

LAWN CARE SOLUTIONS



JOHN DEERE

NOTHING RUNS LIKE A DEERE

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ROBOTIC MOWER

THE BIGGER PICTURE

Stan Herd is a trained artist who plants, grows and mows entire landscapes to create stunning images you can only see from the air.



LAWN
TRACTORS

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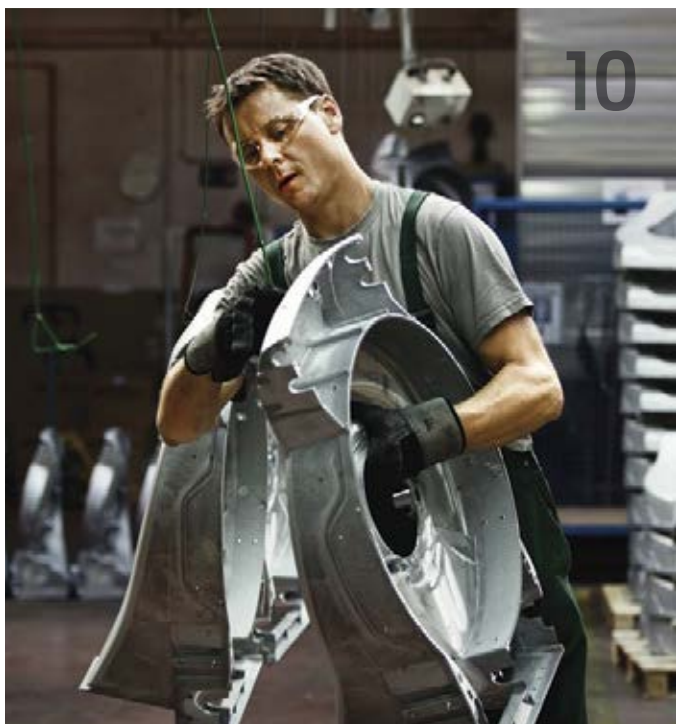


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ATTACHMENTS

Get even more out of your new lawn tractor! From blades and blowers to collectors and carts, these top quality attachments help you do things properly all year round.



A WORLD OF QUALITY

At our lawnmower factory in Gummersbach (Germany), strict, start-to-finish quality controls make the difference our customers appreciate.

WALK-BEHIND MOWERS

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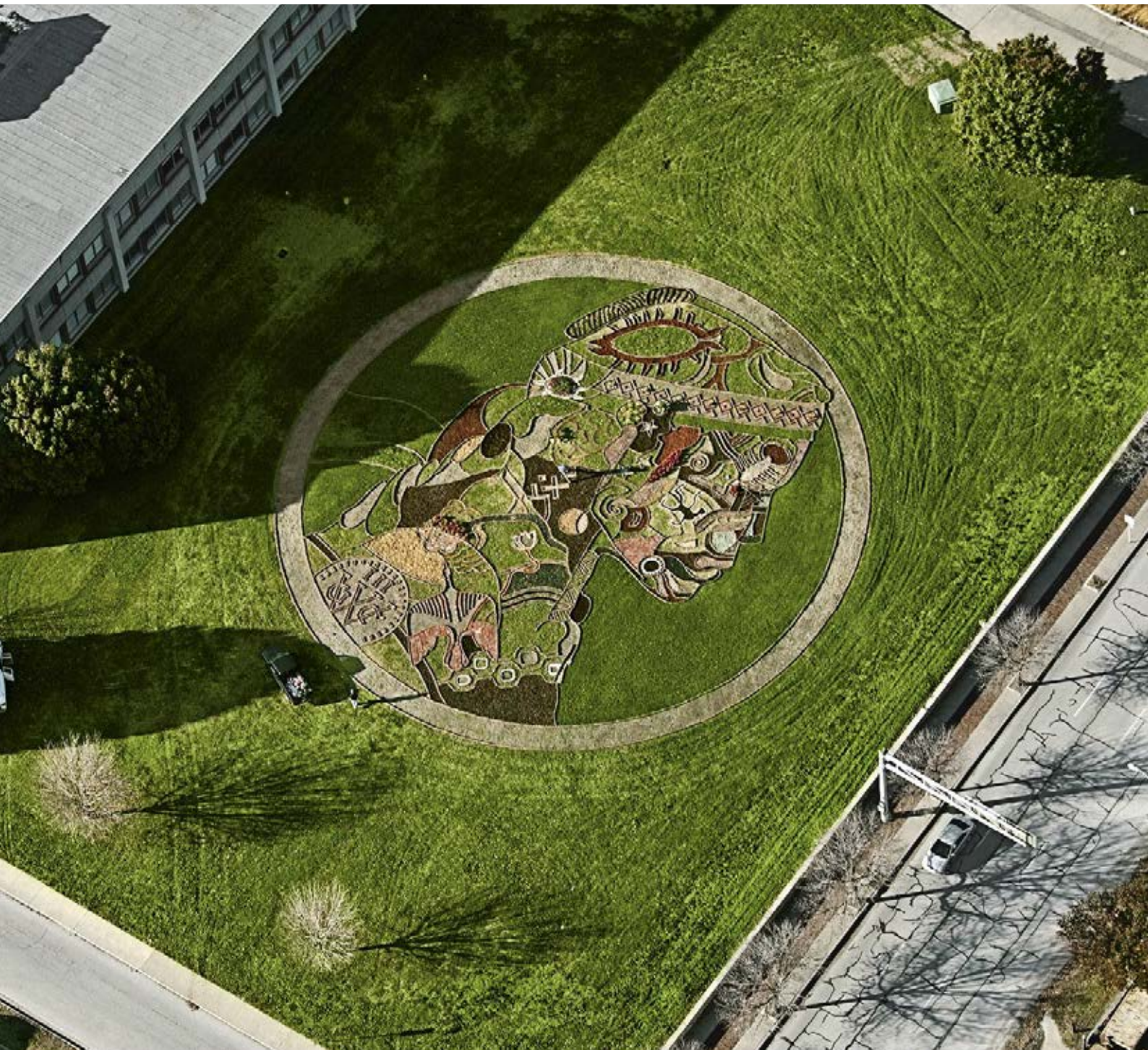
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JOHN DEERE is a member of
EGMF – European Garden
Machinery Federation

THE BIGGER PICTURE



Stan Herd aboard a John Deere 2030 in Arkansas. The picture was taken in 1996.



When a blacksmith called John Deere presented his self-cleaning plough in 1837, he literally broke new ground in his field. But while his innovation was an overnight success, nobody at the time could know how far his ideas would take him – or how rich the harvest would be. It is only with hindsight that we see the bigger picture.

The same could be said of Stan Herd and his monumental earthworks. What began on a relatively modest scale in Kansas in 1981 has grown steadily in complexity and ambition ever since. Today, fans all over the world look up to the American concept artist as the 'Father of Crop Art' – and a man who has transformed the way we look at the land from above.

LIVING SCULPTURES

Stan is a college-trained painter who works up his images on paper, then takes them to the land on a scale so large, they only make sense when seen from the air. His canvas is the soil; his paints are the crops he plants, mows and even burns to create stunning visual effects; his brushes are the agricultural machines he employs, including a plough to structure any areas he decides to leave bare.

Stan made this 1:3 scale prototype of 'Young Woman of Brazil' in Kansas City, Missouri to prepare for the full-scale earthwork currently being created in a Rio de Janeiro favela.





Naturally, this involves a great deal more planning than you'd need to grow a single crop. Quite apart from the design work, the plants Stan uses not only have to grow in the right places, they also have to be ready at the same time for the overall effect to succeed. So instead of just managing one performer, Stan has to steer several in an intricate choreography that's part farming, part landscape gardening – and always a team effort.

"This is definitely not a one man show!" Stan explains with a grin. "The idea of working together is central to what I do. So depending on the project I'll work with local people who are connected to the land, and agriculture specialists who know what will grow and what won't. On my latest project in China we have around 50 experts involved, including engineers for the three-foot-deep 'bio sweat' trenches and specialists for all the heavy equipment we need. Then on top of the ground team we'll have helicopter pilots and ariel photographers, drone operators, plus my own skeleton crew that I always bring along."

SPACE FOR SERENDIPITY

In his role as a project manager, Stan combines formidable planning skills with a firm belief in the value of serendipity. "I'm fairly open to other people's ideas because in my experience, a degree of flexibility always benefits the project", the artist explains. "In China, for instance, the locals brought in the idea of the traditional earring you see on the Young Woman of China, which adds authenticity and local flavour."



Helpers use pitchforks to remove wheat that has been cut according to the layout Stan staked out with surveying flags.

***"TO MAKE BIG
PROJECTS WORK,
ARTISTS NEED TO
DEVELOP STRONG
COMMUNICATION,
MEDIA AND
FUNDRAISING
SKILLS TOO."***

STAN HERD

Stan Herd takes a well-earned break from spreading gravel on a field at Johnson County Community College in Overland Park, Kansas.



***“MOSTLY WE’LL LAY A TAPE GRID
OVER A FIELD, THEN SCALE UP
MY DRAWING SO 4 INCHES ON
PAPER EQUALS 100 METRES ON
THE LAND.”***

STAN HERD



When it comes to design, Stan prefers the traditional approach. This is the sketch he used for the impressive piece below.

‘Liberty on the Land’ was installed in a standing wheat field near Lawrence, Kansas to coincide with the Fourth of July celebrations on Independence Day.





Some artists prefer to delegate all the hard work to contractors. Not so Stan!



The Amelia Earhart field in Atchison, Kansas is a permanent installation in honour of the famous aviation pioneer and author.

Usually, everything starts with a rough sketch that Stan might literally make on the back of a paper napkin while travelling. Then if an idea 'calls to him' he will go back and explore where it wants to lead, refining the drawing's content and composition gradually until he feels it is ready for the next stage. Once that's done (or sometimes during the process) the next step is to find the right location for the picture and theme Stan has in mind. Again, there are no hard and fast rules: often the location will follow the design, but sometimes it's the other way around, and the land provides the initial spark.

MORE THAN MEETS THE EYE

While Stan's earthworks are spectacular in themselves, they also serve a deeper purpose by communicating specific messages. One recurring theme in Stan's non-commissioned work is the ancient connection between Indigenous people and their native soil. His first earthwork in this vein was a 160-acre portrait of the Kiowa chief Satanta in 1981; eleven years later this was followed by a portrait of a Kickapoo Indian woman called Carole Cadue in Kansas. Looking back, that portrait marked the start of a monumental series that would take Stan to Cuba and Brazil, then on to China – and a whole new dimension in creativity.

In the course of his journey, Stan has grown from a one-man local operation into an approachable concept artist who thinks globally, then works locally as part of a highly skilled team. Now in his sixties, he is full of plans for the future and has no intention of slowing down any time soon. Like John Deere before him, Stan Herd is a fine example of how far a passion for innovation – and a great deal of hard work – can take you. ■

A PASSION FOR QUALITY

In a world where globalisation can sometimes tempt manufacturers to cut corners, it's good to know John Deere lawn care solutions are still built to the same high standards as they always have been.

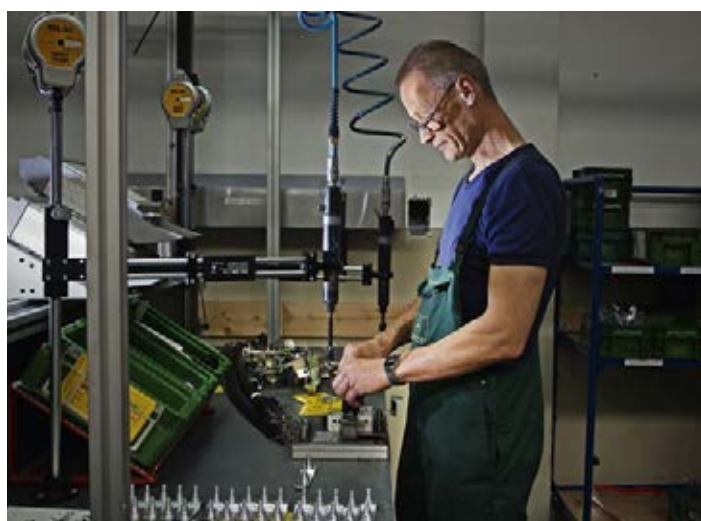
The reason is simple. All over the world, the people who make our machines still use the same clear benchmark as our founder John Deere: if something isn't good enough for them, it's not good enough for our customers. From the biggest combine harvester to the smallest mower, this personal commitment to quality is what makes John Deere special.

Take the factory in Gummersbach (Germany) for example, where we make our walk-behind mowers, robotic mowers and scarifiers. From design and materials to tolerances and finishing, our skilled staff here apply strict quality assurance guidelines to everything they make. Then during assembly, they keep a watchful eye on the fit-and-finish of the parts they use – and report straight back to production if they spot anything untoward.





Exceptional build quality is a tradition at our factory in Gummersbach, Germany. More than 120 people pay attention to every detail of the walk behind mowers, scarifiers and robotic mowers they build.



Despite all the high-tech equipment, experience and dedication are still the best way to make machines that are worthy of the John Deere logo.



In the Prototype Department, a development technician assembles a mowerdeck tool for the next generation of products built in Horicon.



***"I WILL NEVER PUT MY
NAME ON A PRODUCT
THAT DOES NOT HAVE
IN IT THE BEST THAT
IS IN ME."***

JOHN DEERE, FOUNDER

At random intervals, chief tester Johannes Kokott will then pull a machine out of the line and subject it to the worst treatment he can think of. "My job is to take our mowers to the limit ... and beyond", he explains with a smile. "That way, we know they'll give our customers long years of service under normal conditions."

TRIED AND TESTED

Three thousand miles further west, Mr Kokott's colleagues at our Horicon, USA facility share exactly the same approach. Many employees here are long-standing John Deere customers themselves: they build lawn tractors and Gator utility vehicles all week, then work them hard at the weekend in their own gardens. So if they notice any issues or have ideas for improvements, their bosses will definitely hear about it the following Monday!

In combination with top-notch materials, innovative technology and useful features, this personal sense of pride is the reason why people who care about quality choose John Deere lawn care equipment. Because however much technology may have changed over the years, there's still no substitute for traditional, hands-on craftsmanship and attention to detail. ■



The height-adjustable assembly line keep bending or stretching to a minimum. A gruelling 108-point final review makes sure every machine meets our standards – and yours.

WALK-BEHIND MOWERS

With their advanced features and simple controls, our walk-behind mowers are a pleasure to own and use. Try one and see for yourself!



RUN SERIES

JUST MOW IT

Easy mowing – Our RUN Series models are perfect for people who just want a mower they can rely on!



RUN 41

800 m ²	
41 cm working width	
Single-speed: 3.6 km/h	

- ReadyStart with automatic choke
- Deck material: steel



RUN 46

1,200 m ²	
46 cm working width	
Single-speed: 3.6 km/h	

- ReadyStart with automatic choke
- Deck material: steel
- Mulching kit: optional



RUN 51

2,200 m ²	
51 cm working width	
Single-speed: 3.6 km/h	

- ReadyStart with automatic choke
- Deck material: steel
- Mulching kit: optional

OUTSTANDING FEATURES

WALK-BEHIND MOWERS

Designed and built for years of service, our mowers will keep your lawn looking at its best for years to come. They're comfortable and easy to use and provide a professional finish, even in difficult conditions. Best of all, they come with a 15 year warranty on the aluminium mower deck.*





TURBOSTAR SYSTEM

Whatever the weather, the proven TurboStar System ensures a precision cut and great collection every time. Even in damp conditions, the air flow generated by the blade draws the grass up straight before cutting; it also removes leaves from your lawn. After cutting, the air vacuum blows the clippings into the collection bag smoothly and efficiently. The TurboStar Fill indicator** makes life even easier by alerting you in good time when the bag is almost full.

** not fitted on R40 models



CONE CLUTCH

Many models*** have a cone clutch transmission that allows the drive system to engage gradually, not with a jolt. It works by slowly tightening the “grip” of the drive system for a smoother, more comfortable start.

*** Available on the following models: R43S, R43V, R43VE, R47S, R47V, R47VE, R47KB

TEMPERED SPRING STEEL BLADE

The one-piece blade is made of high quality spring steel and manufactured in line with strict production and safety guidelines.

READYSTART®

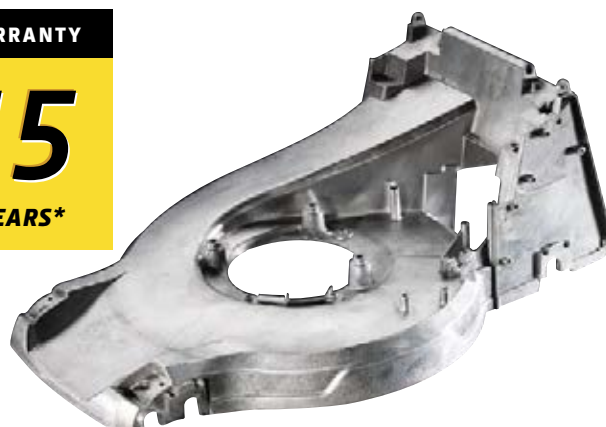
A Briggs & Stratton engine feature

Automatic choke: Most models have an automatic choke for faster starts on chilly mornings.

PEACE OF MIND – GUARANTEED

The mower deck on our 43, 47 and 54 cm mowers is made of die-cast aluminium, so it can't rust. It's surprisingly light – yet so tough and it comes with a 15 year warranty.*

* The 15 year warranty covers private, personal residential use. Terms and conditions apply. See your John Deere dealer for details.



ONE SIZE FITS ALL

The handlebar height adjusts easily, so everyone can find their perfect setting.



ADJUSTABLE CUTTING HEIGHT

With a choice of six to nine settings (depending on your model), it's easy to adjust the cutting height for different seasons and surroundings with a single lever or button.



BAG FILL LEVEL INDICATOR

No spills: a practical indicator tells you when it's time to empty the grass collector.



Easy speed adjustment: You can adjust the speed on all variable drive mowers to suit terrain and mowing conditions. Many models have a convenient twist knob that makes life easier still.

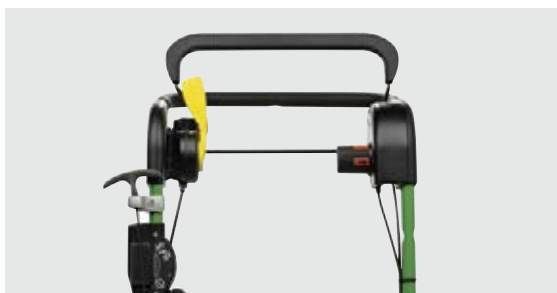


OPTIMUM BAG FILL

Thanks to the TurboStar System the collection bag gets filled up to 100 %.

QUICK FASTENER

No more fumbling! The handlebar folds down in seconds for easier storage or transport – no tools required.



Blade Brake Clutch: The moment you release the grip, the Blade Brake Clutch (BBC) stops the blades but leaves the engine running. This lets you empty the collector and get straight back to mowing, without having to restart each time.



Electric key starter: Forget cords and recoil systems – to start your new John Deere, all you do is turn the key. Recharging is easier too – thanks to Instart technology (R43VE), the battery clips in and out in seconds.

40 – 43 CM WORKING WIDTH

ON ALL 40 – 43 CM MODELS

- TurboStar System
- Deck material: aluminium
(Polypropylene on R40)



R40

Compact mower with a lightweight yet strong plastic mower deck for easy use and transportation.

700 m ²	
--------------------	--

- Mulching kit: optional



R43

The great value model in the 43 cm category with a robust aluminium chassis, central cutting height and handlebar height adjustment.

800 m ²	
--------------------	--

- ReadyStart with automatic choke
- Mulching kit: optional



R43S

No pushing needed thanks to the on-demand drive system. Perfect for moderately sloping gardens.

1,000 m ²	
----------------------	--

Single-speed: 3.6 km/h	
------------------------	--

- ReadyStart with automatic choke
- Cone clutch for smoother take-up
- Mulching kit: optional



R43V

Easy speed adjustment to suit your garden's terrain and the mowing conditions.

1,000 m ²	
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Variable-speed: 2.5 – 4.3 km/h	
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- ReadyStart with automatic choke
- Cone clutch for smoother take-up
- Mulching kit: optional



R43VE

Variable drive system and an electric key start for easy and comfortable mowing. Thanks to the Instart Technology you can easily take the battery out to charge.

1,000 m ²	
Variable-speed: 2.5 – 4.3 km/h	
Electric key start	

- ReadyStart with automatic choke
- Cone clutch for smoother take-up
- Mulching kit: optional



R43RS

Steel rear roller for cutting around garden edges and for a perfect striped finish.

1,000 m ²	
Single-speed: 4.1 km/h	

- ReadyStart with automatic choke



R43RVE

Steel rear roller for a perfect striped finish, with top line features like variable speed and electric key start.

1,000 m ²	
Variable-speed: 3.3 – 5.0 km/h	
Electric key start	

- ReadyStart with automatic choke

STEEL REAR ROLLER

Everyone admires a neatly-striped lawn – and the robust rear roller ensures a perfect finish every time. It also makes mowing along raised garden borders and edges easy.



47 CM WORKING WIDTH

ON ALL 47 CM MODELS

- TurboStar System
- Deck material: aluminium
- Mulching kit: optional



R47*

The entry model in the 47 cm cutting width class. With an aluminium chassis, central cutting height adjustment and an adjustable handlebar.

1,200 m ²	
----------------------	--

- ReadyStart with automatic choke



R47S

No pushing needed. Same as R47, plus on demand rear-wheel drive, which is particularly helpful on slopes.

1,400 m ²	
----------------------	--

Single-speed: 3.6 km/h

- ReadyStart with automatic choke
- Cone clutch for smoother take-up



R47V

Easy to use, with on-demand variable rear-wheel drive that you can conveniently operate from the handlebar.

1,500 m ²	
----------------------	--

Variable-speed: 2.7 – 4.3 km/h

- ReadyStart with automatic choke
- Cone clutch for smoother take-up



R47VE

No more pulling with the Electric Key start. Simply turn the ignition key and start mowing.

1,500 m ²	
----------------------	--

Variable-speed: 2.7 – 4.3 km/h

Electric key start

- ReadyStart with automatic choke
- Cone clutch for smoother take-up



R47KB

Powerful mower with blade brake clutch system that stops the blade when the safety handle is released, but keeps the engine running.

1,500 m ²	
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Variable-speed: 2.7 – 4.3 km/h

Blade Brake Clutch

- Cone clutch for smoother take-up

54 CM WORKING WIDTH

ON ALL 54 CM MODELS

- TurboStar System
- Deck material: aluminium



R54S

Robust mower with the on-demand drive system and central cutting height adjustment.

2,500 m²

Single-speed: 3.6 km/h

- ReadyStart with automatic choke
- Mulching kit: optional



R54V

Easy to use with variable rear-wheel drive and easy speed adjustment to suit your garden's terrain and mowing conditions.

2,500 m²

Variable-speed: 2.7 – 4.8 km/h

- ReadyStart with automatic choke
- Mulching kit: optional



R54VE

Effortless comfort thanks to variable drive system and the electric key starter.

2,500 m²

Variable-speed: 2.7 – 4.8 km/h

Electric key start

- ReadyStart with automatic choke
- Mulching kit: optional



JX90

The ultimate mower with a variable drive system and blade brake clutch system that lets you empty the collection bag without having to restart the engine each time.

2,500 m²

Variable-speed: 2.7 – 4.8 km/h

Blade Brake Clutch

- Mulching kit: optional



R54RVB

Steel Rear roller for a striped finish, with top line features like variable speed and Blade Brake Clutch.

2,500 m²

Variable-speed: 3.3 – 5.0 km/h

Blade Brake Clutch

MULCHING MOWERS

EFFICIENT BY NATURE

Want the same high quality finish in just two-thirds of the time? John Deere mulching mowers are for you. With their specially designed blades and deep dome mower deck, they chop clippings small enough to be returned to the ground, which is an excellent natural fertiliser for your lawn.



ON ALL MULCHING MOWERS

- Deep-dome mulching deck
- Deck material: steel



JS63V

Mulching mower with Briggs & Stratton engine, cutting height adjustment with 7 settings and Vario drive system.

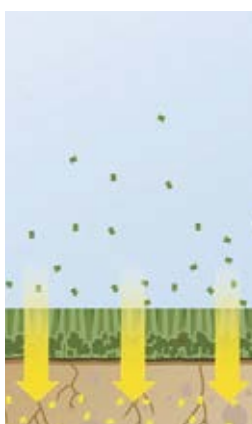
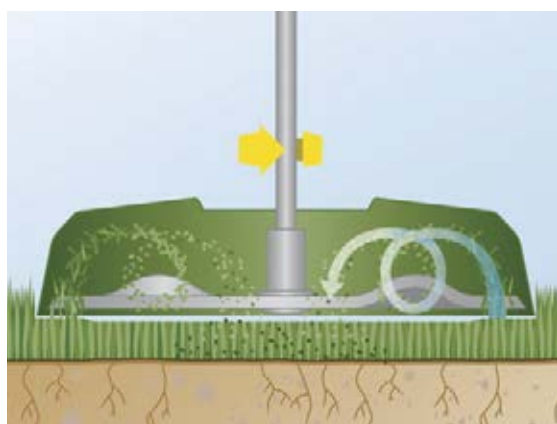
2,000 m ²	
53 cm working width	
Variable-speed: 2.5 – 5.2 km/h	



JS63VC

Mulching mower with excellent manoeuvrability. Navigate trees, shrubs or flowerbeds effortlessly with its 360° swivel front caster wheels.

2,000 m ²	
53 cm working width	
Variable-speed: 2.5 – 5.2 km/h	
Front caster wheels	



WHY USE MULCHING?

Returning grass clippings to the lawn saves on artificial fertiliser – and you'll never have to empty a collector again. Consider one of these two mowers if you'd like a specialist mulcher – or fit an optional mulching kit to one of our other models.

AVAILABLE ON MOST JOHN DEERE MOWERS

Did you know? The optional mulching kit fits almost all John Deere walk behind collection mowers.*

Check the product specifications table on pages 58 – 65 for more information.



* Mulch kit pictured may not be fully representative of actual mulchkit available.

BATTERY WALK BEHIND MOWERS

PREMIUM PERFORMANCE

If you enjoy the simple life, you'll appreciate our battery walk-behind mowers. With their quieter motors and intuitive controls, they help you get a great finish every time with no cords, no fumes and no local emissions.





EASY TO HANDLE

Both models are easy to carry and store and come with sensible sized wheels that go where you want them to.



CLEAN POWER

You don't need garden gloves to refuel a John Deere battery mower. Just open the flap, remove the battery and slot it into the mains charger. Ninety minutes later you're all set to go. With clean power – and clean fingers to match.

PRO NATURE

John Deere battery mowers are easy on the environment. There are no fumes or local emissions and most of the mower materials can be recycled later on.



R40B

280 m ² *	
40 cm working width	
Lithium-Ion 4 Ah 40 V	

– Deck material: Polypropylene



R43B

320 m ² *	
43 cm working width	
Lithium-Ion 4 Ah 40 V	

– Deck material: Aluminium

EASY TO OPERATE

The handlebar adjusts easily for comfortable mowing. To set the height of cut, just move the lever – done! To start or stop your mower, just press the big red button.



* Depending on your mowing preferences, ground conditions, cutting height and grass length an additional battery is recommended.

ELECTRIC MOWERS

EMISSION-FREE CONVENIENCE

If you like things clean and simple, a John Deere electric lawn mower is for you. Easy operation, robust mower deck and TurboStar mowing system ensure a great-looking finish with minimum effort.



R40EL

Powerful mower with a cutting width of 40 cm and an adjustable height handlebar.

600 m ²	
Lightweight: 22 kg	

- TurboStar System
- Engine, electric: 1.3 kW
- Deck material: polypropylene



R43EL

43 cm cutting width, robust aluminium chassis and powerful 1.5 kW engine.

700 m ²	
--------------------	--

- TurboStar System
- Engine, electric: 1.5 kW
- Deck material: aluminium

TAKE A CLOSER LOOK

To see how much John Deere has to offer, visit our website today: JohnDeere.com

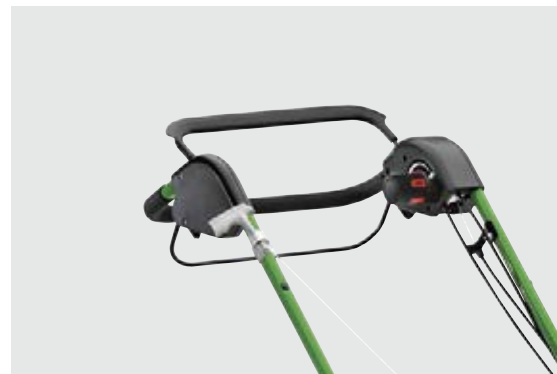
Welcome to the world of John Deere! From huge combine harvesters to handy walk-behinds, our website tells you more about the impressive range of equipment we build for professionals all over the world.

SEE BEFORE YOU GO

We invite you to view and compare our mowers from the comfort of your armchair! Our website makes it easy to find the suitable models for you, check all the specifications and extras – along with video overviews for several models.

USEFUL TIPS

Our dealers have many years of experience and know many of their customers by name. However big or small your garden, they can help you find exactly the right machine for the job you want to do. Rather than just selling you a product, they explain all the features and controls carefully – then set your new mower up so you can use it with confidence the moment you get home. And when it's time for service or repairs, the person who knows you and your mower personally is only a phone call away.



The “play” icon means there is a video for that model on our website.



ROBOTIC MOWER

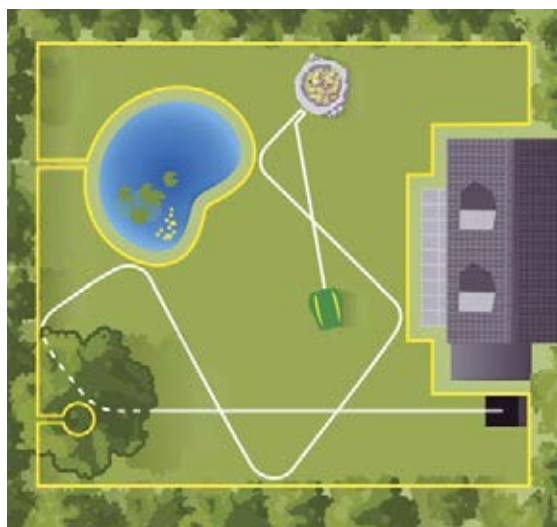
Got better things to do than mow the lawn?
For uncompromising cut quality and reliability,
choose the TANGO robotic mower by John Deere.



TANGO E5 SERIES II

MAKE LIFE EASIER

The TANGO Series II robotic mower is designed to make life easier. The controls and technology are so intuitive, it will be ready to mow in no time. Your time is your own again.



EASY TO ADMIRE

TANGO mows in a random pattern detecting obstacles and the boundary wire automatically. It even adapts to patches of taller grass on the fly. The guide wire is virtually invisible and is easy to move should you change your garden layout.



EASY TO PROGRAMME

The big screen and logical controls make it simple to set the schedule and make changes whenever you wish. The display has a "next step" feature that tells you what TANGO is doing now and what it plans to do next.



MASTERS HILLS

You can program your TANGO for the specific challenges of your garden. Complex layouts with trees and shrubs are no problem and neither are gradients of up to 36 % (in the mowing area)^{***}.

QUIET

TANGO is so quiet, it can even mow at night* without disturbing anyone. All with a minimum of fuss and noise – and no local emissions at all.



ROBUST

Whatever the weather, TANGO never complains. The electronics, battery and blade are protected by a robust, double walled casing that makes them completely weatherproof.





EASY TO OPERATE

The TANGO E5 Series II is smarter than ever. The mower's driving performance takes it in a forward motion until it reaches the boundary wire, at which point it curves and changes course – even on hilly terrain.



Strong: The tempered steel blade cuts swiftly and cleanly staying sharp all summer long. Longer grass is no problem – no need to pre-mow when the season starts or after you've been away. To adjust the cut height (19 to 102 mm), simply rotate the protection shield.



Smart: TANGO knows when it's time to recharge and heads for the docking station automatically. Thanks to the powerful Li-Ion battery, that doesn't happen too often.



Supported: From advice to servicing and spares, your John Deere dealer has everything you need to keep your TANGO running like new. Year after year after year.



Ask your dealer for the "TANGO E5 Series II" brochure today – or download it from JohnDeere.com



TANGO E5 SERIES II**

2,200 m ²	
Cutting height: 19 – 102 mm	
Li-Ion battery	
Automatic charging	
Up to 36 % hill climb capability***	

– Weighted emission sound power dB(A) per END 50636-2-107: 62.2

* Some countries only permit mowing at certain times. Please use TANGO accordingly.

** Not available in all markets; please consult your local dealer.

*** Depends on ground conditions and garden layout. Please consult your dealer for a demonstration and suitability test.

SCARIFIERS

REVITALISE YOUR LAWN

Let it breathe: It takes care and attention to create and maintain a perfect, healthy lawn. This includes regular scarification – the process of physically removing thatch and moss so nutrients can find their way into the soil. Our scarifiers are the effortless way to breathe fresh life into your lawn, making it thicker and healthier.





D31RE

Electric Scarifier with lightweight chassis, 31 cm working width and 13 sharp blades with 3 teeth each, for effectively removing thatch and dead grass.

500 m ²	
Electric engine: 1.4 kW	
Lightweight: 17.5 kg	

- Deck material: ABS
- Stepless adjuster for working depth
- Collection bag: optional



D35RE

Electric Scarifier with powerful 1.6 kW engine, 35 cm working width and 15 sharp blades with 3 teeth each.

700 m ²	
Electric engine: 1.6 kW	
Lightweight: 18.5 kg	

- Deck material: ABS
- Stepless adjuster for working depth
- Collection bag: optional



D38R

Petrol Scarifier with aluminium chassis. Blade system: 15 robust steel blades with ball bearings for smooth operation.

1500 m ²	
Petrol OHV engine, nominal power: 2.3 kW / 3,400 rpm	

- Deck material: aluminium
- Stepless adjuster for working depth
- Collection bag: optional

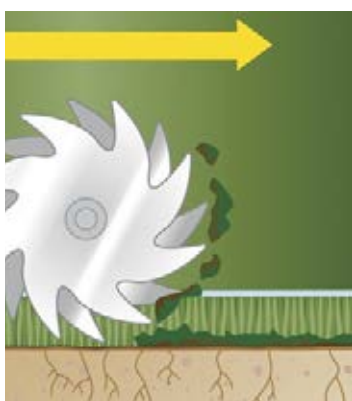
WATCH YOUR GARDEN GROW

The best times to remove thatch are late spring and early autumn. Your lawn should be at least three years old, and the soil should be thoroughly dry. For the best results, mow the grass to an average height of around 4 cm before you begin.



WHAT IS LAWN THATCH?

In summer, grass and plant clippings often accumulate between blades of grass. After a while, the surface becomes matted and the soil is blocked off. This means water, air and nutrients can no longer reach the grass roots. As a result, grass growth slows down and the lawn looks unhealthy. Our scarifiers are the effortless way to breathe fresh life into your lawn, making it thicker and healthier.



LAWN TRACTORS

Big or small, our lawn tractors combine strength and reliability with garden-friendly simplicity, comfort and control.



X100 SERIES

With six models and a wide range of features and options to choose from, the X100 Series has something for everyone. Designed for lawns of 3,000 to 6,000 m², these robust lawn tractors are engineered for years of trouble-free service and combine superb cut quality with outstanding ease of use.



EASY CONTROLS

With these new Side-by-Side Pedals, you can control direction and speed without raising a foot (not for X106).

To adjust the height of cut, simply move the lever.



X100 SERIES



SIDE DISCHARGE EDGE DECKS

These robust, versatile mower decks are standard on the X106, X126 and X166 and have a wash port for easy cleaning after use.



X106

4,000 m ²	
Forward speed: 8.9 km/h	

MOWER DECK

42 Edge (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 10.65 kW (14.3 hp)* at 3,150 RPM
- Deck engagement: mechanical
- Seat: standard
- Mulching kit: optional
- Collection system: optional
- Bumper: optional



X126

5,000 m ²	
Forward speed: 8.9 km/h	

MOWER DECK

42 Edge (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 10.65 kW (14.3 hp)* at 3,150 RPM
- Deck engagement: mechanical
- Seat: standard high
- Simple mulch cover: standard
- Mulching kit: optional
- Collection system: optional
- Bumper: optional



X166

6,000 m ²	
Forward speed: 8.9 km/h	
Cruise control	

MOWER DECK

48 Edge (122 cm / 48 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 13.41 kW (18.0 hp)* at 3,350 RPM
- Auto choke
- Easy change 30 second oil change system
- Deck engagement: electric
- Seat: standard high
- Simple mulch cover: standard
- Collection system: optional
- Bumper: standard

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

Discover our wide range
of attachments
Pages 52 – 57



HIGH CAPACITY COLLECTOR

A capacity of 300 litres means fewer stops and faster work. Standard on the X116R, X146R and X166R.



X116R

3,000 m ²	
Forward speed: 8.9 km/h	
Rear collection	

MOWER DECK

36 Rear discharge (92 cm / 36 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 7.59 kW (10.2 hp)* at 3,350 RPM
- Deck engagement: mechanical
- Collection capacity: 300 ltr
- Seat: standard
- Mulching kit: optional
- Bumper: optional



X146R

4,000 m ²	
Forward speed: 8.9 km/h	
Rear collection	

MOWER DECK

36 Rear discharge (92 cm / 36 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.5 kW (16.8 hp)* at 3,150 RPM
- Auto choke
- Collection capacity: 300 ltr
- Seat: standard high
- Mulching kit: optional
- Bumper: optional



X166R

6,000 m ²	
Forward speed: 8.9 km/h	
Rear collection	

MOWER DECK

42 Rear discharge (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.95 kW (17.4 hp)* at 3,150 RPM
- Auto choke
- Easy change 30 second oil change system
- Deck engagement: electric
- Collection capacity: 300 ltr
- Seat: standard high
- Mulching kit: optional
- Bumper: standard

OUTSTANDING FEATURES

X300 & X500 SERIES

Access all areas: Designed for large lawns, these lawn tractors have all the power and comfort you need to get things done. The X300 Series models have impressive features and are easy to operate. For ultimate performance and power choose the X500 Series. Low centre of gravity, long wheelbase and differential lock make these machines the perfect all-round performers.





EASY, COMFORTABLE OPERATION

The Twin Touch Hydrostatic Pedals allow you to easily control the direction and speed of travel of the tractor without having to lift your foot off the platform.



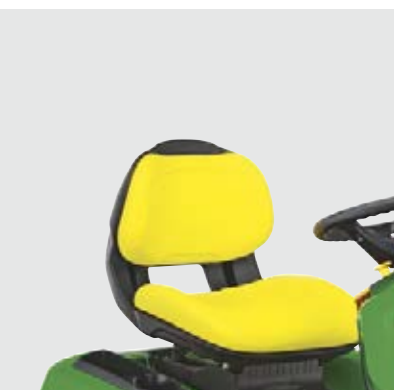
Built-in peace of mind: Your customer warranty covers unlimited hours for the first 2 years. Have your machine serviced annually by an authorized John Deere Dealer and your cover is extended to 4 years or 300 hours (X300) or 500 hours (X500), which ever comes first.

* For private residential use only. Commercial use of X300 & X500 the warranty is 12 months with unlimited hours.



SMOOTH-RUNNING V-TWIN ENGINE

The V-twin engine has electronic fuel injection (EFI) and a constant-speed governor for quick starts and superior mowing performance (X590 only).



Ultra-comfortable seats: Experience the ultimate in driving pleasure. Whatever the terrain, the Deluxe seat (X300 Series) and the Deluxe High seat (X500 Series) turns mowing into an enjoyable, comfortable pastime.



Easy emptying: The rear collector is easily emptied from the operator seat (X350R).

CRUISE CONTROL

This popular feature is just as useful on lawn tractors as it is on cars! To switch it on or off, simply press the button.

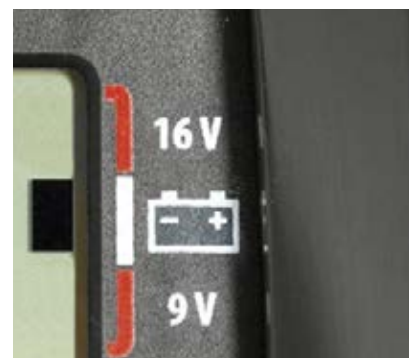


MODERN INSTRUMENT CLUSTER

The clear, car-style display is backlit for excellent visibility in all conditions. The overall design provides important feedback without distracting operators. Car-like control: Power steering and hydraulic deck for effortless operation (X370, X584, X590).



Electronic fuel gauge: The clear, automotive-style gauge on the dash tells you at a glance how much fuel you have left. It's clearly visible in any conditions (not on X350R model which has low level indicator).



Voltage level indicator: Low, normal, high. See at a glance how well your charging system is keeping pace with the electrical load.

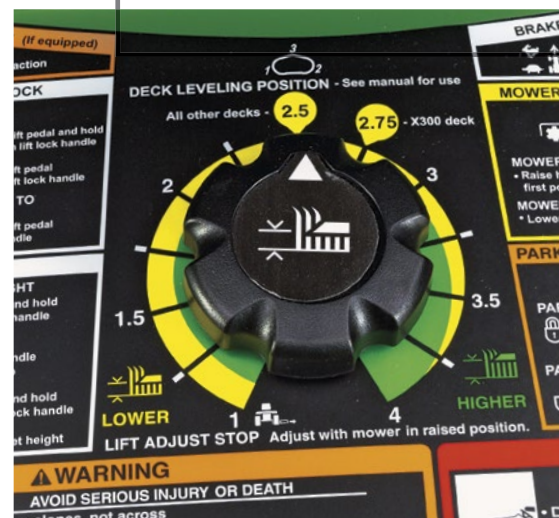


4-WHEEL STEERING

Standard on the X354 and X584 for outstanding manoeuvrability and easy trimming around obstacles.

ADJUSTING CUTTING HEIGHT

Use the convenient dial to adjust the cutting height in 6 mm steps – all from the comfort of your seat.



Optimum “Best Cut” target zone:

The display shows you the optimum engine speed for outstanding cut quality. Always stay in the ultimate cut zone.



The Accel Deep mower decks deliver new levels of cut quality, productivity, cleanliness, durability and versatility: 11.4 cm (4.5 in) deep throughout the entire deck shell for optimum mowing, mulching and bagging performance. The stamped steel design eliminates sharp edges and corners where material can build up and diminish mowing performance.

X300 SERIES



ON ALL X300 SERIES MODELS

- Deck engagement: electric
- Twin Touch foot pedals
- Cruise control
- Deluxe seat



X350

8,000 m²

Forward speed: 8.2 km/h

MOWER DECK OPTIONS

42 Edge mulch (107 cm / 42 in)

42 Accel Deep (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.2 kW (16.4 hp)* at 3,100 rpm
- Mulch Control: optional
- Collection system: optional (42 Accel Deep)



X350R

8,000 m²

Forward speed: 8.5 km/h

Rear collection

MOWER DECK

42 Rear Discharge (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.2 kW (16.4 hp)* at 3,100 rpm
- Mulch Plug: standard



X354

8,000 m²

Forward speed: 8.2 km/h

4-wheel steering

MOWER DECK

42 Edge mulch (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.2 kW (16.4 hp)* at 3,100 rpm



X370

8,000 m²

Forward speed: 8.6 km/h

Hydraulic, 2-wheel power steering

MOWER DECK OPTIONS

42 Edge mulch (107 cm / 42 in)

42 Accel Deep (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.2 kW (16.4 hp)* at 3,100 rpm
- Deck lift system: hydraulic
- Mulch Control: optional
- Collection system: optional (42 Accel Deep)



X380

8,000 m²

Forward speed: 10.0 km/h

MOWER DECK OPTIONS

42 Edge mulch (107 cm / 42 in)

48 Accel Deep (122 cm / 48 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 13.8 kW (18.5 hp)* at 3,350 rpm
- Mulch Control: optional (48 Accel Deep)
- Collection system: optional

Discover our wide range of attachments

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X500 SERIES

ON ALL X500 SERIES MODELS

- Deck engagement: electric
- Cruise control
- Deluxe high seat
- Power Steering
- Twin Touch foot pedals



X584

8,000+ m²

Forward speed: 11.6 km/h

Hydraulic, 4-wheel power steering

MOWER DECK OPTIONS

48 Accel Deep (122 cm / 48 in)

54 Accel Deep (137 cm / 54 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 16.1 kW (21.6 hp)* at 3,350 rpm
- Deck lift system: hydraulic
- Mulch Control: optional
- Collection System: optional



X590

8,000+ m²

Forward speed: 11.6 km/h

Hydraulic, 2-wheel power steering

MOWER DECK OPTIONS

48 Accel Deep (122 cm / 48 in)

54 Accel Deep (137 cm / 54 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 16.7 kW (22.4 hp)* at 3,250 rpm
- Deck lift system: hydraulic
- Mulch Control: optional
- Collection System: optional

MULCHING JUST GOT EVEN EASIER

Meet MulchControl – the perfect option for great mulching performance and versatility. This easy to use system lets you switch from side discharge to mulching (and back again) simply by flipping a lever. MulchControl works together with our special mulching blades and is available as an option on all X300 and X500 Series ride on tractors (excluding X350R and X354).

To use the Power Flow rear bagger with the MulchControl attachment and mulching blades installed, just set the lever to the “side discharge” position.



ZTRAK ZERO-TURN MOWERS

QUICKER ALL ROUND

With their outstanding agility and speeds of up to 14.5 kph, our ZTrak zero turn mowers help you get a great finish faster. There are two series with six models in total to choose from, including one that's just right for your garden.





TURN ON THE SPOT

The intuitive motion control levers make precision trimming easy.



AGILE

When it comes to manoeuvrability the ZTrak runs rings round other mowers – even ours! Combine that with exceptional trimming performance and it's easy to see why so many professionals turn to ZTrak.



POWER PACKED

The M and R models have a bigger engine that makes light work of tougher jobs.



TAKE CONTROL

The modern dash layout tells you everything you need to know at a glance.

Z300 & Z500 SERIES

**ON ALL ZTRAK
ZERO-TURN MOWERS**

- 25 – 102 mm cutting height, increments 6 mm
- Deck engagement: electric
- Collection system: optional



FOOT DECK LIFT

To raise, lower or change the mower deck height while you're working, simply press the foot bar (Standard on R's).



Z335E

8,000 m ²
Forward speed: 10.8 km/h
Seat back height: 38 cm
Speed and direction: Twin levers

MOWER DECK

42 Accel Deep (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 12.3 kW (16.5 hp)* at 3,050 rpm
- Mulching: optional (Mulch Control)



Z345M

8,000 m ²
Forward speed: 10.8 km/h
Seat back height: 45.7 cm
Armrests
Speed and direction: Twin levers

MOWER DECK

42 Accel Deep (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 14.9 kW (20.0 hp)* at 3,050 rpm
- Mulching: optional (Mulch Control)



Z345R

8,000+ m ²
Forward speed: 10.8 km/h
Seat back height: 45.7 cm
Armrests
Speed and direction: Twin premium

MOWER DECK

42 Accel Deep (107 cm / 42 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 14.9 kW (20.0 hp)* at 3,050 rpm
- Foot deck lift
- Mulching: optional (Mulch Control)

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



STEP UP TO R-SERIES PERFORMANCE

R series models have a convenient foot deck lift that allows you to change the height of cut as you mow. The more you work, the more you will appreciate the comfort control levers and the premium high back seat.

Discover our wide range of attachments
Pages 52 – 57



COLLECTION CAPACITY

Easily convert your ZTrak mower into a collection machine by adding an optional collection system.



Z525E

8,000+ m ²
Forward speed: 13.7 km/h
Seat back height: 38 cm
Armrests
Speed and direction: Twin levers

MOWER DECK

48 Accel Deep (122 cm / 48 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 13.4 kW (18.0 hp)* at 3,350 rpm
- Mulching: optional (Mulch Control)

Z535M

8,000+ m ²
Forward speed: 13.7 km/h
Seat back height: 45.7 cm
Armrests
Speed and direction: Twin levers

MOWER DECK

48 Accel Deep (122 cm / 48 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 16.7 kW (22.4 hp)* at 3,350 rpm
- Mulching: optional (Mulch Control)

Z540R

8,000+ m ²
Forward speed: 14.5 km/h
Seat back height: 50.8 cm
Armrests
Speed and direction: Twin premium

MOWER DECK

48 High Capacity (122 cm / 48 in)

- CE-Nominal Power (tested in accordance to SAE J1349): 16.1 kW (21.6 hp)* at 3,350 rpm
- Foot deck lift
- Mulching: optional

X900 SERIES

DIESEL MOWING TRACTORS

For the ultimate in professional performance, consider our legendary X900 diesel mowing tractors. They come in 2-Wheel Drive, 4-Wheel Drive or 4-Wheel Steer versions – plus a X950R rear discharge, rear collect model for uncompromising power and capacity.



EASY TO USE HYDRAULICS

Ergonomic levers hydraulically raise and lower the mower deck and attachments. A “float” position enables front-mounted equipment to follow ground contours. The intuitive controls enable easy operation.



MULCH CONTROL

The Mulch Control feature boosts productivity by reducing collection volumes (and emptying cycles) significantly when bagging. It also increases flexibility: if conditions are too poor to mulch properly, operators can convert to side discharge in just 30 seconds.

ON ALL X940 SERIES MODELS

- Engine, Nominal Power: 18 kW (24.5 hp) at 3,400 rpm, PS
- Twin Touch Foot Pedals
- Cruise Control
- Deck Lift System: Hydraulic
- Deck Engagement: Electric
- Road Homologation Kit: optional

COMMERCIAL MOWER DECK OPTIONS

48" Side Discharge (122 cm / 48 in)
54" Side Discharge (137 cm / 54 in)
60" Side Discharge (152 cm / 60 in)

- Cutting Height 25 – 133 mm, increments 6 mm



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



X950R

8,000 m ²
Forward speed: 14.5 km/h
Cruise Control
Hydraulic, 2 front wheel power steer
Rear Collection
Comfort Seat

- Engine, Nominal Power: 18.5 kW (25.2 hp)* at 3200 rpm, PS
- Twin Touch Foot Pedals
- Deck Lift System: Hydraulic
- Deck Engagement: Electric



X940

8,000+ m ²
Forward speed: 13.7 km/h
Hydraulic, 2 front wheel power steer
2-Wheel Drive

- Collection System: optional



X948

8,000+ m ²
Forward speed: 13.7 km/h
Hydraulic, 2 front wheel power steer
4-Wheel Drive

- Collection System: optional



X949

8,000+ m ²
Forward speed: 13.7 km/h
Hydraulic, 4 wheel power steer
4-Wheel Drive

- Collection System: optional

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

ATTACHMENTS





MOWING

In the end, it's all about the cut. Our precision-engineered mower decks make sure your lawn always has a clean, even cut and a manicured appearance. As for the clippings, the choice is yours: mulch, collect or side discharge.

1+2 Optional MulchControl

Switch from side discharge to mulching (or vice-versa) just by flipping a lever.

For X940 Series MulchControl also can be operated using an hydraulic lever from the seat (optional)

See page 45 for details.

WEIGHTS

3 Wheel and Suitcase

X100, X300, X500, X900 Series

Front weighting is recommended for rear grass collectors on slopes and may also be required with heavy rear-mounted equipment. Rear weights are recommended for additional traction, especially when using snow blades, brooms and snow blowers.

4 Rear deflector

X116R, X146R, X166R, X350R, X950R

Deflects clippings in an even pattern behind the tractor. Easily installed in place of a hopper; no tools required.

SPREADER

5 Tow-behind spreader, 80 kg

X100, X300, X500, X900 Series

This poly hopper has a capacity of 100 litres or 80 kg. Features include Autoflow, which stops material from spreading when the tractor stops and Directional Flow Control, which adjusts the spread pattern away from paths, driveways and flowerbeds. The hopper has a long steel handle for quick, easy opening/closing and stainless steel hardware to prevent internal rust and corrosion. The enclosed gearbox is maintenance free and the tubeless pneumatic tyres keep rolling resistance low.



COLLECTION

Our grass collectors are the ideal way to efficiently collect grass clippings and leaves. The hopper design ensures great collection performance and cleaner operation, making it easy to empty the bags.

The Power Flow System has a hinged blower for easy installation. The blower fan rotates clockwise (seen from the right) to move material up to the chute efficiently. The lightweight polyethylene blower fan and housing keep the material flowing smoothly, together with the large diameter chute. When the bags are almost full, the fill indicator helps prevent chute blocking, alerting you in good time.

1 230 Ltr collection system

100 Series	42 Edge Deck and 48 Edge Deck
Z335E, Z345M, Z345R	42 Accel Deep Deck optional in combination with Mulchcontrol
Z525E, Z535M	48 Accel Deep Deck, Power Flow Collection System
Z540R	48 High Capacity Deck, Power Flow Collection System

2 500 Ltr power flow collection system

X584, X590	48 Accel Deep Deck 54 Accel Deep Deck
X940 Series	48 Accel Deep Deck 54 HC 60 HC

250 Ltr collection system

X350, X354, X370	42 Accel Deep Deck
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3 250 Ltr power flow collection system

X380	48 Accel Deep Deck
X584, X590	48 Accel Deep Deck 54 Accel Deep Deck



SNOW REMOVAL

4 + 5 Front blade

X100, X300, X500 Series	49 in (125 cm) Front blade
X100, X300 Series	44 in (112 cm) Front blade
X500 Series	48 in (122 cm) Front blade
X900 Series	54 in (137 cm) Front blade 60 in (152 cm) Front blade

These front blades are excellent for moving snow or other loose material forward, to the right or left. The curved blade surface is designed to roll material, not push it; this requires less power and increases blade capacity.

6 Tyre chains (pair)

X100, X300, X500, X900 Series

Recommended for use with front blade or snowblowers.

7 Broom with debris catcher

X100, X300, X500 Series Working width: 47 in (120 cm)

Easy to adjust, thanks to the top-mounted height adjustment wheel and manual adjustment of angle to the left or right. The dual bristle broom includes an easy-on/easy-off debris catcher. For X900 Series a shaft driven 54" broom is available to fit to the quick hitch

8 Snow blower

X300 Series	44 in (112 cm)
X500 Series	47 in (120 cm)
X900 Series	47 in (120 cm) two stage blower

Snow blowers offer a high quality product with full height housings which are stamped from heavy gauge steel, which, together with their heavy duty, two-stage design, provide superior performance and long life. A quick-hitch mounting system helps take the effort out of installation and removal of the snow blowers. The snow blower fits and locks onto the front hitch with attached snap pins.



TRANSPORT

Available with a steel or poly bed, these tow carts are ideal for hauling lawn debris, sand, dirt, mulch or plants. They are designed for easy dump release and tilt at a steep angle for complete emptying of material. The steel cart has a bracketless tailgate, so there are no side channels to obstruct materials when emptying. The recessed bolt heads never get in the way during shovelling. The heavy duty poly bed is rust and dent resistant and extremely durable. It is available in two sizes.

1 Utility cart, poly

X100, X300, X500, X900 Series	7P	160 ltr
X100, X300, X500, X900 Series	10P	240 ltr

2 Utility cart, steel

X100, X300, X500 X900 Series	Cart 13	280 ltr
X500, X900 Series	Cart 18	420 ltr

3 Home maintenance kit

X100, X300, X500 Series

The easiest way to order all the maintenance parts specified in the operator's manual. Kit includes engine oil filter, engine oil, fuel filter, fuel filter element and air filter element foam, as well as spark plug(s) for petrol engines.

4 40 in (1 m) width thatcherator

X100, X300, X500 Series

Can be used to scarify or dethatch with 20 spring tines installed. You can add up to 45 kg weight.

Transport mode to allow easy crossing of paved areas.



PROTECTION / REAR RECEIVER / HITCH KIT

5 Front bumper

X100 Series	Double Bar
X300 Series	Single Bar

Give your tractor a sharper, more assertive look while protecting its front from damage.

6 Rear bumper

Z335E, Z345M, Z345R rear bumper come with rear hitch in a kit, Z525E, Z535M, Z540R

Bolts to the tubular frame to protect the rear of your ZTrak mower.

7 Quick-tatch weight 19 kg

X100, X300, X500 Series

These cast iron weights let you counter-balance a heavy attachment and/or provide greater traction and stability. Weight bracket required in some applications.

8 Rear hitch

Z335E, Z345M, Z345R rear bumper come with rear hitch in a kit, Z525E, Z535M, Z540R

Bolts solidly to the tubular frame. The rear bagger bracket is included with the rear hitch.

9 Foot rest extensions

Z535E, Z535E, Z540R

Makes mowing more comfortable. Includes bolts on left and right hand footrests.

SPECIFICATIONS



	RUN 41	RUN 46	RUN 51	R40	R43	R43S
PETROL WALK BEHIND MOWERS						
RECOMMENDED MOWING AREA, m²	up to 800	up to 1,200	up to 2,200	up to 700	up to 800	up to 1,000
WORKING WIDTH, cm	41	46	51	40	43	43
COLLECTION	Standard	Standard	Standard	Standard	Standard	Standard
CAPACITY, ltr	52	52	52	44	55	65
TURBOSTAR SYSTEM	No	No	No	Yes	Yes	Yes
MULCHING	No	Optional	Optional	Optional	Optional	Optional
ENGINE						
Type	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol	Petrol with Ready Start	Petrol with Ready Start
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Nominal power, kW	2.3	2.3	2.6	2.1	2.6	2.6
RPM	2,900	2,900	2,800	2,800	2,800	2,800
Displacement, cm ³	150	150	163	140	163	163
DRIVE						
System	Single-Speed	Single-Speed	Single-Speed	Push	Push	Single-Speed
Max. Speed, km/h	3.6	3.6	3.6	Push	Push	3.6
DECK HEIGHT ADJUSTMENT						
Cutting Height, mm	34 – 72	32 – 72	35 – 75	24 – 75	22 – 80	15 – 80
Adjustment	Central	Central	Central	Central	Central	Central
Positions	5	5	6	6	7	9
START/STOP TYPE	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
HANDLEBAR						
Adjustable	Yes	Yes	Yes	Yes	Yes	Yes
Foldable	Yes	Yes	Yes	Yes	Yes	Quick Release
Hand Arm Vibration at the handle a_{HW} [m/s ²] measured in accordance with EN ISO5395 Measurement Uncertainty in accordance with EN 12096	4.7 / –	3.1 / –	5.9 / –	2.7 / 1.4	5.4 / 2.7	5.4 / 2.7
DECK	Steel	Steel	Steel	Polypropylene	Aluminium	Aluminium
WHEELS						
Diameter Front/Rear, mm	170 / 210	170 / 210	170 / 210	150 / 180	180 / 180	180 / 200
Bearings	Ball	Ball	Ball	Ball	Ball	Ball
WEIGHT, kg	28	29.5	31	24	30	34
GUARANTEED SOUND POWER L_{WA} [dB(A)] / measured in accordance with 2000/14/EC	95	96	97	96	96	96
EMISSIONS-SOUND PRESSURE LEVEL AT OPERATORS STATION L_{PA} [dB(A)] / measured in accordance with EN ISO5395 / Measurement Uncertainty in accordance with ISO 4871	82 / 0.3	83 / 0.6	84 / 0.7	84 / 3	83 / 3	84 / 3

* Available in selected markets only.

	R43V	R43VE	R43RS	R43RVE	R47*	R47S	R47V	R47VE	R47KB
	up to 1,000	up to 1,000	up to 1,000	up to 1,000	up to 1,200	up to 1,400	up to 1,500	up to 1,500	up to 1,500
	43	43	43	43	47	47	47	47	47
	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	65	65	65	65	65	65	65	65	65
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Optional	Optional	No	No	Optional	Optional	Optional	Optional	Optional
	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol OHV
	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Yamaha
	2.6	2.6	2.4	2.4	2.6	2.6	2.8	2.8	3.2
	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800
	163	163	190	190	163	163	175	175	179
	Variable-Speed	Variable-Speed	Single-Speed	Variable-Speed	Push	Single-Speed	Variable-Speed	Variable-Speed	Variable-Speed
	2.5 – 4.3	2.5 – 4.3	4.1	3.3 – 5.0	Push	3.6	2.7 – 4.3	2.7 – 4.3	2.7 – 4.3
	15 – 80	15 – 80	15 – 70	15 – 70	15 – 80	15 – 80	15 – 80	15 – 80	15 – 80
	Central	Central	Central	Central	Central	Central	Central	Central	Central
	9	9	9	9	9	9	9	9	9
	Recoil	Key	Recoil	Key	Recoil	Recoil	Recoil	Key	Recoil BBC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Quick Release	Quick Release	Yes	Yes	Yes	Quick Release	Quick Release	Quick Release	Quick Release
	5.4 / 2.7	5.4 / 2.7	4.0 / 2.0	4.0 / 2.0	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5
	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
	180 / 200	180 / 200	180 / 100	180 / 100	180 / 200	180 / 200	180 / 200	180 / 200	180 / 200
	Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball
	36	38	35	40	34	35	37	39	44
	96	96	96	96	96	96	96	96	96
	84 / 3	84 / 3	84 / 3	84 / 3	85 / 3	85 / 3	85 / 3	85 / 3	85 / 3



	R54S	R54V	R54VE	JX90	R54RVB
PETROL WALK BEHIND MOWERS					
RECOMMENDED MOWING AREA, m²	up to 2,500	up to 2,500	up to 2,500	up to 2,500	up to 2,500
WORKING WIDTH, cm	54	54	54	54	54
COLLECTION	Standard	Standard	Standard	Standard	Standard
CAPACITY, ltr	75	75	75	75	75
TURBOSTAR SYSTEM	Yes	Yes	Yes	Yes	Yes
MULCHING	Optional	Optional	Optional	Optional	No
ENGINE					
Type	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol OHV	Petrol OHV
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Yamaha	Subaru
Nominal power, kW	2.8	2.8	2.8	3.2	3.2
RPM	2,800	2,800	2,800	2,800	2,800
Displacement, cm³	175	175	175	179	179
DRIVE					
System	Single-Speed	Variable-Speed	Variable-Speed	Variable-Speed	Variable-Speed
Max. Speed, km/h	3.6	2.7 – 4.8	2.7 – 4.8	2.7 – 4.8	3.3 – 5.0
DECK HEIGHT ADJUSTMENT					
Cutting Height, mm	17 – 100	17 – 100	17 – 100	17 – 100	15 – 80
Adjustment	Central	Central	Central	Central	Front 2 / Rear 1
Positions	7	7	7	7	Front 7 / Rear 11
START/STOP TYPE	Recoil	Recoil	Key	Recoil BBC	Recoil BBC
HANDLEBAR					
Adjustable	Yes	Yes	Yes	Yes	Yes
Foldable	Quick Release	Quick Release	Quick Release	Quick Release	Quick Release
Hand Arm Vibration at the handle a_{HW} [m/s²] measured in accordance with EN ISO5395 / Measurement Uncertainty in accordance with EN 12096	4.4 / 2.2	4.4 / 2.2	4.4 / 2.2	5.0 / 2.5	3.6 / 1.8
Hand Arm Vibration at the handle a_{HW} [m/s²] measured in accordance with EN 60335-2-77 / Measurement Uncertainty in accordance with EN ISO 4871	–	–	–	–	–
DECK MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
WHEELS					
Diameter Front/Rear, mm	210 / 210	210 / 210	210 / 210	210 / 210	180 / 100
Bearings	Ball/Needle	Ball/Needle	Ball/Needle	Ball/Needle	Ball
WEIGHT, kg	45	46	49	55	55
GUARANTEED SOUND POWER L_{WA} [dB(A)] / measured in accordance with 2000/14/EC	98	98	98	98	98
EMISSIONS-SOUND PRESSURE LEVEL AT OPERATORS STATION L_{PA} [dB(A)] / measured in accordance with EN ISO5395 / Measurement Uncertainty in accordance with ISO 4871	84 / 3	84 / 3	84 / 3	84 / 3	84 / 3

* Depending on your mowing preferences, ground conditions, cutting height and grass length an additional battery is recommended.



	JS63V	JS63VC	R40B	R43B	R40EL	R43EL	D31RE	D35RE	D38R
	MULCHING MOWERS		BATTERY WALK BEHIND MOWERS		ELECTRIC MOWERS		SCARIFIERS		
	up to 2,000	up to 2,000	up to 280*	up to 320*	up to 600	up to 700	up to 500	up to 700	up to 1,500
	53	53	40	43	40	43	31	35	38
	–	–	Standard	Standard	Standard	Standard	Optional	Optional	Optional
	–	–	44	55	44	55	55	55	55
	No	No	No	No	Yes	Yes	No	No	No
	Standard	Standard	No	No	No	No	No	No	No
	Petrol OHV	Petrol OHV	Lithium-Ion 4Ah 40V	Lithium-Ion 4Ah 40V	Electric	Electric	Electric	Electric	Petrol OHV
	Briggs & Stratton	Briggs & Stratton	kA	kA	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
	3.2	3.2	0.7	0.7	1.3	1.5	1.4	1.6	2.3
	2,800	2,800	2,800	2,800	–	–	–	–	3,400
	190	190	–	–	–	–	–	–	127
	Variable-Speed	Variable-Speed	Push	Push	Push	Push	Push	Push	Push
	2.5 – 5.2	2.5 – 5.2	Push	Push	Push	Push	Push	Push	Push
	20 – 97	20 – 97	24 – 75	22 – 80	24 – 75	22 – 80	–	–	–
	Front 1 / Rear 1	Front 2 / Rear 1	Central	Central	Central	Central	Central	Central	Central
	7	7	6	7	6	7	–	–	Stepless
	Recoil	Recoil	Button	Button	Button	Button	Button	Button	Recoil
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	3.6 / 1.8	3.6 / 1.8	1.0 / 0.5	1.5 / 1.3	1.0 / 0.5	2.5 / 1.3	–	–	–
	–	–	–	–	–	–	1.5 / 0.8	1.5 / 0.8	4.7 / 2.4
	Steel	Steel	Polypropylene	Aluminium	Polypropylene	Aluminium	ABS	ABS	Aluminium
	210 / 210	210 / 210	150 / 180	180 / 180	150 / 180	180 / 180	180 / 180	180 / 180	180 / 180
	Ball/Needle	Ball/Needle	Ball	Ball	Ball	Ball	Friction	Friction	Ball
	40	43	19.5	24.5	22	26	17.5	18.5	36
	98	98	89	94	96	96	87	87	97
	81 / 3	81 / 3	78 / 3	82 / 3	83 / 3	82 / 3	78 / 3	78 / 3	83 / 3



	X106	X126	X166	X116R	X146R
	X100 SERIES				
RECOMMENDED MOWING AREA, m²	up to 4,000	up to 5,000	up to 6,000	up to 3,000	up to 4,000
ENGINE					
Type	Petrol	Petrol	Petrol	Petrol	Petrol
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
CE-Nominal Power (tested in accordance to SAE J1349) in kW (hp)*	10.65 (14.3) at 3,150 rpm	10.65 (14.3) at 3,150 rpm	13.41 (18.0) at 3,350 rpm	7.59 (10.2) at 3,350 rpm	12.5 (16.8) at 3,150 rpm
Displacement, cm³	500	500	656	340	656
Cylinder	Single	Single, OHV	V-twin, OHV	Single	V-twin, OHV
iTorque Power System	No	No	No	No	No
Fuel Capacity, ltr	9	9.1	9.1	8	7.5
TRANSMISSION					
Type	CVT	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Drive system	2-Wheel Drive	2-Wheel Drive	2-Wheel Drive	2-Wheel Drive	2-Wheel Drive
Cruise Control	No	No	Yes	No	No
Forward/Reverse, km/h	8.9 / 4.8	8.9 / 4.8	8.9 / 4.8	8.9 / 3.2	8.9 / 3.2
STEERING					
Type	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer
Turning Radius, cm	45.7	45.7	45.7	50.8	50.8
Uncut Circle Radius, cm	63.5	63.5	50.8	67.5	67.5
MOWER DECK OPTIONS					
36 Rear Discharge (92 cm / 36 in)				■	■
42 Edge Mulch (107 cm / 42 in)					
42 Edge (107 cm / 42 in)	■	■			
42 Accel Deep (107 cm / 42 in)					
42 Rear Discharge (107 cm / 42 in)					
48 Edge (122 cm / 48 in)			■		
48 Accel Deep (122 cm / 48 in)					
Mulching	Optional	Simple Mulch Cover Standard Mulch Kit Optional	Simple Mulch Cover Standard Mulch Kit Optional	Optional	Optional
Cutting Height, mm	25 – 100	25 – 101	25 – 101	25 – 90	25 – 89
Mower Deck Lift System	Manual	Manual	Manual	Manual	Manual
Mower Deck Engagement	Mechanical	Mechanical	Electric	Mechanical	Electric
COLLECTOR					
Standard/Optional	Optional	Optional	Optional	Standard	Standard
Capacity, ltr	230	230	230	300	300
SEAT TYPE	Standard	Standard High	Standard High	Standard	Standard High
TYRES					
Size of Front	15 × 6 – 6	15 × 6 – 6	16 × 6.5 – 8	15 × 6 – 6	15 × 6 – 6
Size of Rear	20 × 8 – 8	20 × 8 – 8	22 × 9.5 – 12	18 × 18.5 – 8	18 × 8.5 – 8
DIMENSIONS					
Height (inc. Seat), mm	1,030	1,040	1,170	1,080	1,080
Length, Overall, mm	1,880	1,880	1,994	2,460	2,475
Width, mm	1,320	1,320	1,450	960	960
Wheelbase, mm	1,227	1,227	1,227	1,227	1,227
Weight, approx., kg	187	210	241	225	233
HAND/ARM VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	2.9 / 0.5 / 3,450	< 2.5 / – / 3,250	< 2.5 / – / 3,450	1.8 / 1.8 / 3,450	2.6 / 0.5 / 3,250
WHOLE BODY VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²]	0.9 / 0.1	1.0 / 0.1	1.2 / 0.1	1.0 / 0.1	0.9 / 0.1
GUARANTEED SOUND POWER LEVEL PER 2000/14/EC (ANNEX VI, PROCEDURE 2) [dB(A)]	100	100	105	100	100
AVERAGE SOUND LEVEL AT WORK STATION ACCORDING TO ISO 5395-1 W MOWER DECK [dB(A)] / Measurement uncertainty [dB(A)] / engine speed [1/min]	87.5 / 1 / 3,450	86.0 / 1 / 3,250	89.6 / 1 / 3,450	87.8 / 1 / 3,450	86.1 / 1 / 3,250

■ Standard □ Optional

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



X166R	X350	X350R	X354	X370	X380
X300 SERIES					
up to 6,000	up to 8,000	up to 8,000	up to 8,000	up to 8,000	up to 8,000
Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
Briggs & Stratton	Kawasaki	Kawasaki	Kawasaki	Kawasaki	Kawasaki
12.95 (17.4) at 3,150 rpm	12.2 (16.4) at 3,100 rpm	12.2 (16.4) at 3,100 rpm	12.2 (16.4) at 3,100 rpm	12.2 (16.4) at 3,100 rpm	13.8 (18.5) at 3,350 rpm
656	603	603	603	603	726
V-twin, OHV	V-twin, OHV	V-twin, OHV	V-twin, OHV	V-twin, OHV	V-twin, OHV
No	Yes	Yes	Yes	Yes	Yes
7.5	13.2	7.6	13.2	13.2	13.2
Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive
No	Yes	Yes	Yes	Yes	Yes
8.9 / 3.2	8.2 / 5.9	8.5 / 6.4	8.2 / 5.9	8.6 / 4.9	10.0 / 5.6
2-Wheel Steer	2-Wheel Steer	2-Wheel Steer	4-Wheel Steer	Hydraulic Power 2-Wheel Steer	2-Wheel Steer
55.2	40.6	48.2	38.1	55.9	40.6
70	68.6 (42 Edge Mulch)	73.7	40.6 (42 Edge Mulch)	80.3 (42 Accel Deep)	53.3 (48 Accel Deep)
	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>	
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Optional	Optional	Standard (mulch plug only)	Standard	Optional	<input type="checkbox"/> Optional
25 – 101	25 – 102	25 – 102	25 – 102	25 – 102	25 – 102
Manual	Foot Pedal	Foot Pedal	Foot Pedal	Hydraulic	Foot Pedal
Electric	Electric	Electric	Electric	Electric	Electric
Standard	Optional only with 42 Accel Deep Deck	Standard	Optional only with 42 Accel Deep Deck	Optional only with 42 Accel Deep Deck	Optional
300	250	300	250	250	250
Standard High	Deluxe	Deluxe	Deluxe	Deluxe	Deluxe
15 × 6 – 6	15 × 6 – 6	15 × 6 – 6	15 × 6 – 6	15 × 6 – 6	15 × 6.5 – 8
18 × 8.5 – 8	20 × 10 – 8	20 × 10 – 8	20 × 10 – 10	20 × 10 – 8	22 × 11 – 10
1,140	1,200	1,200	1,200	1,200	1,200
2,527	1,830	2,520	1,830	1,830	1,830
1,110	1,118 (42 Edge Mulch)	1,118	1,118 (42 Edge Mulch)	1,118 (42 Accel Deep)	1,560
1,227	1,260	1,260	1,260	1,260	1,260
230	261 (42 Edge Mulch)	314	286 (42 Edge Mulch)	275 (42 Accel Deep)	313 (48 Accel Deep)
2.9 / 0.5 / 3,250	4.2 (No Deck), 5.0 (42M), 3.8 (42A), 3.5 (42A and cut and throw) / 0.5 / 3,100	2.8 (No Deck), 3.5 (42RD) / 0.5 / 3,100	4.2 (No Deck), 5.0 (42M), 3.8 (42A), 3.5 (42A and cut and throw) / 0.5 / 3,100	4.2 (No Deck), 5.0 (42M), 3.8 (42A), 3.5 (42A and cut and throw) / 0.5 / 3,100	< 2.5 (No Deck, 48A, 48A w power flow, 54A, 54A with power flow) / 0.5 / 3,350
1.2 / 0.1	1.1 (No Deck), 1.1 (42M), 0.8 (42A), 0.7 (42A and cut and throw) / 0.1	0.8 (No Deck), 0.7 (42RD) / 0.1	1.1 (No Deck), 1.1 (42M), 0.8 (42A), 0.7 (42A and cut and throw) / 0.1	1.1 (No Deck), 1.1 (42M), 0.8 (42A), 0.7 (42A and cut and throw) / 0.1	0.9 (No Deck), 0.7 (48A, 48A w power flow, 54A, 54A with power flow) / 0.1
100	100	100	100	100	105
88.2 / 1 / 3,250	82.2 (No Deck), 83.2 (42M), 87.3 (42A), 87.0 (42A and cut and throw) / 1 / 3,350	81.9 (No Deck), 86.6 (42RD) / 1 / 3,100	82.2 (No Deck), 83.2 (42M), 87.3 (42A), 87.0 (42A and cut and throw) / 1 / 3,350	82.2 (No Deck), 83.2 (42M), 87.3 (42A), 87.0 (42A and cut and throw) / 1 / 3,350	83.0 (No Deck), 89.7 (48A, 48A w power flow), 90.7 (54A), 91.8 (54A with power flow) / 1 / 3,350



	X584	X590	Z335E	Z345M	Z345R	Z525E
	X500 SERIES		ZTRAK ZERO-TURN MOWERS			
RECOMMENDED MOWING AREA, m²	over 8,000	over 8,000	up to 8,000	up to 8,000	over 8,000	over 8,000
ENGINE						
Type	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
Manufacturer	Kawasaki	Kawasaki	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
CE-Nominal Power (tested in accordance to SAE J1349) in kW (hp)*	16.1 (21.6) at 3,350 rpm	16.7 (22.4) at 3,250 rpm	12.3 (16.5) at 3,050 rpm	14.9 (20.0) at 3,050 rpm	14.9 (20.0) at 3,050 rpm	13.4 (18.0) at 3,350 rpm
Displacement, cm³	726	726	656	724	724	656
Cylinder	V-Twin	V-Twin	V-Twin	V-Twin	V-Twin	V-Twin
iTorque Power System	Yes	Yes	No	No	No	No
Fuel Capacity, ltr	16.7	16.7	7.9	7.9	7.9	17
TRANSMISSION						
Type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Drive System	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Stick Speed & Direction Control Levers, 2-Wheel Drive	Twin Stick Speed & Direction Control Levers, 2-Wheel Drive	Twin Stick Speed & Direction Control premium Levers, 2-Wheel Drive	Twin Stick Speed & Direction Control Levers, 2-Wheel Drive
Cruise Control	Yes	Yes	No	No	No	No
Forward / Reverse, km/h	11.6 / 8.4	11.6 / 8.4	10.8 / 5.4	10.8 / 5.4	10.8 / 5.4	13.7 / 6.4
STEERING						
Type	Hydraulic Power 4-Wheel Steer	2-Wheel Steer	Zero-Turn	Zero-Turn	Zero-Turn	Zero-Turn
Turning Radius, cm	48.3	55.9	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius
Uncut Circle Radius, cm	35.6 (48 Accel Deep)	68.6 (48 Accel Deep)	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius
MOWER DECK OPTIONS						
42 Accel Deep (107 cm / 42 in)			■	■	■	
48 Accel Deep (122 cm / 48 in)	□	□				■
48 High Capacity (122 cm / 48 in)						
54 Accel Deep (137 cm / 54 in)	□	□				
Mulching	Optional	Optional	Optional (Mulch Control)	Optional (Mulch Control)	Optional (Mulch Control)	Optional (Mulch Control)
Cutting Height, mm	25 – 102	25 – 102	25 – 102, increments 6 mm (0.25 in)	25 – 102, increments 6 mm (0.25 in)	25 – 102, increments 6 mm (0.25 in)	25 – 102, increments 6 mm (0.25 in)
Mower Deck Lift System	Hydraulic	Hydraulic	Manual – hand lever	Manual – hand lever	Manual – hand lever and foot lift	Manual – hand lever
Mower Deck Engagement	Electric	Electric	Electric	Electric	Electric	Electric
COLLECTOR						
Standard / Optional	Optional	Optional	Optional	Optional	Optional	Optional
Capacity, ltr	250 or 500	250 or 500	230	230	230	230
SEAT TYPE						
Deluxe High	Deluxe High	Deluxe High	Standard Back	Standard Back + Armrests	Medium Back + Armrests	Standard Back + Armrests
Seat back height			38 cm	45.7 cm	45.7 cm	38 cm
Armrest	No	No	No	Yes	Yes	Yes
TYRES						
Front Casters	16 × 6.5 – 8	16 × 6.5 – 8	11 × 4 – 4	11 × 4 – 5	11 × 4 – 5	13 × 5 – 6
Rear tires	24 × 9.5 – 12	24 × 12 – 12	18 × 8.5 – 8	18 × 8.5 – 8	18 × 8.5 – 8	22 × 9.5 – 10
DIMENSIONS						
Height (inc. Seat), mm	1,400	1,400	922	1,019	1,019	1,001
Length, Overall, mm	1,910	2,010	1,835	1,835	1,835	1,948
Width, mm – incl. Mower Deck	1,560 (48 Accel Deep)	1,560 (48 Accel Deep)	1,319	1,319	1,319	1,590
Wheelbase, mm	1,300	1,300	1,210	1,210	1,210	1,237
Weight, approx., kg	396	381	231	237	239	286
HAND/ARM VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	< 2.5 (No Deck, 48A, 48A w power flow, 54A, 54A w power flow) / 0.5 / 3,350	< 2.5 (No Deck, 48A, 48A w power flow, 54A, 54A w power flow) / 0.5 / 3,350	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3050	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3050	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3050	< 2.5 (no deck, 48A Mower Deck w power flow), < 3.0 (48A Mower Deck) / 0.5 / 3350
WHOLE BODY VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	0.9 (No Deck), 0.7 (48A, 48A w power flow, 54A, 54A w power flow) / 0.1	0.9 (No Deck), 0.7 (48A, 48A w power flow, 54A), 0.6 (54A w power flow) / 0.1	0.8 (No Deck), 0.7 (42A Mower Deck), 0.8 (42A Mower Deck w power flow) / 0.1 / 3050	1.0 (No Deck), 0.8 (42A Mower Deck), 0.9 (42A Mower Deck w power flow) / 0.1 / 3050	1.0 (No Deck), 0.8 (42A Mower Deck), 0.9 (42A Mower Deck w power flow) / 0.1 / 3050	0.6 (No Deck), 0.7 (48A Mower Deck), 0.7 (48A Mower Deck w power flow) / 0.1 / 3350
GUARANTEED SOUND POWER LEVEL PER 2000/14/EC (ANNEX VI, PROCEDURE 2) [dB(A)]	105	105	100	100	100	105
AVERAGE SOUND LEVEL AT WORK STATION ACCORDING TO ISO 5395-1 W MOWER DECK [dB(A)] / Measurement uncertainty [m/s²] / engine speed [1/min]	83.0 (No Deck), 89.7 (48A, 48A w power flow), 90.7 (54A), 91.8 (54A w power flow) / 1 / 3,350	83.9 (No Deck), 90.9 (48A), 90.6 (48A w power flow), 91.2 (54A), 91.8 (54A w power flow) / 1 / 3,350	86.6 (No Deck), 89.2 (W 42A Mower Deck), 92.8 (W 42A Mower Deck and power flow) / 1 / 3050 RPM	89.9 (No Deck), 90.7 (W 42A Mower Deck), 93.9 (W 42A Mower Deck), 92.8 (W 42A Mower Deck and power flow) / 1 / 3050 RPM	89.9 (No Deck), 90.7 (W 42A Mower Deck), 93.9 (W 42A Mower Deck), 92.8 (W 42A Mower Deck and power flow) / 1 / 3050 RPM	86.9 (No Deck), 91.6 (W 48A Mower Deck), 92.1 (W 42A Mower Deck), 92.8 (W 48A Mower Deck and power flow) / 1 / 3350 RPM

■ Standard □ Optional

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



Z535M	Z540R
over 8,000	over 8,000
Petrol	Petrol
Briggs & Stratton 16.7 (22.4) at 3,350 rpm	Kawasaki 16.1 (21.6) at 3,350 rpm
724	726
V-Twin	V-Twin
No	No
17	17
Hydrostatic Twin Stick Speed & Direction Control Levers, 2-Wheel Drive	Hydrostatic Twin Stick Speed & Direction Control premium Levers, 2-Wheel Drive
No	No
13.7 / 6.4	14.5 / 7.2
Zero-Turn	Zero-Turn
Zero-Turn Radius	Zero-Turn Radius
Zero-Turn Radius	Zero-Turn Radius
Optional (Mulch Control)	Optional
25 – 102, increments 6 mm (0.25 in)	25 – 102, increments 6 mm (0.25 in)
Manual – hand lever	Manual – hand lever and foot lift
Electric	Electric
Optional 230	Optional 230
Medium Back + Armrests	High Back + Armrests
45.7 cm	50.8
Yes	Yes
13 × 5 – 6	13 × 6.5 – 6
22 × 9.5 – 10	23 × 10.5 – 12
1,067	1,171
1,948	1,948
1,590	1,585
1,237	1,237
291	336
< 2.5 (no deck, 48A Mower Deck w power flow), < 2.8 (48A Mower Deck) / 0.5 / 3350	< 2.3 (No Deck), < 3.0 (48HC Mower Deck), < 3.2 (48HC Mower Deck w power flow) / 0.5 / 3350
1.1 (No Deck), 0.9 (48A Mower Deck), 0.9 (48A Mower Deck w power flow) / 0.1 / 3350	0.7 (No Deck), 0.6 (48A Mower Deck), 0.6 (48A Mower Deck w power flow) / 0.1 / 3350
105	105
89.0 (No Deck), 91.8 (W 48A Mower Deck), 93.3 (W 42A Mower Deck), 92.8 (W 48A Mower Deck and power flow) / 1 / 3350 RPM	87.3 (No Deck), 94.5 (W 48HC Mower Deck), 93.8 (W 48HC Mower Deck), 92.8 (W 42A Mower Deck and power flow) / 1 / 3350 RPM



	X940	X948	X949	X950R
	X900 SERIES			
ENGINE				
Type	Diesel	Diesel	Diesel	Diesel
Manufacturer	Yanmar	Yanmar	Yanmar	Yanmar
CE-Nominal Power (tested in accordance to SAE J1349) in kW (hp)*	18 (24.5) at 3,400 rpm	18 (24.5) at 3,400 rpm	18 (24.5) at 3,400 rpm	18.5 (25.2) at 3,200 rpm
Cylinders	3	3	3	3
Displacement, cm³	903	903	903	1116
Fuel Tank Capacity, ltr	19.7	19.7	19.7	20.4
TRANSMISSION				
Type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Drive System	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 4-Wheel Drive	Twin Touch Foot Pedals, 4-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive
Max. Speed km/h (mph) Forward	13.7 (8.5)	13.7 (8.5)	13.7 (8.5)	14.5 (9)
Max. Speed km/h (mph) Reverse	9.7 (6)	9.7 (6)	9.7 (6)	9.7 (6)
Cruise Control	Standard	Standard	Standard	Standard
Differential Lock	Standard	Standard	Standard	Standard, Hydraulic Traction Assist
Brakes	Internal Wet Disc	Internal Wet Disc	Internal Wet Disc	Internal Wet Disc
HYDRAULICS				
Selective Control Valves (SCVs)	2 Dual SCVs	2 Dual SCVs	2 Dual SCVs	Single Lever 2 Function SCV
Hydraulic Flow, l/min	21.6	21.6	21.6	20.9
POWER STEERING				
Type	2 Front Wheel Steer	2 Front Wheel Steer	4 Wheel Steer	2 Front Wheel Steer
Turning Radius, cm (in)	63.5 (25)	60 (23.6)	53 (21)	183 LH (72), 155 RH (61)
MOWER DECKS				
Type	Stamped Steel	Stamped Steel	Stamped Steel	Stamped Steel, Rolled Edges
PTO Engagement	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electric Drive Clutch
Deck Lift/Lower	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Cutting Height, mm (in)	25 – 133 (1 – 5.25) increments 6 mm / 0.25 in	25 – 133 (1 – 5.25) increments 6 mm / 0.25 in	25 – 133 (1 – 5.25) increments 6 mm / 0.25 in	13 position, 25 – 112 (1 – 4.5)
Cutting Width, cm (in)	122 (48) / 137 (54) / 152 (60)	122 (48) / 137 (54) / 152 (60)	122 (48) / 137 (54) / 152 (60)	122 (48) / 137 (54)
Number of Blades	3	3	3	2
COLLECTOR				
Type	3-bag-bagger	3-bag-bagger	3-bag-bagger	Options: Low Dump or High Dump
Capacity, ltr	500	500	500	Low Dump: 570 High Dump: 650
Maximum Lift Height, mm (in)	–	–	–	High Dump: 2,037 (80.2)
Fill Indicator	–	–	–	Yes
SEAT TYPE	Optional standard or comfort	Optional standard or comfort	Optional standard or comfort	Optional standard or comfort
DIMENSIONS				
Length, mm (in)	1,905 (75)	1,905 (75)	1,905 (75)	Low Dump: 3,382 (133) High Dump: 3,449 (135.8)
Height without cab, mm (in)	ROPs folded: 1,611 (64.4), ROPs up: 1,982 (78)	ROPs folded: 1,611 (64.4), ROPs up: 1,982 (78)	OPs folded: 1,611 (64.4), ROPs up: 1,982 (78)	ROPs folded: 1,706 (67), ROPs up: 2,078 (82)
Height w cab, mm (in)	1,888 (74.3)	1,888 (74.3)	1,888 (74.3)	1,938 (76)
Weight, kg (lb) no fuel or Mower Deck	472 (1042)	513 (1132)	550 (1213)	Low Dump: 822 (1,812) High Dump: 1014 (2,235) – incl. Hopper
Width w/o Deck, mm (in)	1,194 (47)	1,194 (47)	1,219 (48)	1,180 (46)
Ground Clearance, mm (in)	180 (7.1)	180 (7.1)	180 (7.1)	145 (5.7)
Wheelbase, mm (in)	1,385 (54.5)	1,415 (55.7)	1,415 (55.7)	1,470 (58)
Tyres Front	18 × 8.50 – 8	18 × 8.50 – 10	18 × 8.50 – 10	18 × 8.5 – 8
Tyres Rear	26 × 12.00 – 12	26 × 12.00 – 12	26 × 12.00 – 12	26 × 12 – 12
SAFETY	Reverse Implement Option (RIO)	Reverse Implement Option (RIO)	Reverse Implement Option (RIO)	Reverse Implement Option (RIO)

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