels engaged	84 dBA ISO 11201 GTCs, reels engaged



	2500E E-CUT	2500B
	E-CUT HYBRID DIESEL RIDING GREENS MOWER	PRECISIONCUT DIESEL RIDING GREENS MOWER
ENGINE		
Type	Yanmar 3-cylinder Liquid-cooled diesel	Yanmar 3-cylinder Liquid-cooled diesel
Maximum rated power per SAE J1995, kW (hp)	14.6 (19.9) at 3,000 rpm (Stage V)	14.6 (19.9) at 3,000 rpm (Stage V)
Displacement, cc	993	993
Oil filter	Full-flow filter	Full-flow filter
Fuel tank capacity, gal (l)	7.8 (29.5) in a single tank	7.8 (29.5) in a single tank
Pressurised lubrication system	Standard	Standard
Charging system & alternator capacity	Flywheel, 20 amp alternator	Flywheel, 20 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
MACHINE SPECIFICATION		
Tyres front/rear	18 × 10.5-10, 2-ply, smooth (low compaction); 20 × 10-10, 2-ply or 4-ply, smooth; 20 × 10-10 baloon type; or 20 × 10-10, 2-ply, turf	19 × 10.5-10, 2-ply, smooth (low compaction); 20 × 10-10, 2-ply or 4-ply, smooth; 20 × 10-10 baloon type; or 20 × 10-10, 2-ply, turf
Braking system	Single pedal, 2-wheel disc brakes	Single pedal, 2-wheel disc brakes
Brake type, in (cm)	Dual, 6 (15.2)	Dual, 6 (15.2)
Mowing speed, mph (km/h)	0 to 4.4 (0 to 7.1), adjustable mow stop	0 – 4 (0 – 6.4), adjustable mow stop
Transport speed, mph (km/h)	0 – 8 (0 – 12.9)	0 – 8.5 (0 – 13.7)
Reverse speed, mph (km/h)	0 – 3 (0 – 4.8)	0 – 3 (0 – 4.8)
Ground clearance with catcher, in (cm)	4 (10.2)	4 (10.2)
Total Hydrostatic drive system capacity, gal (l)	7.6 (28.8)	7.6 (28.8)
Drive wheels	Front – optional 3wd	Front – optional 3wd
Traction drive	Hydrostatic, 2-pedal control	Hydrostatic, 2-pedal control
Reel drive	Electric	Hydraulic
Reel power source	Alternator, 48V, 100 amp	3-section gear
Reel control	voltage regulated	Electro-hydraulic, one valve reel on-off and one valve raise- lower
WEIGHTS AND DIMENSIONS		
Wheelbase, in (cm)	51 (129.5)	51 (129.5)
Tread width, in (cm)	40 (101.5)	40 (101.5)
Mowing position width, in (cm)	62 (157.5)	62 (157.5)
Turning radius, uncut circle, in (cm)	18 (45.7)	18 (45.7)
Weight (full fluids, no operator or fuel), lb (kg)	1,405 (637.3)	1,405 (637.3)
Height, in (cm)	76.5 (194.6) with ROPS	76.5 (194.6) with ROPS
MOWING		
Number of units	3 – offset design	3 – offset design
Size, in (cm)	Quick Adjust QA5 22 (55.9) floating	Quick Adjust QA5 22 (55.9) floating
Backlapping	Standard on machine, variable adjustment capability	Standard onboard micro-backlapping and reel speed control
Clip frequency, in per mph (mm per km/h)	7 blade is 0.069 (1.08); 11 blade is 0.044 (0.69); 14 blade is 0.034 (0.54)	7 blade is 0.069 (1.08); 11 blade is 0.044 (0.69); 14 blade is 0.034 (0.54)
Front rollers, in (cm)	Optional 2 (5.1) smooth, grooved or spiral	Optional 2 (5.1) smooth, grooved or spiral
Reel diameter, in (cm)	5 (12.7)	5 (12.7)
Bedknife adjustment	Bedknife-to-reel	Bedknife-to-reel
Cutting height, in (mm)	5/64 – 1.42 (2.0 – 36) with 2 (5.1) front roller; or 0.16 – 1.8 (4 – 46) with 3 (7.6) front roller	5/64 – 3/4 (2.0 – 19.0) with 2 (5.1) front roller; or 5/8 – 1.25 (16 – 32) with 3 (7.6) front roller
Number of blades	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
Reel speed	Adjustable	Adjustable
SOUND LEVELS		
with GTCs and Power Brushes, reels engaged	–	82 dB(A) at 3,175 rpm
with GTC and power brush attachments	78 dB(A) at 2,250 rpm	–
Measuring standard	ISO 11201	ISO 11201



	6080A	6500A	6700A
PRECISIONCUT FAIRWAY MOWER			
ENGINE			
Type	Three Cylinder Diesel Engine	Three Cylinder Diesel Engine	Three Cylinder Diesel Engine
Maximum rated power as per SAE J1995, kW (hp)	18.6 (24.7) at 3,000 rpm (Stage V)	18.6 (24.7) at 3,000 rpm (Stage V)	18.6 (24.7) at 3,000 rpm (Stage V)
Displacement, cu in (cc)	77.3 cu in (1,267 cm ³)	77.3 cu in (1,267 cm ³)	77.3 cu in (1,267 cm ³)
Injection	indirect	indirect	indirect
Air cleaner	2-stage dry element	2-stage dry element	2-stage dry element
Fuel	Diesel	Diesel	Diesel
Cooling system	Liquid centrifugal. Pump – forward machine location for optimum cooling	Liquid centrifugal. Pump – forward machine location for optimum cooling	Liquid centrifugal. Pump – forward machine location for optimum cooling
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 pump	Gear pump – single	Gear pump – single	Gear pump – single
Steering	Hydraulic power with double acting steering cylinder	Hydraulic power with double acting steering cylinder	Hydraulic power with double acting steering cylinder
Wheels and Tires	26.5 × 14 – 12 Smooth Drive Tires and 24 × 13 – 12 Smooth Steering Tire	26.5 × 14 – 12 Smooth Drive Tires and 24 × 13 – 12 Smooth Steering Tire	26.5 × 14 – 12 Smooth Drive Tires and 24 × 13 – 12 Smooth Steering Tire
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
3WD	GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport.	GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport.	GRIP All Wheel Drive Traction System; when installed, AWD in mow and 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, in (cm)	QA5 quick adjust 18 inch	QA5 quick adjust 21 inch	QA7 quick adjust 21 inch
Total cutting width, in (cm)	80 (203)	100 (254)	100 (254)
Cutting height, in (mm)	0.078 – 1.125 (2.0 – 28.5)	0.078 – 1.125 (2.0 – 28.5)	0.25 – 2 (6.3 – 50.8)
FREQUENCY OF CLIP (FOC)			
11-blade QA7, in/mph (mm/km/h)	0.044 (0.69)	0.044 (0.69)	–
7-blade QA7, in/mph (mm/km/h)	0.069 (1.082)	0.069 (1.082)	–
10-blade QA7, in/mph (mm/km/h)	–	–	0.067 (1.06)
8-blade QA7, in/mph (mm/km/h)	–	–	0.084 (1.33)
Rollers, in (cm)	2 (5.1) front and rear; 3 (7.6) optional; 2.5 (6.3) front optional	2 (5.1) front and rear; 3 (7.6) optional; 2.5 (6.3) front optional	3 (7.6)
Reel diameter (std. cutting unit), in (cm)	5 (12.7)	5 (12.7)	7 (17.8)
DIMENSIONS			
Height with ROPS, in (cm)	85 (216)	86 (218)	86 (218)
Length with catchers, in (cm)	120 (305)	121 (307)	121 (307)
Transport width, in (cm)	91 (232)	85 (218)	86 (219)
Mowing position width, in (cm)	92 (233)	112 (285)	113 (287)
GROUND SPEED			
Mowing, mph (km/h)	0 – 8 (0 – 12.9)	0 – 8 (0 – 12.9)	0 – 8 (0 – 12.9)
Transport, mph (km/h)	0 – 10 (0 – 16.1)	0 – 10 (0 – 16.1)	0 – 10 (0 – 16.1)
Reverse, mph (km/h)	0 – 6 (0 – 10)	0 – 6 (0 – 10)	0 – 6 (0 – 10)



	7500A E-CUT	8000A E-CUT	7500A
	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 (Stage III A) / 31 (42.1) at 2,800 rpm (Stage V)	27.3 (37.1) at 2,600 rpm (Stage III A) / 31 (42.1) at 2,800 rpm (Stage V)	27.3 (37.1) at 2,600 rpm (Stage III A) / 31 (42.1) at 2,800 rpm (Stage V)
Displacement, cu in (cc)	91.6 (1,496) (Stage III A) / 95.69 (1,568) (Stage V)	91.6 (1,496) (Stage III A) / 95.69 (1,568) (Stage V)	91.6 (1,496) (Stage III A) / 95.69 (1,568) (Stage V)
Air cleaner	2-stage dry element	2-stage dry element	2-stage dry element
Fuel	Diesel	Diesel	Diesel
Cooling system	Liquid centrifugal. Pump – forward machine location for optimum cooling	Liquid centrifugal. Pump – forward machine location for optimum cooling	Liquid centrifugal pump (Stage III A) / Liquid centrifugal. Pump – forward machine location for optimum cooling (Stage V)
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	48-V, 180-amp alternator belt-driven by the engine (Stage V)	N/A due to electric drive reel circuit (Stage III A) / 48-V, 180-amp alternator belt-driven by the engine (Stage V)	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 x 14 – 12 turf		26.5 x 14 – 12 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 (Stage III A); Automatic controls with AutoPedal foot controls; manual control through TechControl display (Stage V)	Hand throttle at operator's right	Hand throttle at operator's right (Stage III A) / Automatic controls with AutoPedal foot controls; manual control through TechControl display (Stage V)
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.	GRIP All Wheel Drive Traction System; AWD in mow and transport. Hydraulic flow links wheel motors together for excellent traction.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.
Tilt steering	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment
TechControl Display	Yes	Yes	Yes
MOWER			
Number of units	5	5	5
Size, in (cm)	Quick Adjust QA5 22 (55.9)	Quick Adjust QA5 18 (45.7)	Quick Adjust QA5 22 (55.9)
Total cutting width, in (cm)	100 (254)	80 (203)	100 (254)
Cutting height, in (mm)	0.078 – 1.125 (2.0 – 28.5)	0.078 – 1.125 (2 – 28.5) requires optional bedknife for lowest HOC and 3 inch roller for highest	0.078 – 1.125 (2.0 – 28.5)
FREQUENCY OF CLIP (FOC)			
11-blade QA5, in/mph (mm/km/h)	0.044 (0.69)	– (Stage III A) / 0.044 (0.69) (Stage V)	0.044 (0.69)
7-blade QA5, in/mph (mm/km/h)	0.069 (1.082)	0.069 (1.09)	0.069 (1.082)
Rollers, in (cm)	2 (5.1) front and rear; 3 (7.6) optional; 2.5 (6.3) front optional	2 (5.1) front and rear; 3 (7.6) optional; 2.5 (6.3) front optional	2 (5.1) front and rear; 3 (7.6) optional; 2.5 (6.3) front optional
Reel diameter (std. cutting unit), in (cm)	5 (12.7)	5 (12.7)	5 (12.7)
DIMENSIONS			
Height with ROPS, in (cm)	87 (220)	83 (210.8)	87 (220)
Length with catchers, in (cm)	127 (323)	115 (292)	127 (323)
Transport width, in (cm)	87 (221) (Stage III A) / 113 (287) (Stage III V)	91 (231) (Stage III A) / 89 (226) (Stage V)	87 (221)
Mowing position width, in (cm)	113 (287) (Stage III A) / 116 (295) (Stage III V)	93 (236)	113 (287)
GROUND SPEED			
Mowing, mph (km/h)	0 – 8.0 (0 – 12.8)	0 – 6 (0 – 10)	0 – 8.0 (0 – 12.8)
Transport, mph (km/h)	0 – 11.5 (0 – 18.5)	0 – 9 (0 – 14)	0 – 11.5 (0 – 18.5)
Reverse, mph (km/h)	0 – 5.0 (0 – 6.4)	0 – 5 (0 – 6.4)	0 – 5.0 (0 – 6.4)



7700A

8700A

8900A

PRECISIONCUT FAIRWAY MOWER

ENGINE			
Type	Direct inject diesel four-cylinder (Stage III A) / Direct inject turbo charges diesel four-cylinder (Stage V)	Direct inject diesel four-cylinder (Stage III A) / Direct inject turbo charges diesel four-cylinder (Stage V)	Direct inject diesel four-cylinder (Stage III A) / Direct inject turbo charges diesel four-cylinder (Stage V)
Maximum rated power as per SAE J1995, kW (hp)	27.3 (37.1) at 2,600 rpm (Stage III A) / 42.1 (31) at 2,800 rpm (Stage V)	36.2 (49.2) at 2,600 rpm (Stage III A) / 41.1 (55.9) at 2,800 rpm (Stage V)	36.7 (49.2) at 2,600 rpm (Stage III A) / 41.1 (55.9) at 2,800 rpm (Stage V)
Displacement, cu in (cc)	91.6 (1,496) (Stage III A) / 95.69 (1,568) (Stage V)	134 (2,189) (Stage III A) / 127.06 (2,091) (Stage V)	134 (2,189) (Stage III A) / 127.06 (2,091) (Stage V)
Air cleaner	2-stage dry element	2-stage dry element	2-stage dry element
Fuel	Diesel	Diesel	Diesel
Cooling system	Liquid centrifugal. pump – forward machine location for optimum cooling	Liquid centrifugal. Pump – forward machine location for optimum cooling	Liquid centrifugal. Pump – forward machine location for optimum cooling
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 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 Tires	20 × 12 – 10 turf	20 × 12 – 10 turf	20 × 12 – 10 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 (Stage III A) / Automatic controls with AutoPedal foot controls; manual control through TechControl display (Stage V)	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 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.	(Optional) GRIP All Wheel Drive Traction System; when installed, AWD in mow and transport. Hydraulic flow links opposite side wheel motors together for excellent grip on slopes.
Tilt steering	Left foot-operated for easy adjustment	Left foot-operated for easy adjustment	Left Foot operated for easy adjustment
TechControl Display	Yes	Yes	Yes
MOWER			
Number of units	5	5	5
Size, in (cm)	Quick Adjust QA7 22 (55.9)	Quick Adjust QA7 22 (55.9)	Quick Adjust QA7 26 (66) or 30 (76)
Total cutting width, in (cm)	100 (254)	100 (254)	114 (289.5) or 130 (330.2)
Cutting height, in (mm)	0.25 – 2.0 (6.3 – 50.8)	0.25 – 2.0 (6.3 – 50.8)	0.25 – 2.0 (6.3 – 50.8)
Rollers, in (cm)	3 (7.6)	3 (7.6)	3 (7.6)
Reel diameter (std. cutting unit), in (cm)	7 (17.8)	7 (17.8)	7 (17.8)
FREQUENCY OF CLIP (FOC)			
11-blade QA7, in/mph (mm/km/h)	–	–	–
7-blade QA7, in/mph (mm/km/h)	–	–	–
10-blade QA7, in/mph (mm/km/h)	0.067 (1.06)	0.067 (1.06)	0.067 (1.06)
8-blade QA7, in/mph (mm/km/h)	0.084 (1.33)	0.084 (1.33)	0.084 (1.33)
DIMENSIONS			
Height with ROPS, in (cm)	87 (220)	87 (220)	87 (220)
Length, in (cm)	111 (283)	111 (283)	111 (283)
Length with catchers, in (cm)	127 (323)	127 (323)	127 (323)
Transport width, in (cm)	87 (221)	87 (221)	QA7 with 26 (66) is 86.38 (219.4) or with 30 (76) is 93.90 (238.5), In back 220.6 (86.85 in)
Mowing position width, in (cm)	113 (287)	113 (287)	QA7 with 26 (66) is 129 (327.5) or with 30 (76) is 145 (369.5)
GROUND SPEED			
Mowing, mph (km/h)	0 – 8.0 (0 – 12.8)	0 – 8.0 (0 – 12.8)	0 – 8.0 (0 – 12.8)
Transport, mph (km/h)	0 – 12.5 (0 – 20.12)	0 – 12.5 (0 – 20.12)	0 – 12.5 (0 – 20.12)
Reverse, mph (km/h)	0 – 5.0 (0 – 6.4)	0 – 5.0 (0 – 6.4)	0 – 5.0 (0 – 6.4)

**2653B****PRECISIONCUT TRIM AND SURROUNDS MOWER**

ENGINE	
Type	3-cylinder Indirect Inject Diesel
Maximum rated power per SAE J1995, kW (hp)	14.6 (19.9) at 3,000 rpm (Stage V)
Displacement, cu in (cc)	60.6 (993)
Air cleaner	Dual stage, restriction indicator
Cooling system	Liquid
VEHICLE	
Traction drive	3-wheel drive hydrostatic, equal traction to all wheels
Reel drive pump	Gear
Hydraulic system capacity, US gal (l)	4.6 (20.8)
Fuel tank capacity, US gal (l)	6.2 (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	
Seat	Deluxe suspension seat w fore/aft adjustment
Parking brake	mechanical
Tilt steering	n.a.
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, in (cm)	82 (208.3)
Tread width, in (cm)	52 (132)
Mowing position width, in (cm)	72 or 84 (183 or 213)
Wheelbase, in (cm)	55 (140)
Turning radius, uncut circle, in (cm)	20 (50.8)
Length, in (cm)	93 (236)
Weight (full fluids, no operator, no fuel), 26 in units raised, lb (kg)	Full fluids, no operator, no fuel, 26 in units raised: 1,903 (863.1)
GROUND SPEED	
Mowing speed, mph (km/h)	0 – 5 (0 – 8)
Transport speed, mph (km/h)	0 – 8.5 (0 – 13.7)
Reverse speed, mph (km/h)	0 – 3 (0 – 4.8)
CUTTING UNITS	
Number	3 reel cutting units
Size, in (cm)	Quick Adjust QA7 26 (66) or QA7 30 (76)
Number of blades	5 or 8
Backlapping	Standard
FREQUENCY OF CLIP (FOC)	
5-blade cutting unit, in / mph (mm/kmh)	0.201 (3.17)
8-blade cutting unit, in / mph (mm/kmh)	0.126 (1.99)
Front rollers, in (cm)	3 (7.6) grooved, solid or spiral (Optional)
Reel diameter, in (cm)	7 (17.8)
Bedknife adjustment	Reel-to-bedknife

ENGINE

Type	
Maximum rated power per SAE J1995, kW (hp)	
Displacement, cu in (cc)	
Air cleaner	
Cooling system	

VEHICLE

Traction drive	
Cutting units drive pum	
Reel drive pump	
Hydraulic system capacity, US gal (l)	
Fuel tank capacity, US gal (l)	
Steering	
Front drive tyres	
Steering tyres	
Ground pressure, psi	
Brakes	
ROPS with seat belts	

CONTROLS ON

Width on demand	
Front cutting units shift for trimming	
Throttle	
Mower lift	
PTO	
Ignition	
Work lights	
Instrument cluster	

OPERATOR ENVIRONMENT

Seat	
Parking brake	
Tilt steering	
Forward/reverse	

DIMENSIONS

Height with ROPS, in (cm)	
Length, in (cm)	
Width, in (cm)	
Wheelbase, in (cm)	
Mowing, mph (km/h)	
Transport, mph (km/h)	
Reverse, mph (km/h)	
Weight, less operator, lb (kg)	

MOWER

Number	
Size, in (cm)	
Number of blades	
Backlapping	
Total cutting width, in (cm)	
Cutting height, in (cm)	

FREQUENCY OF CLIP (FOC)

Five-blade cutting unit, in/mph (mm/kmh)	
Eight-blade cutting unit, in/mph (mm/kmh)	
Front rollers, in (cm)	
Reel diameter in (cm)	
Bedknife adjustment	

**7200A****PRECISIONCUT TRIM AND SURROUNDS MOWER**

3-cylinder Indirect Inject Diesel
 18.4 (24.7) at 3,000 rpm (Stage V)
 77.3 cu in (1,267 cm³)
 2-stage dry element
 Liquid centrifugal. pump; forward machine location for optimal cooling

eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System

–
 Gear
 10 (37.8)
 12 (45.4)
 Hydraulic power with double-acting steering cylinder
 24 × 12 – 12 turf trac
 24 × 12 – 12 multi trac
 15 psi
 Internal hydraulic wet disc brakes
 Deluxe suspension seat with seat belts; ISO 21299 Standard pending

One touch switch
 Selector switch and extend/retract switch
 Hand throttle
 One-touch single handle
 Electric switch on CommandARM
 Key start
 Switch on CommandARM
 Machine warnings, onboard electrical diagnostics, service timers, settings for mow and transport speed, turn speed, loadmatch

Deluxe suspension seat with seat belts; fore/aft adjustment, weight and lumbar adjustment
 Electric switch on CommandARM for internal wet disc brakes
 Foot-operated
 Dual pedal

84 (213.4)
 133 (338)
 68 (173); 72 (183) width on demand
 62 (157.5)
 0 – 6 (0 – 10)
 0 – 9 (0 – 14)
 0 – 6 (0 – 10)
 2,290 (1,039) – cutting units lowered

3 reel cutting units
 Quick Adjust QA7 26 (66) or QA7 30 (76)
 5 or 8
 Standard; pressure sensing flow compensation backlap valve for constant reel speed, manual reel speed adjustment
 68 (173) or 72 (183); Width-on-Demand System
 0.35–2.48 (0.9–6.3)

0.201 (3.17)
 0.126 (1.99)
 3 (7.6) grooved, solid, or spiral (Optional)
 7 (17.8)
 Reel-to-bedknife

7400A**TERRAINCUT TRIM AND SURROUNDS MOWER**

Yanmar 3-cylinder direct inject diesel (Stage III A) / Yanmar 3-cylinder direct inject diesel, turbocharged (Stage V)
 27.3 (37.1) at 2,600 rpm (Stage III A) / 31 (42.1) at 2,800 rpm (Stage V)
 77.5 (1,267) (Stage III A) / 95.69 (1,568) (Stage V)
 2-stage dry element
 Liquid centrifugal. pump; forward machine location for optimum cooling

eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System

Gear
 –
 12 (45.4)
 12 (45.4)
 Hydraulic power with double-acting steering cylinder
 24 × 12 – 12 turf trac
 24 × 12 – 12 multi trac
 14 psi
 Internal hydraulic wet disc brakes
 Standard; ISO 21299 Standard pending

One touch switch
 Selector switch and extend/retract switch
 Hand throttle
 One-touch single handle
 Electric switch on CommandARM
 Key start
 Switch on CommandARM
 Machine warnings, onboard electrical diagnostics, service timers, settings for mow and transport speed, turn speed, LoadMatch

Deluxe suspension seat with seat belts; fore/aft adjustment, weight and lumbar adjustment
 Electric switch on CommandARM for internal wet disc brakes
 Foot-operated
 Dual pedal

84 (213.4)
 133 (338)
 70.5 (179) with 68 (173) cutting width; 76.5 (194.3) with 74 (188) cutting width
 62 (157.5)
 0 – 6 (0 – 10)
 0 – 9 (0 – 14)
 0 – 5 (0 – 6.4)
 2,680 (1,216) decks up; 2,240 (1,016) decks down (Stage III A) / 2,760 (1,252) decks up; 2,305 (1,045) decks down (Stage V)

3 rotary decks; no tool-adjustment cutting height
 27 (68.6)
 1 per deck (in total 3)
 –
 68 (173) or 74 (188); Width-on-Demand System
 0.75 – 4 (1.9 – 10.2) no tool adjustment (Stage III A) / 1 – 4 (2.54 – 10.2) no tool adjustment, 0.25 (0.6) increments (Stage V)

–
 –
 –
 –
 –



8800A

9009A

TERRAINCUT ROUGH MOWER

ENGINE		
Type	4-cylinder direct inject diesel (Stage III A) / Direct inject turbo charges diesel four-cylinder (Stage V)	Direct Inject Turbocharged Diesel 4 cylinder (Stage III B compliant)
Maximum rated power per SAE J1995, kW (hp)	36.2 (49.2) at 2,600 rpm (Stage III A) / 41.1 (55.9) at 2,800 rpm (Stage V)	41.1 (55.9) at 2,800 rpm (Stage V)
Displacement, cu in (cc)	134 (2,189) (Stage III A) / 127.06 (2,091) (Stage V)	127.6 cu in (2,091 cm ³)
Air cleaner	2-stage dry element	2-stage dry element
Cooling system	Liquid centrifugal, pump (Stage III A) / Liquid centrifugal, Pump – forward machine location for optimum cooling (Stage V)	Liquid centrifugal pump; forward machine location for optimum cooling
VEHICLE		
Traction drive	eHydro electronic-controlled hydrostatic pump to wheel motors with standard GRIP All Wheel Drive Traction System (Stage III A) / eHydro electronic-controlled hydrostatic pump to wheel motors (Stage V)	eHydro servo controlled hydraulic traction pump
Deck drive pump	Tandem gear pump	Tandem gear pump
Deck drive	Direct-coupled hydraulic gear motor	Direct-coupled hydraulic gear motor
Hydraulic system capacity, US gal (l)	12 (45.4)	12 (45.4)
Fuel tank capacity, US gal (l)	16 (61.7)	16 (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 psi	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), lb (kg)	3,400 (1,542)	1,814 (4,000)
Options available	Canopy, mulch blade, high lift blade, rear roller scraper	Canopy, mulch blade, high lift blade, rear roller scraper
CONTROLS ON OPERATOR COMMANDARM		
Throttle	Hand control on operator control console (Stage III A) / No trottle lever; Automatic controls with AutoPedal foot controls; manual control through TechControl display (Stage V)	No trottle 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		
Height with ROPS, in (cm)	87.4 (222)	87.4 (222)
Length, in (cm)	133 (338)	134 (339)
Width, in (cm)	87 (221)	90 (229)
Mowing width, in (cm)	88 (223)	108 (274)
Mowing, mph (km/h)	0 – 8.0 (0 – 12.8)	0 – 8 (0 – 12.8)
Transport, mph (km/h)	0 – 12.5 (0 – 20.12)	0 – 12.5 (0 – 20.12)
Reverse, mph (km/h)	0 – 5 (0 – 6.4)	0 – 5 (0 – 6.4)
CUTTING UNITS		
Cutting deck width, in (cm)	21 (53.3)	27 (68.58)
Cutting height range, in (cm)	1 to 4 (2.54 to 10.2); no tool adjustment	0.75 - 4 (1.9- 10.2) no tool adjustment
Deck construction	Single 10-gauge steel stamped deck with front skid plate 1.5 in (38 mm) tall and 0.5 in (12.7 mm) thick steel stock welded to the decks edge.	Single 10-gauge steel stamped deck with front skid plate 1.5 in (38 mm) tall and 0.5 in (12.7 mm) thick steel stock welded to the decks edge.
Rear roller diameter, in (cm)	3 (7.6)	3 (7.62)
Front rollers, in (cm)	4 (10.2) diameter by 5 (12.7) wide	5 (12.70)



1550 1570 1575 1580 1585

1600T SERIES III

TERRAIN CUT FRONT ROTARY MOWERS

WIDE-AREA ROTARY MOWER

ENGINE					
Type	3 cylinder Diesel	3 cylinder Diesel	3 cylinder Diesel	3 cylinder Diesel	3 cylinder Diesel
Maximum rated power per, SAE J1995, kW (hp)	17.8 (24.2) at 3,000 rpm (Stage V)	22.7 (30.9) at 3,000 rpm (Stage III A) / 27.5 (37.4) at 2,800 rpm (Stage V)	22.7 (30.9) at 3,000 rpm (Stage III A) / 27.5 (37.4) at 2,800 rpm (Stage V)	28.1 (38.2) at 3,000 rpm (Stage III A) / 27.5 (37.4) at 2,800 rpm (Stage V)	28.1 (38.2) at 3,000 rpm (Stage III A) / 27.5 (37.4) at 2,800 rpm (Stage V)
Displacement	77 cu / 1,260 ccm	100.2 cu in (1,642 cm ³)	100.2 cu in (1,642 cm ³)	100.2 cu in (1,642 cm ³)	100.2 cu in (1,642 cm ³)
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; mph (km/h)	0 – 12 (0 – 19.3)	0 – 12 (0 – 19.3)	0 – 12 (0 – 19.3)	Low = 0 – 8.5 (0 – 13.7) High = 0 – 15 (0 – 24.1)	Low = 0 – 8.5 (0 – 13.7) High = 0 – 15 (0 – 24.1)
Vehicle Speed Reverse	0 – 5 (0 – 8)	0 – 5 (0 – 8)	0 – 5 (0 – 8)	0 – 5 (0 – 8)	0 – 5 (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
Comfort	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel	Tilt steering wheel
ComfortCab	No	No	Yes	No	Yes
GLC1500 Collector	No	Yes – 600 ltr capacity	No	Yes – 600 or 900 ltr capacity	Yes – 600 or 900 ltr capacity
DIMENSION					
Ground clearance, in (mm)	6.5 (165)	6.5 (165)	6.5 (165)	7.8 (199)	7.8 (199)
Height with ROPS, in (mm)	83.5 (2,121)	83.5 (2,121)	N/A as cab standard	84.8 (2,155)	N/A as cab standard
Height with ROPS folded, in (mm)	58.8 (1,494)	58.8 (1,494)	N/A as cab standard	60.3 (1,532)	N/A as cab standard
Height with cab, in (mm)	N/A	N/A	83.7 (2,127)	N/A	85.2 (2,164)
Overall length without mower deck, in (mm)	87.3 (2,218)	87.3 (2,218)	87.3 (2,218)	87.3 (2,218)	87.3 (2,218)
Overall width of power unit, in (mm)	51.7 (1,314)	51.7 (1,314)	51.7 (1,314)	55.5 (1,410)	58 (1,475)
Wheelbase, in (mm)	49.2 (1,250)	49.2 (1,250)	49.2 (1,250)	49.2 (1,250)	49.2 (1,250)
Weight (without mower deck and fuel), lb (kg)	1,835 (832)	1,960 (889)	2,435 (1,105.5)	2,120 (962)	2,595 (1,177)

ENGINE	
Type	4 cylinder Diesel, 4 cycle, inline, turbocharged (Stage III B)
Rated Engine kW (hp), gross SAE J1995	44 (60) at 3,000 rpm (Stage V)
Max. torque (Nm) at rpm	159 Nm (117.3 lb-ft) at 3,000 rpm
Displacement	127.6 cu in (2,091 cm ³)
Injection type	Direct injection diesel
Air Cleaner	Dual-element dry type
Fuel Tank Capacity, ltr	83.3
TRANSMISSION	
Hydrostatic, wheel motors	
TRAVEL SPEEDS (INFINITE)	
Forward Max, km/h (mph)	24 (15)
Forward Low range, km/h (mph)	14.5 (9)
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	
Vehicle Height w 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, cm (in)	16.5 (6.5)
Wheelbase, m	1.52 (60)
WEIGHT	
Weight including deck(s) with ROPS, lb (kg)	4,650 (2,109)
TYRES	
Front	26 × 12-12
Rear	18 × 9.5-8
SEAT	
Comfort Seat, air ride seat standard	

**800****WALK-BEHIND AERCORE**

ENGINE	
Type	4 cycle unleaded petrol with electric starter and 1 dual element air filter
Horsepower, kW (hp)	18.6 (25)* at 3,600 rpm
Displacement	44.2 cu in (725 cc)
Fuel Capacity	4.163 gal (18.9 ltr)
Fuel Type	regular unleaded
CORING	
Transmission (Coring)	Mechanical 1st, 2nd, 3rd and 4th gear
Transmission (Transport)	Transport 3.5 mph (5.6 km/h)
Coring Head Drive	Matched dual v-belts
Lift System	Electro-hydraulic, electric pump, single hydraulic
Width	31.5 in (80 cm)
Depth	Up to 3.5 in (88.9 mm)
1st gear coring pattern	1.4 x 1.4 in w/mini tines, (36 x 36 mm)
2nd gear coring pattern	2.0 x 2.0 in (50 x 50 mm)
3rd gear coring pattern	2.6 x 2.0 in (65 x 50 mm)
4th gear coring pattern	2.9 x 2.0 in (75 x 50 mm)
PRODUCTIVITY	
1st gear	11,025 sq ft/hr, 1,024 sq m/hr
2nd gear	15,750 sq ft/hr, 1,440 sq m/hr
3rd gear	20,710 sq ft/hr, 1,933 sq m/hr
4th gear	22,835 sq ft/hr, 2,123 sq m/hr
Weight	1,312 lb (595 kg)
Height	44 in (1,110 mm)
Width	58 in (1,473 mm)
Length	84 in (2,134 mm)

* 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****MOUNTED AERATORS**

MACHINE			
Coring width, in (cm)	37.5 (101.6)	57.5 (152.4)	77.5 (190.6)
Coring depth, in (mm)	Up to 4 (100)	Up to 4 (100)	Up to 4 (100)
Coring pattern Option 1, in (mm)	Variable 2.4 x 2.0 – 5.0 (61 x 51 – 127) with 4X tine holders	Variable 2.4 x 2.0 – 5.0 (61 x 51 – 127) with 4X tine holders	Variable 2.4 x 2.0 – 5.0 (61 x 51 – 127) with 4X tine holders
Coring pattern Option 2, in (mm)	Variable 3.2 x 2.0 – 5.0 (81.3 x 50 – 125) with 3X tine holders	Variable 3.2 x 2.0 – 5.0 (81.3 x 50 – 125) with 3X tine holders	Variable 3.2 x 2.0 – 5.0 (81.3 x 50 – 125) with 3X tine holders
PRODUCTIVITY			
2.4 x 2.0 in (61 x 50 mm), sq ft/hr (sq m/hr)	20,013 sq ft/hr (1,859 sq m/hr)	30,020 sq ft/hr (2,789 sq m/hr)	40,026 sq ft/hr (3,718 sq m/hr)
2.4 x 2.5 in (61 x 64 mm), sq ft/hr (sq m/hr)	25,016 sq ft/hr (2,324 sq m/hr)	37,525 sq ft/hr (3,486 sq m/hr)	50,032 sq ft/hr (4,608 sq m/hr)
2.4 x 3.0 in (61 x 76 mm), sq ft/hr (sq m/hr)	30,020 sq ft/hr (2,789 sq m/hr)	45,030 sq ft/hr (4,183 sq m/hr)	60,040 sq ft/hr (5,578 sq m/hr)
2.4 x 4.0 in (61 x 101 mm), sq ft/hr (sq m/hr)	40,026 sq ft/hr (3,718 sq m/hr)	60,039 sq ft/hr (5,578 sq m/hr)	80,052 sq ft/hr (7,436 sq m/hr)
2.4 x 4.38 in (61 x 111 mm), sq ft/hr (sq m/hr)	43,795 sq ft/hr (4,069 sq m/hr)	65,693 sq ft/hr (6,102 sq m/hr)	87,590 sq ft/hr (8,138 sq m/hr)
2.4 x 5.0 in (61 x 127 mm), sq ft/hr (sq m/hr)	50,033 sq ft/hr (4,648 sq m/hr)	75,049 sq ft/hr (6,972 sq m/hr)	100,066 sq ft/hr (9,296 sq m/hr)
TINE SIZES, TUBULAR			
Option 1, in (mm)	1 (25.4)	1 (25.4)	1 (25.4)
Option 2, in (mm)	3/4 (19)	3/4 (19)	3/4 (19)
Option 3, in (mm)	5/8 (16)	5/8 (16)	5/8 (16)
Option 4, in (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Option 5, in (mm)	3/8 (10)	3/8 (10)	3/8 (10)
TINE SIZES, OPEN SIDE			
Option 1, in (mm)	1 (25.4)	1 (25.4)	1 (25.4)
Option 2, in (mm)	7/8 (22.23)	7/8 (22.23)	7/8 (22.23)
Option 3, in (mm)	13/16 (20.64)	13/16 (20.64)	13/16 (20.64)
Option 4, in (mm)	3/4 (19)	3/4 (19)	3/4 (19)
Option 5, in (mm)	5/8 (16)	5/8 (16)	5/8 (16)
Option 6, in (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Option 7, in (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Option 8, in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
TINE SIZES, SOLID			
Option 1, (mm)	Needle tines – 5 and 8	Needle tines – 5 and 8	N/A
Option 2, in (mm)	5/8 (16)	5/8 (16)	5/8 (16)
Option 3, in (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Option 4, in (mm)	Cross with 1/2 (12.7) rib	Cross with 1/2 (12.7) rib	Cross with 1/2 (12.7) rib
Option 5, in (mm)	Super Cross with 3/4 (19) rib	Super Cross with 3/4 (19) rib	Super Cross with 3/4 (19) rib
DIMENSIONS			
Weight, lb (kg)	865 (392)	1,100 (499)	1,728 (772)
Height, in (mm)	39 (990)	39 (990)	39 (990)
Width, in (mm)	45.7 (1,160)	65.5 (1,662)	85.7 (2,177)
Length, in (mm)	33 (845)	33 (845)	33 (845)

**TC125****COLLECTION SYSTEM**

MACHINE INFORMATION	
Vehicle requirements	Powered by either a compact utility tractor or HDUV with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous
Gathering width, in (cm)	48 (121.9)
Hopper capacity, cu ft (m³)	25 (0.71)
Hitch	Attaches with standard 3/4 in (19 mm) 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, in (cm)	Brush aggressiveness and flotation is controlled by a 6 (15.24) 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	
Height, in (cm)	64 (162.5) lowered; 145 (368) raised
Length, in (cm)	138 (350.5)
Width, in (cm)	94 (238.7)
Weight, lb (kg)	1,250 (578)
Dump height clearance, in (cm)	49 (120)

**TD100****COLLECTION SYSTEM**

MACHINE INFORMATION	
Vehicle requirements	Powered by a HDUV with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 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 m³ / 12 cu ft heaped 0.54 m³ / 19 cu ft
Size	Top: 146 × 91 cm / 57.625 × 36 in Bottom: 146 × 61 cm / 57.625 × 24 in Depth 40.6 cm / 16 in
Spreat width	142 cm / 56 in
Material	Galvanized Steel
CONVEYOR BELT	
Material	Nylon/polyester cord, textured, rubber coating
Constraction	endless belt
Width, in (cm)	56/142
BRUSH	
Material	Polypropylene
Diameter	9 in / 22.9 cm
Speed of rotation	190 (motor at 44) rpm
METERING	
Type	fixed-speed belt, adjustable metering gate
Metering gate adjustment	infinite 0-3 in height (0-7.62 cm)
Controls	two hand levers, one to adjust, one to lock
DIMENSIONS	
Height, in (cm)	25 (63.5)
Length, in (cm)	51.5 (131)
Width, in (cm)	64.5 (164)
Overall height mounted on vehicle	51 (129.5)
Weight, lb (kg) empty	685 (311)
Shipping Weight, lb (kg)	810 (367)

**1200A****1200H****BUNKER AND FIELD RAKE**

ENGINE		
Manufacturer	Kawasaki	
Type	4-cycle, air-cooled	
Maximum rated power, kW (hp)*	10.1 (13.5) at 3,600 rpm	11.9 (16) at 3,600 rpm
Cubic capacity, cc	401 / 24.5	480 / 29.3
Compression ratio	8.4:1	8.5:1
Lubrication	Full-pressure lubrication	
Oil filter	Standard	
Spark arrester muffler	Standard	
Idle speed, rpm	1,175 ± 75 low speed 3,100 ± 75 fast speed	low speed 1,750 rpm fast idl (low loas) 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	
Ignition	Transistor type	
Light kit	Available	
FUEL SYSTEM		
Tank capacity, US gal (l)	3.6 (13.6)	3.9 (14.8)
Fuel pump	Diaphragm type	
Fuel required	Regular leaded or unleaded petrol	
TRANSMISSION		
Type	Belt-driven torque converter with Kanzaki gear-driven transaxle	Hydrostatic w 3 hydraulic motors
Fluid capacity, US gal (l)	0.52 (2.3)	3.2 (12.2)
TRAVEL SPEED		
Forward, mph (km/h)	Variable, 0–12.6 (0–20.3)	0–10 (0–16.9)
reverse, mph (km/h)	Variable, 0–12.6 (0–20.3)	0–4 (0–6)
BRAKES		
Type	Mechanically operated disc with parking brake	Dual rear wheel parking brakes; dynamic braking provided by closed loop hydrostatic powertrain
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		
Width, in (mm)	58 (1,473)	73.5 (187)
Height, in (mm)	41 (1,041)	45 (114)
Length, in (mm)	66 (1,676)	85 (216)
Wheelbase, in (mm)	41.5 (1,054)	47 (119)
Ground clearance at rake attachment, in (mm)	9.5 (241)	9.5 (241)
Turning radius, in (mm)	12 (305)	0
Weight (approx.), lb (kg)	580 (263)	890 (404)
Rear-hitch towing capacity, lb (kg)	500 (227)	N/A

* 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.



	TX/TX TURF	TE	HPX 815E	TH 6X4
	T-SERIES / WORK SERIES		WORK SERIES	T-SERIES / WORK SERIES
ENGINE				
Type	675 cc / 401 cc, 2-Cylinder / 1-Cylinder, 4-Cycle Petrol	48 VDC Separately Exited, Electric	854 cc, 3-Cylinder, 4-Cycle, Diesel	854 cc, 3-Cylinder, 4-Cycle, Diesel
Power kW (hp) at min ⁻¹	12.5 (16.8) at 3,200 rpm / 8 (10.9) at 3,250 rpm 98 / 67 / EC	48 V with 8 Trojan T-145 Batteries	13.6 (18.5) at 3,400 ECE-R24	13.6 (18.5) at 3,400 rpm ECE-R24
Cooling System	Air	NA	Liquid	Liquid
Fuel Tank, ltr	18.9	NA	20.1	18.9
POWER STEERING				
	NA	NA	NA	NA
4-WHEEL DRIVE				
	No	No	Yes	Yes
DRIVE SYSTEM				
Type	CVT (Continuously Variable Transmission)	NA	2-speed CVT (Continuously Variable Transmission)	CVT (Continuously Variable Transmission)
Ground Speed, km/h*	0 – 32 Forward / 0 – 25 Forward	0 – 24 Forward	0 – 40 Forward	0 – 32 Forward
Differential Lock	Standard, Hand-Operated		Auto-Locking (Front) / Positive Locking, Mechanically Actuated-Hand-Operated (Rear)	Standard, Hand-Operated
Brakes	All-Wheel Hydraulic Disc	Dual Rear Wheel Mechanical Drum	Front / Rear Hydraulic Disc	Wet Disc in Transaxle
Suspension, Front	Independent Spring-Over-Shock, Single A-Arm	Independent Spring-Over-Shock, Single A-Arm	Independent with McPherson Strut	Independent Spring-Over-Shock, Single A-Arm
Suspension, Rear	Semi-Independent Coil-Over-Shock	Two High-Flotation Tyres, Low Pressure Tyres (Solid Axle)	Coil-Over-Shock	Two High-Flotation Tyres, Low Pressure Tyres (Solid Axle)
Suspension Travel, mm	127 Front & 76 Rear	127 Front	131 Front & 90 Rear	127 Front
DIMENSIONS				
Dimensions (W × L × H), mm	1,525 × 2,847 × 1,108 / 1,525 × 2,847 × 1,209	1,525 × 2,728 × 1,130	1,506 × 2,870 × 1,867	1,525 × 2,754 × 1,108
Weight (Including Fluids), kg	508 / 501	667 w / Batteries	693	630
Towing Capacity, kg	454	273	590	726
Payload Capacity, kg	454	409	635	726
GROUND CLEARANCE				
	Under Transaxle: 145 Under Foot Platform: 270	Under Foot Platform: 185	Under Transaxle: 152 Under Foot Platform: 305	Under Transaxle: 165 Under Foot Platform: 216
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)	Deluxe (Polypropylene Side Panels and Tailgate; Steel Floor and Load Guard)	Deluxe (Polypropylene Side Panels and Tailgate; Steel Floor and Load Guard)
Dimensions (L x W x D), mm	1,143 × 1,320 × 305	1,143 × 1,320 × 305	1,116 × 1,244 × 229	1,143 × 1,320 × 305
Volume, ltr	460	460	320	460
Capacity, kg	272	227	454	544
TYRES				
Front	22 × 9.5 – 10, 4 PR Cayman AT (All Terrain – Only Available on TX) 22 × 9.5 – 10, 4 PR Cayman Turf 22 × 9.5 – 10, 4 PR Cayman XT (Xtreme Terrain – Only Available on TX)	22 × 9.5 – 10, 4 PR Cayman 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	22.5 × 10 – 8, 4 PR Cayman KT (Knobby) 22.5 × 10 – 8, 4 PR Cayman Turf 22.5 × 10 – 8, 4 PR Cayman AT (All Terrain)
Rear	24 × 10.5 – 10, 4 PR Cayman AT (All Terrain – Only Available on TX) 24 × 12 – 10, 4 PR Cayman Turf 24 × 12 – 10, 4 PR Cayman XT (Xtreme Terrain – Only Available on TX)	24 × 12 – 10, 4 PR Cayman 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	25 × 12 – 9, 4 PR Cayman KT (Knobby) 25 × 12 – 9, 4 PR Cayman Turf 25 × 13 – 9, 4 PR Cayman AT (All Terrain)
Colours	Green & Yellow	Green & Yellow	Green & Yellow	Green & Yellow
Seating Capacity	2	2	2	2

* Homologation type and speed may vary by country. Please refer to your dealer.



PROGATOR 2030A
HEAVY DUTY WORK SERIES

ENGINE	
Type	1,267 cc, 3-Cylinder, Diesel
Power kW (hp) at min ⁻¹	17.8 (24.2) at 3,200
Valves	Overhead
Lubrication	Full pressure
Cooling System	Liquid
Air filter	Replaceabledual dry-type
Air Filter restriction indicator	Standard
Fuel Tank, ltr	30.3
POWER STEERING	
	Yes
4-WHEEL DRIVE	
	Yes, Optional
DRIVE SYSTEM	
Type	5-speed Synchronmesh with Five Forward Gears and One Reverse Gear
Ground Speed, km/h*	0 – 31 Forward
Differential Lock	Standard, Hand-Operated/
Brakes	4-wheel hydraulic drum
Suspension, Front	Dual Leaf Springs and Shocks
Suspension, Rear	Dual Leaf Springs and Shocks
Suspension Travel, mm	–
DIMENSIONS	
Dimensions (W × L × H), mm	1,586 × 3,285 × 1,936
Weight (Including Fluids, standard suspension), kg / lb – 2WD	856 (Base Maschine, No Driver, No Passenger, No Loaded Attachment)
Weight (Including Fluids, standard suspension), kg / lb – 4WD	915 / 2,017
Towing Capacity, kg	680 / 1,500
Payload Capacity, kg / lb 2wd standard suspension	1,594 / 3,514
Payload Capacity, kg / lb 4wd standard suspension	1,535 / 3,384
GROUND CLEARANCE	
	Under Transaxle: 168
DELUXE CARGO BOX	
Type / Material	Steel
Dimensions (L × W × D), mm	1,600 × 1,283 × 267
Volume, ltr	550
Capacity, kg	907
TYRES	
Front	23 × 10.50 – 12, 4 PR Industrial Trax 23 × 10.50 – 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
Colours	Green & Yellow
Seating Capacity	2

* Homologation type and speed may vary by country. Please refer to your dealer.

MACHINE INFORMATION	
Vehicle requirements	
SPRAYER	
Tank	
Frame	
Capacity gross, ltr (gal)	
Capacity rated, ltr (gal)	
Agitation	
Pressure/flow regulator	
Filter	
Boom shutoff valves	
Throttling valves	
RINSE TANK	
Capacity gross, ltr (gal)	
Capacity rated, ltr (gal)	
DIAPHRAGM PUMP	
Number of diaphragms	
Lubrication	
PTO	
Max flow, gal/min (l/min)	
Max pressure, psi (bar)	
Relief pressure, psi (bar)	
AUTOMATIC RATE CONTROLLER	
Type	
Switches on control box	
Pressure sensor, psi (bar)	
Gauges	
Rate control	
BOOMS	
Construction	
Number of sections	
Breakaway	
Boom height	
Lift systems	
Width, m (ft)	
Nozzle configuration	
Shut Off	
FOAM MARKER	
Type	
Pump	
Rate	
MOUNTING	
Type	
Removal	
Storage	
DIMENSIONS (18-FT BOOM)	
Boom height (wings raised), cm (in)	
Boom width (wings raised), cm (in)	
Boom width (wings lowered), cm (in)	
DIMENSIONS (15-FT/21-FT BOOM)	
Boom height (wings raised and extensions folded), cm (in)	
Boom width (wings raised and extensions folded), cm (in)	
Boom width (wings raised), cm (in)	
Boom width (wings lowered and extensions folded), cm (in)	
Boom width (wings lowered and extensions extended), cm (in)	



HD200 SELECTSPRAY

SPRAYER

Powered by HDUV ProGator 2030 with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit; need to be ordered separately

High density polyethylene

Welded steel

757 (200)

700 (185)

Standard intense jet agitation with several arigation nozzles, adjusted by proportional control valve; 7.9 mm / 0.313 (5/16) in orifice

Electric

100 mesh, self-cleaning

Electric

Standard; adjustable

75 (20)

70 (18.5)

3

Oil

Hydraulically driven motor

30.1 (113.9)

290 (20)

200 (13.8)

Weather-resistant control box with electronic control switches and digital pressure display; removable without tools for storage

Individual boom on/off, boom master, foam marker, boom lift/lower, pressure increase/decrease, auto/manual

363 (25)

Digital speed, digital pressure, digital tank sight gauge and digital flow rate on rate controller screen

Constant pressure or constant flow

Heavy duty 14-gauge square tubing

3

Bidirectional

Adjustable

Electro-hydraulic standard

5.5 (18) or 4.6 (15) / 6.4 (21)

Triple-nozzle bodies on 50 cm (20 in) spacing section

Electric

Individual air and liquid pumps, solution mixes at foamer head

Adjustable with no tools by turning rotary knob on foamer box

3-pin sprayer to frame

3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools

Optional storage stands

228 (99)

180 (71)

514 (203)

178 (70)

244 (96)

252 (99)

478 (188)

615 (242)



HD200 GPS PRECISIONSPRAY

SPRAYER

MACHINE INFORMATION

Vehicle requirements

Powered by HDUV ProGator 2030, 17.6 kW (23.6 hp) 1115 diesel engine, with a selective control valve (SCV). Hydraulic requirements – 6 gpm (23 Lpm), 2,000 psi (13.8 mPa) minimum continuous, mirror kit, Throttle/Governor control kit, roof kit w rear panel, 4WD, Fairway Rear Tires, Standard Turf Fron Tires, Heave Duty suspension kit, 4 post ROPS, pre-wired ready to spray

SPRAYER

Tank

High density polyethylene

Frame

Welded steel

Capacity gross, ltr (gal)

757 (200)

Capacity rated, ltr (gal)

700 (185)

Agitation

Standard intense jet agitation with several arigation nozzles, adjusted by proportional control valve; 7.9 mm / 0.313 (5/16) in orifice

Pressure/flow regulator

Electric

Filter

100 mesh, self-cleaning

Boom shutoff valves

Electric

Throttling valves

Standard; adjustable

Clean Water Tank

integrated, 15 liter (4 gallons)

Foamer Soap Tank

integrated, 15 liter (4 gallons)

RINSE TANK

Capacity gross, ltr (gal)

75 (20)

Capacity rated, ltr (gal)

70 (18.5)

DIAPHRAGM PUMP

Number of diaphragms

3

Lubrication

Oil

PTO

Hydraulically driven motor

Max flow, gal/min (l/min)

30.1 (113.9)

Max pressure, psi (bar)

290 (20)

Relief pressure, psi (bar)

200 (13.8)

CONTROL SYSTEM

Display

John Deere 4240 Universal Display

Reiever

John Deere Star Fire 6000 Reciever

Steering System

John Deere AutoTrac ATU 300 Universal

Rate Controller

John Deere Green Stare Rate Control GRC

Celluar Modem

John Deere Yukon 4G

Pressure Sensor

WIKA

Pressure Sensor Spec

25 bar max; 18.4 mV/PSI 1/4; NTP Thread

Flowmeter

ARAG 2660-0069

Flowmeter spec

Paddle 1.3 - 26 GPM (5-100 L/min); 290 max PSI (20 bar); ARAG 4 bolt pattern; typical calibration 2,365 pulses/gallon

Rate control

Constant pressure or constant flow

BOOMS

Construction

Heavy duty 11-gauge square tubing w blach powdercoat

Number of sections

3

Breakaway

Bidirectional

Boom height

Adjustable

Lift systems

Electro-hydraulic standard

Width, m (ft)

5.5 (18)

Nozzle configuration

Triple-nozzle bodies on 50 cm (20 in) spacing

Shut Off

individual nozzlw shut of

Max Operation Pressure (plumbing) psi (bar)

150 (10.3)

FOAM MARKER (Optional)

Type

Electric

Pump

Individual air and liquid pumps, solution mixes at foamer head

Rate

Adjustable with no tools by turning rotary knob on foamer box

MOUNTING

Type

3-pin sprayer to frame

Removal

3 pins, disconnect three electrical connectors, two hydraulic lines for easy removal with no tools

Storage

Optional storage stands

DIMENSIONS (18-FT Boom)

Boom height (wings raised), cm (in)

239 (94)

Boom width (wings raised), cm (in)

180 (71)

Boom width (wings lowered), cm (in)

531 (209)

Weight boom empty kg (lb)

95 (210)

Nozzle count

11

Nozzle turret Capacity

3



	3038E	3033R	3038R	3045R
	3E SERIES	3R SERIES		
ENGINE				
Type	3-Cylinder Diesel Turbocharged	3-Cylinder Diesel	3-Cylinder Diesel Turbocharged	3-Cylinder Diesel Turbocharged / Intercooler
SAE J1995 Gross engine power at rated speed kW (hp) (Performance obtained and corrected in accordance with SAE J1995® Revised December, 2013)	27.7 (37.1) at 2,600 rpm	24.2 (32.5) at 2,600 rpm	27.7 (37.1) at 2,600 rpm	32.8 (44.0) at 2,600 rpm
ECE-R120 Net bare engine power at rated engine rpm kW (hp)	27.3 (36.6) at 2,600 rpm	24.1 (32.8) at 2,600 rpm	27.3 (37.1) at 2,600 rpm	32.8 (44.6) at 2,600 rpm
ECE-R24 Net bare engine power at rated engine rpm kW (hp)	26.8 (35.9) at 2,600 rpm	23.1 (31.4) at 2,600 rpm	26.6 (36.2) at 2,600 rpm	32.4 (44.0) at 2,600 rpm
Rated PTO kW (hp)	22 (29.5)	19 (25)	23 (30)	26 (35)
Displacement, ltr	1.5	1.6	1.5	1.5
Max Torque, Nm at rpm	120 at 1,800	107 at 1,200	116 at 1,400	137 at 1,560
Air Cleaner	Dry Type w/ Safety Element and Restriction Indicator Light	Dry Type w/ Safety Element and Restriction Indicator Light	Dry Type w/ Safety Element and Restriction Indicator Light	Dry Type w/ Safety Element and Restriction Indicator Light
Fuel Tank Capacity, ltr	28.5	Open Station – 51 / Cab – 45	Open Station – 51 / Cab – 45	Open Station – 51 / Cab – 45
DRIVETRAIN				
Transmission – Gear	N/A	N/A	12×12 PowrReverser	N/A
Transmission – Hydro	Two Pedal Hydro Transmission	Two Pedal E-Hydro Transmission	Two Pedal E-Hydro Transmission	Two Pedal E-Hydro Transmission
Max. Speed, km/h (mph)	24.9 (15.5)	30.6 (19)	30.6 (19)	30.6 (19)
Clutch PowrReverser	N/A	N/A	Wet Multi-Disc	N/A
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc
Steering	Power Steering	Power Steering	Power Steering	Power Steering
Differential Lock	Standard	Standard	Standard	Standard
4-Wheel Drive	Standard	Standard	Standard	Standard
HYDRAULIC SYSTEM				
Type	Open Centre	Open Centre	Open Centre	Open Centre
Total Flow, l/min	35.2	52.5	52.5	52.5
Implement, l/min	20.2	32.5	32.5	32.5
Steering, l/min	15	20	20	20
HITCH				
Category 1 Rear 3pt Hitch	Standard	Standard	Standard	Standard
Lift Capacity at Lift Points, kg	N/A	1,148	1,148	1,148
Lift Capacity 610 mm (24") Behind Lift Ends, kg	615	999	999	999
PTO				
Type	Independent	Independent	Independent	Independent
Location	Standard Rear	Standard Rear, Mid* Standard and Front Optional	Standard Rear, Mid* Standard and Front Optional	Standard Rear, Mid* Standard and Front Optional
Speed	540 Rear	540 Rear	540 Rear	540 Rear
Rotation	N/A	1000CW, 1000CCW or 2100CCW All Engine Driven	1000CW, 1000CCW or 2100CCW All Engine Driven	1000CW, 1000CCW or 2100CCW All Engine Driven
Clutch / Brake	Wet Multi Disc	Wet Multi Disc	Wet Multi Disc	Wet Multi Disc
SAFETY				
ROPS / Cab	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards
Driver Safety System				
– PTO Brake	Standard	Standard	Standard	Standard
– Operator Present	Standard	Standard	Standard	Standard
DIMENSIONS				
Total Length with 3pt Hitch, mm	2,945	3,230	3,230	3,230
Total Width, mm	1,446	1,323–1,728	1,323–1,728	1,323–1,728
Wheelbase, mm	1,595	1,727	1,727	1,727
Height with ROPS, mm	2,422	2,332–2,370	2,332–2,370	2,332–2,370
Height with Cab, mm	N/A	2,257–2,278	2,257–2,278	2,257–2,278
Weight Empty with ROPS / with Cab, kg	1,053	1,400 / 1,700	1,400 / 1,700	1,400 / 1,700
Total Permissible Weight, kg	2,000	3,180	3,180	3,180
Front Axle, kg	880	1,450	1,450	1,450
Rear Axle, kg	1,200	2,000	2,000	2,000
Towing Capacity, kg	2,500	4,000	4,000	4,000
TYRES				
R1 AG	– Front	7–14 6PR	7.00–14 6PR	7.00–14 6PR
	– Rear	11.2–24 6PR	11.2–24 6PR	11.2–24 6PR
R1 AG	– Front	200 / 70R16	–	–
	– Rear	320 / 70R24	–	–
R3 TURF	– Front	27×8.5–15 4PR	27×8.50–15 6PR	27×8.50–15 6PR
	– Rear	41×14–20 4PR	41×14–20 6PR	41×14–20 6PR
R3 TURF Special	– Front	–	25×10.50LL–15 6PR	25×10.50LL–15 6PR
	– Rear	–	41LL×18–16.1 6PR	41LL×18–16.1 6PR
R3 TURF Radial	– Front	–	25×10.50LL–15 6PR	25×10.50LL–15 6PR
	– Rear	–	41LL×18–16.1 6PR	41LL×18–16.1 6PR
R4 Industrial	– Front	25×8.5–14 4PR	25×8.5–14 6PR	25×8.5–14 6PR
	– Rear	15–19.5 4PR	15–19.5 6PR	15–19.5 6PR
R4 Industrial	– Front	27×8.50–15 4PR	27×8.5–15 6PR	27×8.5–15 6PR
	– Rear	43×16–20 4PR	43×16.00–20 4PR	43×16.00–20 4PR

* On PowrReverser Optional



	4049M	4066M	4049R	4066R
	4M SERIES		4R SERIES	
ENGINE				
Type	4-Cylinder Diesel Turbocharged	4-Cylinder Diesel Turbocharged / Intercooler with Diesel Particulate Filter	4-Cylinder Diesel Turbocharged	4-Cylinder Diesel Turbocharged / Intercooler with Diesel Particulate Filter
SAE J1995 Gross engine power at rated speed kW (hp) (Performance obtained and corrected in accordance with SAE J1995® Revised December, 2013)	36 (48.3) at 2,600 rpm	48.5 (65.0) at 2,600 rpm	36 (48.3) at 2,600 rpm	48.5 (65.0) at 2,600 rpm
ECE-R120 Net bare engine power at rated engine rpm kW (hp)	36.2 (49.0) at 2,600 rpm	48.5 (65) at 2,600 rpm	36.2 (49.0) at 2,600 rpm	48.5 (65) at 2,600 rpm
Rated Engine kW (hp), ECE-R24 at Engine rpm	33.5 (46.0) at 2,600 rpm	46.6 (63) at 2,600 rpm	33.5 (46.0) at 2,600 rpm	46.6 (63) at 2,600 rpm
Rated PTO kW (hp)	27.5 (36.9)	40.2 (54)	27.5 (36.9)	40.2 (54)
Displacement, cc	1,995	2,091	1,995	2,091
Max Torque, Nm at rpm	156 at 1,700	207 at 1,690	156 at 1,700	207 at 1,690
Air Cleaner	Dry Type, Two Stage	Dry Type, Two Stage	Dry Type, Two Stage	Dry Type, Two Stage
Fuel Tank Capacity, ltr	Open Station – 49.2	Open Station – 49.2	Cab – 52	Cab – 52
DRIVETRAIN				
Transmission – Gear	12×12 PowrReverser	12×12 PowrReverser	N/A	N/A
Transmission – Hydro	Two Pedal E-Hydro Transmission	Two Pedal E-Hydro Transmission	Two Pedal E-Hydro Transmission	Two Pedal E-Hydro Transmission
Max. Speed, km/h (mph)	32.8 (20.3)	32.8 (20.3)	32.8 (20.3)	32.8 (20.3)
Clutch PowrReverser	Wet Disc	Wet Disc	N/A	N/A
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc
Steering	Power Steering	Power Steering	Power Steering	Power Steering
Differential Lock	Standard	Standard	Standard	Standard
4-Wheel Drive	Standard	Standard	Standard	Standard
HYDRAULIC SYSTEM				
Type	Open Centre	Open Centre	Open Centre	Open Centre
Total Flow, l/min	60.2	60.2	60.2	60.2
Implement, l/min	38.7	38.7	38.7	38.7
Steering, l/min	21.5	21.5	21.5	21.5
HITCH				
Category 1 Rear 3pt Hitch	Standard	Standard	Standard	Standard
Lift Capacity at Lift Points, kg	1,420	1,420	1,420	1,420
Lift Capacity 610 mm (24") Behind Lift Ends, kg	1,134	1,134	1,134	1,134
PTO				
Type	Independent	Independent	Independent	Independent
Location	Standard Rear / Front Optional	Standard Rear / Front Optional	Standard Rear / Front Optional	Standard Rear / Front Optional
Speed	540 Rear	540 Rear	540 Rear	540 Rear
Rotation	1000CW, 1000CCW or 2100CCW All Engine Driven	1000CW, 1000CCW or 2100CCW All Engine Driven	1000CW, 1000CCW or 2100CCW All Engine Driven	1000CW, 1000CCW or 2100CCW All Engine Driven
Clutch / Brake	Wet Disc	Wet Disc	Wet Disc	Wet Disc
SAFETY				
ROPS / Cab	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards	Complies with ASAE, OSH Standards
Driver Safety System				
– PTO Brake	Standard	Standard	Standard	Standard
– Operator Present	Standard	Standard	Standard	Standard
DIMENSIONS				
Total Length with 3 pt Hitch, mm	3,318	3,318	3,318	3,318
Total Width, mm	1,806 – 1,987	1,806 – 1,987	1,806 – 1,987	1,806 – 1,987
Wheelbase, mm	1,854	1,854	1,854	1,854
Height with ROPS, mm	2,545	2,545	N/A	N/A
Height with Cab, mm	N/A	N/A	2,474	2,474
Weight Empty with ROPS / with Cab, kg	1,710 / N/A	1,710 / N/A	N/A / 2,120	N/A / 2,120
Total Permissible Weight, kg	4,000	4,000	4,000	4,000
Front Axle, kg	1,600	1,600	1,600	1,600
Rear Axle, kg	2,400	2,400	2,400	2,400
Towing Capacity, kg	5,000	5,000	5,000	5,000
TYRES				
R1 AG	– Front	8.00 – 16	8.00 – 16	8.00 – 16
	– Rear	13.6 – 28	13.6 – 28	13.6 – 28
R1 AG	– Front	280 / 70R16	280 / 70R16	–
	– Rear	380 / 70R28	380 / 70R28	–
R3 TURF	– Front	27×10.50 – 15	27×10.50 – 15	27×10.50 – 15
	– Rear	44×18.00 – 20	44×18.00 – 20	44×18.00 – 20
R3 TURF Special	– Front	27×12LL – 15	27×12LL – 15	27×12LL – 15
	– Rear	22.5LL – 16.1	22.5LL – 16.1	22.5LL – 16.1
R4 Industrial	– Front	10.00 – 16.5	10.00 – 16.5	10.00 – 16.5
	– Rear	16.9L – 24	16.9L – 24	16.9L – 24
R4 Industrial	– Front	–	–	–
	– Rear	–	–	–

* On PowrReverser Optional

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