

LAWN CARE SOLUTIONS



JOHN DEERE

NOTHING RUNS LIKE A DEERE





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Work. Done Well. 4–5

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



WORK DONE WELL.

»*WORK. DONE WELL.*«

The central joy of being a homeowner is in creating something all your own. It's in sparking a vision and bringing it to life. But you know from experience that nothing great comes without hard work. A beautiful lawn and garden doesn't happen overnight.

That's why you take so much care in what you do. It's your attention to the details that makes all the difference. Your home is a place to be proud of. And you deserve tools that feel the same way.

To do your best, you need top-quality machines – machines that homeowners everywhere have been using for decades to turn their visions into reality. That's John Deere.



WALK-BEHIND MOWERS

VERSATILE & RELIABLE



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



FEATURES

WALK-BEHIND MOWERS

Designed and built for years of service, our mowers will keep your lawn looking its best for years to come. They're comfortable, easy to use, and provide a professional finish, even in difficult conditions.



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





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. Not for RUN Series.

READYSTART®

A Briggs & Stratton engine feature

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





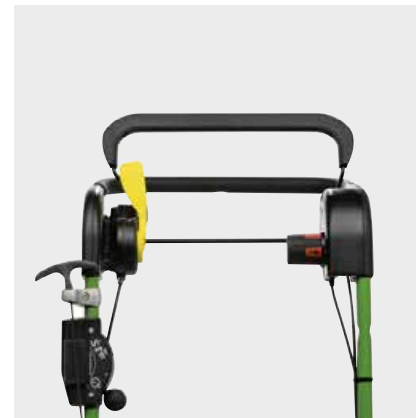
ADJUSTABLE CUTTING HEIGHT MAKES FOR EASY USE IN EVERY SITUATION

With 6–9 settings to choose from (depending on your model), adjusting the cutting height* for different seasons and scenarios is as simple as toggling a single lever or button. The adjustment lever is comfortable during use, and has been designed and positioned to avoid catching on nearby branches.



ELECTRIC KEY STARTER

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

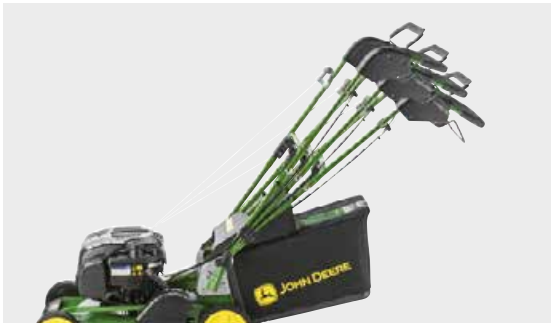


Blade Brake Clutch*: The moment you release the grip, the Blade Brake Clutch (BBC) stops the blades but leaves the engine running. This lets you empty the collector and get straight back to mowing, without having to restart each time.



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 even easier.



ONE SIZE FITS ALL

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

QUICK FASTENER

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



Optimum Bag Fill*: Thanks to the TurboStar System the collection bag gets filled up to 100%.



Bag Fill Level Indicator*: No spills: a practical indicator tells you when it's time to empty the grass collector.

* This feature is not available on RUN Series Walk-Behind Mowers.

RUN SERIES

JUST MOW IT

The John Deere RUN Series models are so easy to handle your garden will look great in no time. For supreme reliability and an excellent cut every time, look no further than the proven quality of John Deere.



DURABLE STAMPED-STEEL MOWING DECK

All RUN Series Mowers are equipped with a smooth, sturdy, stamped-steel mowing deck that's a breeze to clean and provides strong grass flow for a crisp, efficient cut.

READYSTART[®]

The Run Series models use proven, reliable four-stroke ReadyStart petrol engines (a **Briggs & Stratton** engine feature). Even on chilly mornings, they start straight away – thanks to an automatic choke system that works just like the one in your car.





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

PETROL MOWERS

40 – 43 CM WORKING WIDTH

Get the perfect cut every time with John Deere walk-behind petrol mowers. With powerful engines that provide a professional finish, you'll never need to compromise on performance.



ON & OFF WITH EASE

The collection bag can be effortlessly attached to your mower in just a few seconds, saving you time and streamlining your workflow. Detaching it is just as easy.

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 m²

- 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 m²

- 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	
Variable-speed: 2.5 – 4.3 km/h	

- 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

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	
----------------------	--

Variable-speed: 2.7 – 4.3 km/h

Blade Brake Clutch

- Cone clutch for smoother take-up

* Available in selected markets only.

54 CM WORKING WIDTH

ON ALL 54 CM MODELS

- TurboStar System
- Deck material: aluminium



R54S

Robust mower with 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

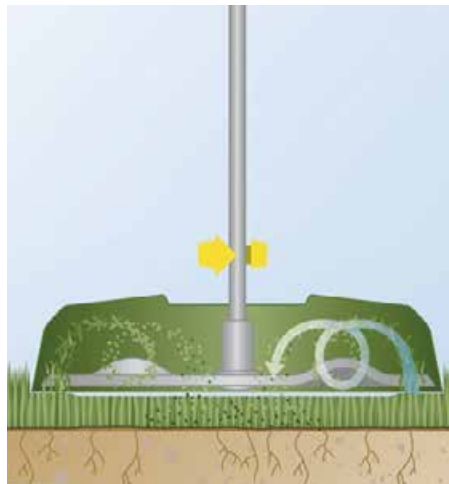
EFFICIENT BY NATURE

Mulching doesn't just mean your days of emptying collectors are over. It also means you'll be fertilising naturally, leading to greener, healthier grass. Make your lawn happy by caring for it the easy, sustainable way: with mulch.



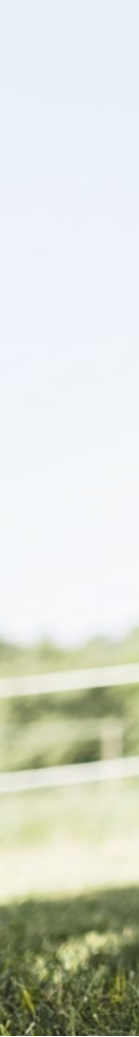
UP CLOSE AND PERSONAL

Our mulching mowers are equipped with a hefty engine, perfect for powering through thick and tall grass. The 360° swivel front caster wheels on the nimble JS63VC make navigating around trees, shrubs, and flowerbeds a breeze.



GET YOUR MOWING DONE FASTER!

John Deere's specially-designed mulching blades return finely-chopped grass clippings to the ground. This nourishes your lawn with healthy nutrients, keeps the roots of the grass cool, and means you'll never need to empty a grass collector again.





NATURAL GOODNESS

The nitrogen-rich clippings are returned to the lawn, which prevents loss of nutrients and moisture and allows you to cut back on artificial fertiliser usage. Organic fertilisers such as grass clippings are a good way to keep your lawn lush and healthy.

GREAT FOR YOUR LAWN

Mulching retains moisture in the soil and slows the growth of weeds, leading to a richer, healthier lawn. It also protects the soil from washout during heavy rain, saving you time and money.

HOW TO START WITH MULCHING

Cut the tall grass on the surface with a hinged collection bag, and then begin mulching the next section. If the lawn has grown too high (eg. after a holiday), repeat the cut with a collection bag and start mulching a few days later.

MULCHING KIT (OPTIONAL)*

The optional mulching kit fits almost all John Deere walk-behind mowers, making it easier than ever to nourish your lawn on the fly.



EFFORTLESS CONVERSION

Converting your mower from collection to mulching is simple: just install the specially-designed mulch blade and replace the collection bag with the mulch plug**. Switching back just means reversing your steps.



* Check the product specifications table on pages 64–67 for more information.

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

MULCHING MOWERS

You work hard to ensure your lawn looks great, so don't settle for anything less than a high-quality finish. With specially-designed blades and a deep-dome mulching deck, John Deere's mulching mowers offer a precise, professional finish without any grass clippings to dispose of.

CLEAN CUT

Both the JS63V and JS63VC mulching mowers are equipped with a robust steel deep-dome mulching deck, which chops grass clippings small enough to be cleanly returned to the ground. A wide range of cutting heights make these mowers well-suited for all mowing conditions, and the JS63VC's front caster wheels add extra manoeuvrability.



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	



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.



DIE-CAST ALUMINIUM DECK

The die-cast aluminium deck on the R43B, R43BV and R47BV comes with a 15-year warranty* for extra peace of mind.

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



Easy To Handle: Both models are easy to carry and store, and come with sensible-sized wheels that go where you want them to.



GO GREEN WITH 1 OR 2 BATTERY SLOTS

The removable batteries on John Deere battery mowers are very quick to fully charge. Choose between the R40B/R43B with one battery slot, or the R43BV/R47BV with a powerhead and two battery slots for extra-long performance.





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.

NATURE FRIENDLY

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.



Smooth Operator: To adjust the height of cut, just move the lever to the setting you want.



SELF-PROPELLED BATTERY MOWER

Using a self-propelled mower means you push less and move more, making mowing faster and less strenuous (R43BV, R47BV).



Ergonomic Handlebar Design: The handlebar can be height adjusted for improved grip comfort and grabbed in multiple ways to reduce upper body fatigue. Adjust the speed and check your battery status from the display, or engage eco mode for additional power savings.



R40B

Nimble model that's easy to carry, quiet and provides a clean finish.

500 m ² *	
40 cm working width	
Lithium-Ion 1 × 4Ah 40V	

– Deck material: Polypropylene



R43B

43 cm cutting width and a die-cast aluminium deck.

600 m ² *	
43 cm working width	
Lithium-Ion 1 × 4Ah 40V	

– Deck material: Aluminium



R43BV

Self-propelled battery mower with a variable-speed engine and 8 deck height positions.

500 m ²	
43 cm working width	
Lithium-Ion 2 × 4Ah 40V	

– Deck material: Aluminium



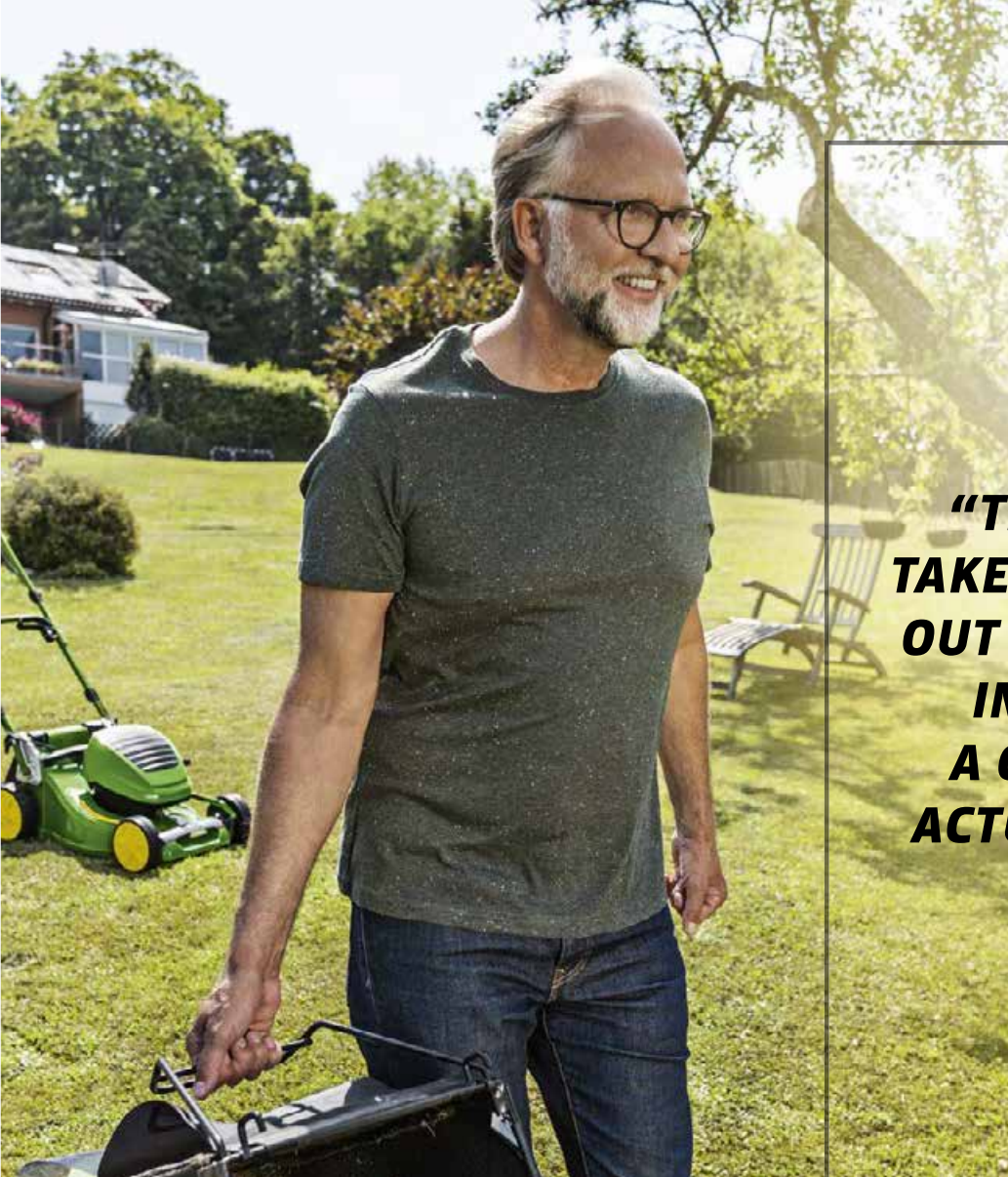
R47BV

Powerful self-propelled mower with a 47 cm cutting width and 2 lithium-ion 6Ah 40V batteries for long-lasting performance.

700 m ²	
47 cm working width	
Lithium-Ion 2 × 6Ah 40V	

– Deck material: Aluminium

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



**“THIS REALLY
TAKES THE EFFORT
OUT OF MOWING.
INSTEAD OF
A CHORE, IT’S
ACTUALLY FUN.”**

**WORK
DONE WELL.**

»WORK. DONE WELL.«

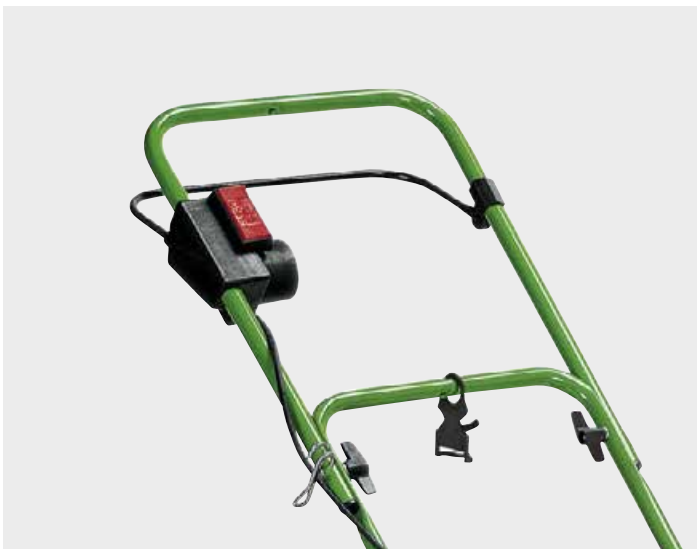


The Webers have always used a hand mower, but their lawn is on a slope and, as Michael says, it seems to get steeper every year! “Our son-in-law is very helpful but you don’t always like to ask ... and now we’ve switched to this battery mower, we don’t have to.” The rechargeable Lithium-Ion battery takes seconds to insert and has ample power for the Weber’s 600 m² lawn. Michael says the self-propelled R47BV was just like their e-bikes: it took five minutes to get used to, “and after that you wouldn’t dream of going back.” ■

ELECTRIC MOWERS

EMISSION-FREE CONVENIENCE

Simplicity is everything when it comes to John Deere electric mowers. With robust mowing decks and our precision TurboStar System, our electric mowers are a clean and convenient way to achieve a great-looking finish without the need to stop and refuel.



INTUITIVE AND ENJOYABLE OPERATION

An intuitive design and color-coded operating elements give operators the ultimate control. The drive-engage lever (if equipped) sits directly beneath the handlebar for easy fingertip control.



LONG-LASTING PERFORMANCE

The smooth mower deck is easy to clean with a brush or scraper, keeping grass accumulation during mowing to a minimum. The lightweight aluminium design prevents rust and keeps your mower looking great for years.



PLUG IN AND GO

With a power cable that's just as tough as the mower itself, you never need to worry about this workhorse. The best part is you'll never run out of fuel – just plug in and get going.



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

ROBOTIC MOWER

MOWS WHILE YOU SLEEP



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



ROBOTIC MOWER TANGO E5 SERIES II

MAKE LIFE EASIER

Take a hands-off approach to mowing with the ultra-quiet TANGO robotic mower by John Deere. Its advanced robotic technology makes on-the-fly adjustments to different grass heights, dodges obstacles, and offers a highly reliable cut to save you valuable time.



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.



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.





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).**

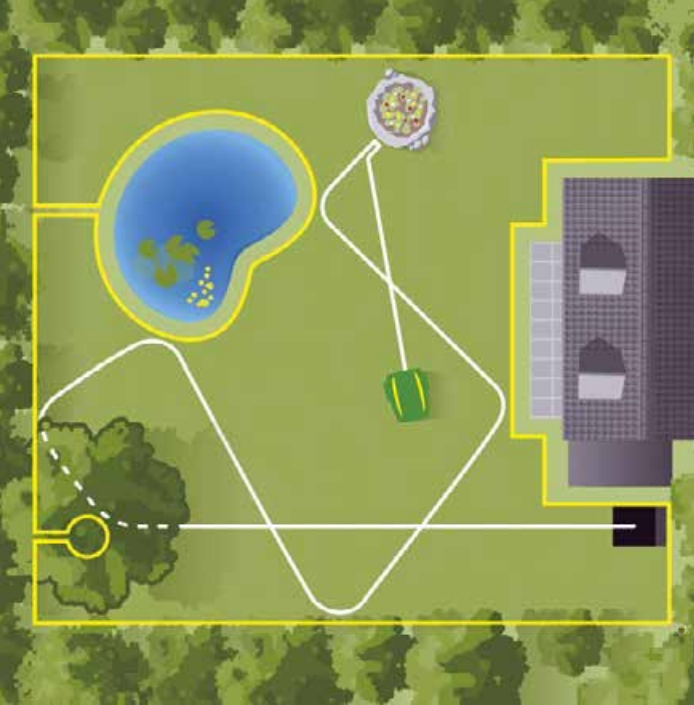


ROBUST

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

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

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



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.



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.



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.



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.



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.



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

* 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

FOR A THICK, HEALTHY LAWN



Healthy lawns need water, air and plenty of nutrients to thrive. Give your lawn all three at once with a durable, dependable John Deere scarifier.



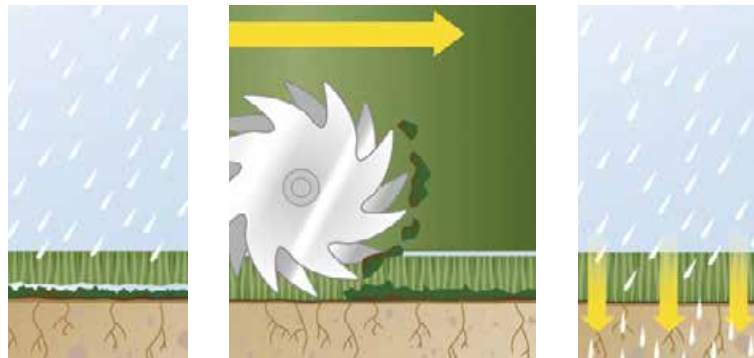
SCARIFIERS

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.

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.



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.





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: 18.5 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: 20 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: 2.3 kW	

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

LAWN TRACTORS

A PROVEN TIME-SAVER



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



X100 SERIES

FLEXIBLE & DEPENDABLE

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.

CONTROLS ARE EASY TO FIND AND CONVENIENT TO USE

The contoured dash is functional and attractive, with controls logically placed and color-coded for easy operation. A spring-assisted, low-effort lift lever simplifies setting and adjusting the mower cut height in 0.25-in (0.64-cm) increments.



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 3 years or 120 hours, whichever comes first.

* For private residential use only. For commercial use of the X100 Series lawn mowers, the warranty is 12 months.



Oil Changes Are More Convenient: The John Deere Easy Change 30-second oil change system makes complete oil changes a thing of the past. The canister holds 40% more oil, the engine runs cooler, and the entire process is easy, quick and clean. Smart design greatly reduces the risk of spillage, while the auto-closing oil filter valve prevents filtered particles from draining back into the engine when it stops.





Intuitive Transmission Control: With these Side-by-Side Pedals, you can control direction and speed without raising a foot (not for the X106). The automotive-type accelerator control ensures easy operation, while the large pedal surface provides superior comfort during use. To adjust the height of cut, simply move the lever.



TWO WAYS TO DISCHARGE

Sturdy, efficient mower decks come standard on the X106, X126 and X166 and have a wash port for quick, painless cleaning. Side discharge recycles grass clippings onto your lawn as a nutrient-rich natural fertiliser, while Rear discharge captures clippings in a 300-litre collector – standard on the X116R, X146R and X166R.



Discover our wide range of attachments

Pages 56 – 63



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): 10.7 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): 10.7 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): 13.4 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



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): 7.6 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): 13.0 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

* 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.



**“IS OUR X126 COOL?
THE NEIGHBOURS
CERTAINLY SEEM TO
THINK SO.”**

**WORK
DONE WELL.**

»WORK. DONE WELL.«

After eight years, Tom Martin still swears by his old John Deere walk-behind. But now that he's moved up to an X126, he's amazed at the difference it makes to his weekends. "I looked at lots of ride tractors," he says, "but once you've had a John Deere mower you really don't want to settle for less." Both Tom's neighbours have already had test drives, he adds with a grin. "They'd probably do my whole lawn if I let them." ■



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.



TWIN TOUCH PEDALS MAKE MOWING SIMPLER

The highly efficient Twin Touch Hydrostatic Pedals allow you to easily control the speed and direction of travel without lifting your foot off the platform. The automotive-type accelerator control is familiar to use, and the large pedal surface provides superior operator comfort.



GIVE YOUR FEET A REST

Cruise control works at the push of a button, just like it does in your car, and comes standard on all X300, X500 and X900 Series lawn tractors.





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.

UP TO

4

YEARS*

PROTECTION

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), whichever comes first.

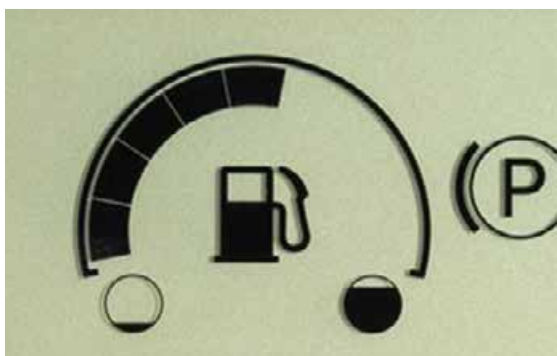
* For private residential use only. For commercial use of X300 & X500 the warranty is 12 months with unlimited hours.





CLEAN & MODERN DISPLAY

The clear, car-style instrument cluster is backlit for excellent visibility in all conditions, providing important feedback without distracting operators. The contoured dash is functional and attractive, with controls logically placed and color-coded for convenient use. Separate engine speed and choke controls make warming up and starting the engine easier in cold weather.



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).



Optimum "Best Cut" Target Zone: The display shows you the optimum engine speed for outstanding cut quality. Always stay in the ultimate cut zone.



ADJUSTING CUTTING HEIGHT

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

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).



The Accel Deep Mower Decks deliver new levels of cut quality, productivity, cleanliness, durability and versatility: 4.5 in (11.4 cm) 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.



4-Wheel Steering: Standard on the X354 and X584 for outstanding manoeuvrability and easy trimming around obstacles.

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

48 Accel Deep (122 cm / 48 in)

54 Accel Deep (137 cm / 54 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

X500 SERIES

Discover our wide range of attachments

Pages 56 – 63

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)

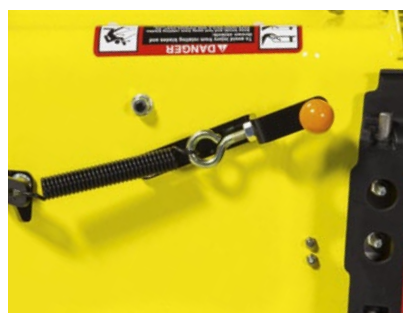
54 Accel Deep (137 cm / 54 in)

- 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.

360°



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.



TURN ON THE SPOT

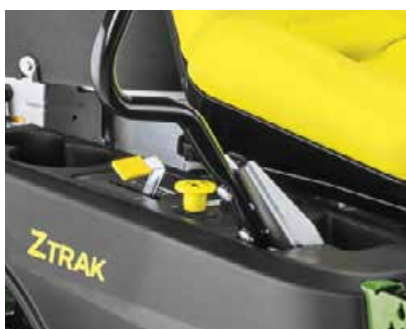
The motion-control levers can be adjusted to two different height settings and eighteen different fore-aft settings, enhancing operator comfort and providing more precise control.

Adjusting your course from the operator seat is quick and easy, with the cut-height pin doubling as a convenient tool for adjusting the motion-control levers.





INSTRUMENTS AND CONTROLS ARE CONVENIENT AND EASY TO USE



Take Control: The operator control panel is conveniently located and easy to use. It includes an hour meter, low fuel warning light, ignition switch, power take-off (PTO) control, and engine speed/choke control.



Park Brake: The park brake is conveniently located and highly effective at holding the machine in a parked position, even on sloped terrain.



Mower Deck Lift/Cut-Height Adjustment: The mower-deck adjustment's built-in memory makes it easy to return to the desired cutting height after raising the deck, leading to excellent cut quality and performance.

Z300 & Z500 SERIES

ON ALL ZTRAK ZERO-TURN MOWERS

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

3 Levels Of Comfort: M models (armrests, higher seat backs) provide additional comfort over E models, while R models (twin premium levers, foot deck lift) are the most comfortable of all.



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



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.



Discover our wide range of attachments
Pages 56 – 63

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.



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).



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 / 4-Wheel Steer versions – plus a X950R rear discharge, rear collect model for uncompromising power and capacity.

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.



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



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

* 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.





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.



X949

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

– Collection System: optional



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 3,200 rpm
 – Twin Touch Foot Pedals
 – Deck Lift System: Hydraulic
 – Deck Engagement: Electric

ON ALL X940 SERIES MODELS

- Engine, Nominal Power: 18 kW (24.5 hp) at 3,400 rpm
- 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

ATTACHMENTS

SOMETHING FOR EVERY JOB



There will always be some projects that require that extra little bit of help. No matter the job you're facing, there's a John Deere attachment to help you do it well.





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

See page 55 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

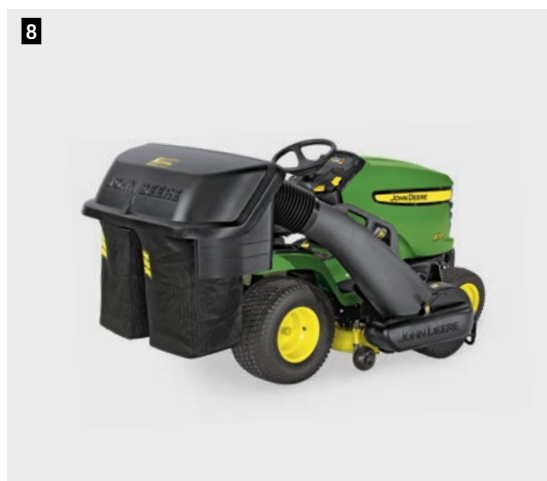
Deflects clippings in an even pattern behind the tractor. Easily installed in place of a hopper; no tools required.

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.

6 230 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

MATERIAL COLLECTION SYSTEM

7 500 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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8 250 ltr Power Flow Collection System

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



SNOW REMOVAL

1+2 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

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, which requires less power and increases blade capacity.

3 Tyre Chains (Pair)

X100, X300, X500, X900 Series

Recommended for use with front blade or snow blowers.



4 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

5 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 Easy Change Oil Filter System

X166, X166R

A very convenient way to make oil changes: easy, clean, and in only 30 seconds.

4 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.

5 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

6 Front Bumper

X100 Series	Double Bar
X300 Series	Single Bar

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

7 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.

8 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.

9 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.

10 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	2.13	2.13	2.52	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 / –	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5
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	34	22	28.5	35
GUARANTEED SOUND POWER L_{WA} [dB(A)] / measured in accordance with 2000/14/EC	95	96	98	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	82 / 3	85 / 3	84 / 3

* Available in selected markets only.



	R43V	R43VE	R47*	R47S	R47V	R47VE	R47KB
	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	47	47	47	47	47
	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	65	65	65	65	65	65	65
	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Optional	Optional	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 OHV
	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Yamaha
	2.6	2.6	2.6	2.6	2.8	2.8	3.2
	2,800	2,800	2,800	2,800	2,800	2,800	2,800
	163	163	163	163	175	175	179
	Variable-Speed	Variable-Speed	Push	Single-Speed	Variable-Speed	Variable-Speed	Variable-Speed
	2.5 – 4.3	2.5 – 4.3	Push	3.6	2.7 – 4.3	2.7 – 4.3	2.7 – 4.3
	15 – 80	15 – 80	15 – 80	15 – 80	15 – 80	15 – 80	15 – 80
	Central	Central	Central	Central	Central	Central	Central
	9	9	9	9	9	9	9
	Recoil	Key	Recoil	Recoil	Recoil	Key	Recoil BBC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Quick Release	Quick Release	Yes	Quick Release	Quick Release	Quick Release	Quick Release
	5.0 / 2.5	5.0 / 2.5	4.6 / 2.3	4.6 / 2.3	5.1 / 2.6	5.1 / 2.6	5.0 / 2.5
	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
	180 / 200	180 / 200	180 / 200	180 / 200	180 / 200	180 / 200	180 / 200
	Ball	Ball	Ball	Ball	Ball	Ball	Ball
	36.5	36.5	34	36	38	42	45.5
	96	96	96	96	96	96	96
	84 / 3	84 / 3	84 / 3	84 / 3	84 / 3	85 / 3	85 / 3

SPECIFICATIONS



	R54S	R54V	R54VE	JX90	R54RVB	JS63V	JS63VC
	PETROL WALK-BEHIND MOWERS					MULCHING 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	up to 2,000	up to 2,000
WORKING WIDTH, cm	54	54	54	54	54	53	53
COLLECTION	Standard	Standard	Standard	Standard	Standard	–	–
CAPACITY, ltr	75	75	75	75	75	–	–
TURBOSTAR SYSTEM	Yes	Yes	Yes	Yes	Yes	No	No
MULCHING	Optional	Optional	Optional	Optional	No	Standard	Standard
ENGINE							
Type	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol OHV	Petrol OHV	Petrol OHV	Petrol OHV
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Yamaha	Yamaha	Briggs & Stratton	Briggs & Stratton
Nominal power, kW	2.8	2.8	2.8	3.2	3.2	3.2	3.2
RPM	2,800	2,800	2,800	2,800	2,800	2,800	2,800
Displacement, cm ³	175	175	175	179	179	190	190
DRIVE							
System	Single-Speed	Variable-Speed	Variable-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	3.3–5.6	2.5–5.2	2.5–5.2
DECK HEIGHT ADJUSTMENT							
Cutting Height, mm	20–95	20–95	20–95	20–95	15–80	20–97	20–97
Adjustment	Central	Central	Central	Central	Front 2 / Rear 1	Front 1 / Rear 1	Front 2 / Rear 1
Positions	8	8	8	8	Front 7 / Rear 11	7	7
START/STOP TYPE	Recoil	Recoil	Key	Recoil BBC	Recoil BBC	Recoil	Recoil
HANDLEBAR							
Adjustable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Foldable	Quick Release	Quick Release	Quick Release	Quick Release	Quick Release	Yes	Yes
Hand Arm Vibration at the handle a_{HW} [m/s ²] measured in accordance with EN ISO5395 / Measurement Uncertainty in accordance with EN 12096	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5	6.0 / 3.0	6.0 / 3.0	3.6 / 1.8	3.6 / 1.8
Hand Arm Vibration at the handle a_{HW} [m/s ²] measured in accordance with EN 60335-2-77 / Measurement Uncertainty in accordance with EN ISO 4871	–	–	–	–	–	–	–
DECK MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Steel	Steel
WHEELS							
Diameter Front/Rear, mm	210 / 210	210 / 210	210 / 210	210 / 210	180 / 100	210 / 210	210 / 210
Bearings	Ball/Needle	Ball/Needle	Ball/Needle	Ball/Needle	Ball	Ball/Needle	Ball/Needle
WEIGHT, kg	47.5	47.5	51	56	58	37.5	40.5
GUARANTEED SOUND POWER L_{WA} [dB(A)] / measured in accordance with 2000/14/EC	98	98	98	98	98	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	86 / 3	86 / 3	86 / 3	86 / 3	87 / 3	80 / 3	80 / 3

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



R40B	R43B	R43BV	R47BV	R40EL	R43EL	D31RE	D35RE	D38R
BATTERY WALK-BEHIND MOWERS				ELECTRIC MOWERS		SCARIFIERS		
up to 500*	up to 600*	up to 500	up to 700	up to 600	up to 700	up to 500	up to 700	up to 1,500
40	43	43	47	40	43	31	35	38
Standard	Standard	Standard	Standard	Standard	Standard	Optional	Optional	Optional
44	55	45	45	44	55	55	55	55
No	No	Yes	Yes	Yes	Yes	No	No	No
No	No	Optional	Optional	No	No	No	No	No
Lithium-Ion 4Ah 40V	Lithium-Ion 4Ah 40V	Lithium-Ion 2 x 4Ah 40V	Lithium-Ion 2 x 6Ah 40V	Electric	Electric	Electric	Electric	Petrol OHV
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Briggs & Stratton
0.7	0.7	0.9	0.9	1.3	1.5	1.4	1.6	2.3
2,800	2,800	2,800	2,800	3,000	3,000	3,000	3,000	3,400
-	-	-	-	-	-	-	-	127
Push	Push	Variable-Speed	Variable-Speed	Push	Push	Push	Push	Push
Push	Push	2.0-4.0	2.0-4.0	Push	Push	Push	Push	Push
24-75	22-80	25-80	25-80	24-75	22-80	-	-	-
Central	Central	Central	Central	Central	Central	Central	Central	Central
6	7	8	8	6	7	-	-	Stepless
Button	Button	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
1.0 / 0.5	0.5 / 0.25	1.0 / 0.5	1.0 / 0.5	1.0 / 0.5	1.0 / 0.5	-	-	-
-	-	-	-	-	-	1.5 / 0.8	1.5 / 0.8	4.7 / 2.4
Polypropylene	Aluminium	Aluminium	Aluminium	Polypropylene	Aluminium	ABS	ABS	Aluminium
150 / 180	180 / 180	180 / 200	180 / 200	150 / 180	180 / 180	180 / 180	180 / 180	180 / 180
Ball	Ball	Ball	Ball	Ball	Ball	Friction	Friction	Ball
19 / 20.5 (without / with battery)	21 / 24 (without / with battery)	31 / 34 (without / with battery)	33 / 36 (without / with battery)	22	27	18.5	20	37
89	93	93	93	96	96	87	87	97
78 / 3	81 / 3	80 / 3	81 / 3	83 / 3	82 / 3	78 / 3	78 / 3	83 / 3

SPECIFICATIONS



	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)*	10.7 (14.3) at 3,150 rpm	10.7 (14.3) at 3,150 rpm	13.4 (18.0) at 3,350 rpm	7.6 (10.2) at 3,350 rpm	12.5 (16.8) at 3,150 rpm
Displacement, cm ³	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)					
54 Accel Deep (137 cm / 54 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
13.0 (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 checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input type="checkbox"/>
					<input type="checkbox"/>
Optional	Optional	Standard (mulch plug only)	Standard	Optional	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 only with 48 Accel Deep Deck, 54 Accel Deep Deck
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 (48 Accel Deep)
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), 86.8 (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

SPECIFICATIONS



	X584	X590
X500 SERIES		
RECOMMENDED MOWING AREA, m²	over 8,000	over 8,000
ENGINE		
Type	Petrol	Petrol
Manufacturer	Kawasaki	Kawasaki
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
Displacement, cm ³	726	726
Cylinder	V-Twin	V-Twin
iTorque Power System	Yes	Yes
Fuel Capacity, ltr	16.7	16.7
TRANSMISSION		
Type	Hydrostatic	Hydrostatic
Drive System	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive
Cruise Control	Yes	Yes
Forward / Reverse, km/h	11.6 / 8.4	11.6 / 8.4
STEERING		
Type	Hydraulic Power 4-Wheel Steer	2-Wheel Steer
Turning Radius, cm	48.3	55.9
Uncut Circle Radius, cm	35.6 (48 Accel Deep)	68.6 (48 Accel Deep)
MOWER DECK OPTIONS		
42 Accel Deep (107 cm / 42 in)		
48 Accel Deep (122 cm / 48 in)	<input type="checkbox"/>	<input type="checkbox"/>
48 High Capacity (122 cm / 48 in)		
54 Accel Deep (137 cm / 54 in)	<input type="checkbox"/>	<input type="checkbox"/>
Mulching	Optional	Optional
Cutting Height, mm	25 – 102	25 – 102
Mower Deck Lift System	Hydraulic	Hydraulic
Mower Deck Engagement	Electric	Electric
COLLECTOR		
Standard / Optional	Optional	Optional
Capacity, ltr	250 or 500	250 or 500
SEAT TYPE		
Seat back height	Deluxe High	Deluxe High
Armrest	No	No
TYRES		
Front Casters	16 × 6.5 – 8	16 × 6.5 – 8
Rear tires	24 × 9.5 – 12	24 × 12 – 12
DIMENSIONS		
Height (inc. Seat), mm	1,400	1,400
Length, Overall, mm	1,910	2,010
Width, mm – incl. Mower Deck	1,560 (48 Accel Deep)	1,560 (48 Accel Deep)
Wheelbase, mm	1,300	1,300
Weight, approx., kg	396	381
HAND/ARM VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [l/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
WHOLE BODY VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [l/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
GUARANTEED SOUND POWER LEVEL PER 2000/14/EC (ANNEX VI, PROCEDURE 2) [dB(A)]	105	105
AVERAGE SOUND LEVEL AT WORK STATION ACCORDING TO ISO 5395-1 W MOWER DECK [dB(A)] / Measurement uncertainty [m/s²] / engine speed [l/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

■ 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.



	Z335E	Z345M	Z345R
ZTRAK ZERO-TURN MOWERS			
RECOMMENDED MOWING AREA, m²	up to 8,000	up to 8,000	over 8,000
ENGINE			
Type	Petrol	Petrol	Petrol
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
CE-Nominal Power (tested in accordance to SAE J1349) in kW (hp)*	12.3 (16.5) at 3,050 rpm	14.9 (20.0) at 3,050 rpm	14.9 (20.0) at 3,050 rpm
Displacement, cm ³	656	724	724
Cylinder	V-Twin	V-Twin	V-Twin
iTorque Power System	No	No	No
Fuel Capacity, ltr	7.9	7.9	7.9
TRANSMISSION			
Type	Hydrostatic	Hydrostatic	Hydrostatic
Drive System	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
Cruise Control	No	No	No
Forward / Reverse, km/h	10.8 / 5.4	10.8 / 5.4	10.8 / 5.4
STEERING			
Type	Zero-Turn	Zero-Turn	Zero-Turn
Turning Radius, cm	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius
Uncut Circle Radius, cm	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 (Mulch Control)	Optional (Mulch Control)	Optional (Mulch Control)
Cutting Height, mm	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	Manual – hand lever	Manual – hand lever	Manual – hand lever and foot lift
Mower Deck Engagement	Electric	Electric	Electric
COLLECTOR			
Standard / Optional	Optional	Optional	Optional
Capacity, ltr	230	230	230
SEAT TYPE			
Standard / Optional	Standard Back	Standard Back + Armrests	Medium Back + Armrests
Seat back height, cm	38	45.7	45.7
Armrest	No	Yes	Yes
TYRES			
Front Casters	11 × 4 – 4	11 × 4 – 5	11 × 4 – 5
Rear tires	18 × 8.5 – 8	18 × 8.5 – 8	18 × 8.5 – 8
DIMENSIONS			
Height (inc. Seat), mm	922	1,019	1,019
Length, Overall, mm	1,835	1,835	1,835
Width, mm – incl. Mower Deck	1,319	1,319	1,319
Wheelbase, mm	1,210	1,210	1,210
Weight, approx., kg	231	237	239
HAND/ARM VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3,050	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3,050	< 2.5 (no deck, 42A Mower Deck, 48A Mower Deck w power flow) / 0.5 / 3,050
WHOLE BODY VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	0.8 (No Deck), 0.7 (42A Mower Deck), 0.8 (42A Mower Deck w power flow) / 0.1 / 3,050	1.0 (No Deck), 0.8 (42A Mower Deck), 0.9 (42A Mower Deck w power flow) / 0.1 / 3,050	1.0 (No Deck), 0.8 (42A Mower Deck), 0.9 (42A Mower Deck w power flow) / 0.1 / 3,050
GUARANTEED SOUND POWER LEVEL PER 2000/14/EC (ANNEX VI, PROCEDURE 2) [dB(A)]	100	100	100
AVERAGE SOUND LEVEL AT WORK STATION ACCORDING TO ISO 5395-1 W MOWER DECK [dB(A)] / Measurement uncertainty [m/s²] / engine speed [1/min]	86.6 (No Deck), 89.2 (W 42A Mower Deck), 92.8 (W 42A Mower Deck and power flow) / 1 / 3,050	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 / 3,050	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 / 3,050

■ 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.

SPECIFICATIONS



	Z525E	Z535M	Z540R
RECOMMENDED MOWING AREA, m²	over 8,000	over 8,000	over 8,000
ENGINE			
Type	Petrol	Petrol	Petrol
Manufacturer	Briggs & Stratton	Briggs & Stratton	Kawasaki
CE-Nominal Power (tested in accordance to SAE J1349) in kW (hp)*	13.4 (18.0) at 3,350 rpm	16.7 (22.4) at 3,350 rpm	16.1 (21.6) at 3,350 rpm
Displacement, cm ³	656	724	726
Cylinder	V-Twin	V-Twin	V-Twin
iTorque Power System	No	No	No
Fuel Capacity, ltr	17	17	17
TRANSMISSION			
Type	Hydrostatic	Hydrostatic	Hydrostatic
Drive System	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
Cruise Control	No	No	No
Forward / Reverse, km/h	13.7 / 6.4	13.7 / 6.4	14.5 / 7.2
STEERING			
Type	Zero-Turn	Zero-Turn	Zero-Turn
Turning Radius, cm	Zero-Turn Radius	Zero-Turn Radius	Zero-Turn Radius
Uncut Circle Radius, cm	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 (Mulch Control)	Optional (Mulch Control)	Optional
Cutting Height, mm	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	Manual – hand lever	Manual – hand lever	Manual – hand lever and foot lift
Mower Deck Engagement	Electric	Electric	Electric
COLLECTOR			
Standard / Optional	Optional	Optional	Optional
Capacity, ltr	230	230	230
SEAT TYPE			
Standard Back + Armrests	Standard Back + Armrests	Medium Back + Armrests	High Back + Armrests
Seat back height, cm	38	45.7	50.8
Armrest	Yes	Yes	Yes
TYRES			
Front Casters	13 × 5 – 6	13 × 5 – 6	13 × 6.5 – 6
Rear tires	22 × 9.5 – 10	22 × 9.5 – 10	23 × 10.5 – 12
DIMENSIONS			
Height (inc. Seat), mm	1,001	1,067	1,171
Length, Overall, mm	1,948	1,948	1,948
Width, mm – incl. Mower Deck	1,590	1,590	1,585
Wheelbase, mm	1,237	1,237	1,237
Weight, approx., kg	286	291	336
HAND/ARM VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	< 2.5 (no deck, 48A Mower Deck w power flow), < 3.0 (48A Mower Deck) / 0.5 / 3,350	< 2.5 (no deck, 48A Mower Deck w power flow), < 2.8 (48A Mower Deck) / 0.5 / 3,350	< 2.3 (No Deck), < 3.0 (48HC Mower Deck), < 3.2 (48HC Mower Deck w power flow) / 0.5 / 3,350
WHOLE BODY VIBRATION MEASURED PER ISO 5395-1 [m/s²] / Measurement uncertainty [m/s²] / engine speed [1/min]	0.6 (No Deck), 0.7 (48A Mower Deck), 0.7 (48A Mower Deck w power flow) / 0.1 / 3,350	1.1 (No Deck), 0.9 (48A Mower Deck), 0.9 (48A Mower Deck w power flow) / 0.1 / 3,350	0.7 (No Deck), 0.6 (48A Mower Deck), 0.6 (48A Mower Deck w power flow) / 0.1 / 3,350
GUARANTEED SOUND POWER LEVEL PER 2000/14/EC (ANNEX VI, PROCEDURE 2) [dB(A)]	105	105	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]	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 / 3,350	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 / 3,350	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 / 3,350

■ 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.



	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, cm ³	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, in (cm)	25 (63.5)	23.6 (60)	21 (53)	72 (183 LH), 61 (155 RH)
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, in (mm)	1 – 5.25 (25 – 133) increments 0.25 in / 6 mm	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, in (cm)	48 (122) / 54 (137) / 60 (152)	48 (122) / 54 (137) / 60 (152)	48 (122) / 54 (137) / 60 (152)	48 (122) / 54 (137)
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, in (mm)	–	–	–	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, in (mm)	75 (1,905)	75 (1,905)	75 (1,905)	Low Dump: 133 (3,382) High Dump: 135.8 (3,449)
Height without cab, in (mm)	ROPs folded: 64.4 (1,611), ROPs up: 78 (1,982)	ROPs folded: 64.4 (1,611), ROPs up: 78 (1,982)	OPs folded: 64.4 (1,611), ROPs up: 78 (1,982)	ROPs folded: 67 (1,706), ROPs up: 82 (2,078)
Height w cab, in (mm)	74.3 (1,888)	74.3 (1,888)	74.3 (1,888)	76 (1,938)
Weight, kg (lb) no fuel or Mower Deck	472 (1,042)	513 (1,132)	550 (1,213)	Low Dump: 822 (1,812) High Dump: 1,014 (2,235) – incl. Hopper
Width w/o Deck, in (mm)	47 (1,194)	47 (1,194)	48 (1,219)	46 (1,180)
Ground Clearance, in (mm)	7.1 (180)	7.1 (180)	7.1 (180)	5.7 (1,45)
Wheelbase, in (mm)	54.5 (1,385)	55.7 (1,415)	55.7 (1,415)	58 (1,470)
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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