



THE COMPLETE RANGE OF  
LAWN CARE SOLUTIONS



# 2016





# CONTENTS

## GREAT MINDS THINK ALIKE

There are no second chances in golf. It's a game that calls for the perfect balance of power and precision – plus the ability to work on every detail until everything just flows. No wonder top greenkeepers appreciate their John Deere machines so much!



34

ROBOTIC MOWER

13



LAWN  
TRACTORS

40



4

## PRIDE OF PLACE

When Uli Rübke's father bought his first ride on mower in 1983 he chose John Deere, saying he couldn't afford a cheap mower...



**BUILT TO LAST**

At our modern factory in Gummersbach (Germany), we test every component rigorously to make sure your new John Deere will be a source of lasting pleasure.

**WALK-BEHIND MOWERS**



**MAGAZINE**

Pride of place ..... 4–9  
 Great minds think alike ..... 10–13  
 Mighty machines ..... 14–15  
 Built to last ..... 16–19

**WALK-BEHIND MOWERS**

RUN Series ..... 21  
 Select Series features ..... 22–25  
 40–43 cm working width ..... 26–27  
 47 cm working width ..... 28  
 54 cm working width ..... 29  
 Mulching mowers ..... 30–31  
 Electric mowers ..... 32

**ROBOTIC MOWER**

TANGO E5 Series II ..... 34–37

**SCARIFIERS**

..... 38–39

**LAWN TRACTORS**

X100 Series ..... 40–43  
 X300 & X500 Select Series features ..... 44–47  
 X300 Series ..... 48  
 X500 Series ..... 49  
 X700 Series ..... 50–51  
 X950R ..... 52–53  
 Ztrak Zero-Turn mowers ..... 54–55

**ATTACHMENTS**

..... 56–61

**PRODUCT SPECIFICATIONS**

..... 62–69

Gator Utility Vehicle ..... 70

Global dealer network ..... 71



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



# PRIDE OF PLACE

When Uli Rübke's father bought his first ride on mower in 1983 he chose John Deere saying he couldn't afford a cheap mower! Thirty-two years on, his son and grandson still drive it with pride – they even held a parade to mark its 30th anniversary.

When Uli Rübke's father replaced his old walk-behind mower with a John Deere ride on tractor in 1983, everything changed. Suddenly, everyone wanted to mow his garden – and even after 30 years, they still do. From hauling logs and trailers to mowing football pitches and orchards, the John Deere 111 has earned its keep over the years. Now it's enjoying a well earned retirement – but it still starts on the first try and is always ready if needed.

"The neighbours have bought six or seven cheap ride on mowers since we got this", Uli smiles as he pats his machine proudly. "None of them lasted long. Ours may be a bit scruffy, but it's well maintained. It even has the original front tyres."





The Rübkes have been parking their John Deere 111 in the barn for more than 30 years. It still starts first time.











***“OVER THE YEARS,  
A TRUSTED COMPANION.”***

ULRICH RÜBKE

With his watchful eye and steady manner, Uli Rübke is exactly how you'd imagine a certified inland water captain to be. From the bridge of his 13m tug, he commands a powerful dredger that keeps the river Aller open for leisure and passenger craft. After 40 years of service, Uli knows the waters here like the back of his hand. His feeling for machinery is legendary among colleagues: if anyone treats his tug roughly in his absence, Uli can tell the moment he takes the wheel and starts the six-cylinder Mercedes diesel.

In the kitchen of the family's brick-and-beam farmhouse in Wittlohe (Lower Saxony) is a framed picture of the parade with which Uli, wife Silke and son Mark celebrated their John Deere's 30th anniversary. Although they only invited the neighbours, word soon spread to the surrounding villages. On the big day, no fewer than 27 ride on mowers turned out to pay their respects, led by Uli and his trusty 111.



Idyllic brick houses line the main street of Wittlohe. The small village in Lower Saxony has just over 100 residents, and Ulrich Rübke's knowledge of mowers is legendary.





## LIKE FATHER, LIKE SON

Uli's son Mark learned the finer points of mowing from his grandfather and can still remember the day he was finally old enough to drive the family John Deere. Now that Mark is training to be a mechatronics engineer, he appreciates John Deere quality more than ever. The cap Mark is wearing in the picture is not the only heirloom to have survived the passage of time: as the third generation of Rübkes to play in goal, Mark still wears his grandfather's quilted football shorts for special matches.

While the Rübkes value quality and tradition, they also move with the times. As part of a close-knit community, the family supports several ambitious projects that use state-of-the-art technology to preserve or improve the quality of life for locals and visitors alike. Recently completed schemes include building and running a new village shop on a co-operative basis and installing a solar-powered passenger ferry across the river – a feat that took years of patience and perseverance to achieve.

## PART OF THE FAMILY

When the family bought a new mower two years ago, it went without saying that it had to be a John Deere. "Our new X155R has the same build quality as the 111, plus lots of technical improvements that make things easier, like the double-layer collector." The notion of trading in their old machine never occurred to the Rübkes, although they're sure it's still worth a bit. "It's part of the family now", Silke explains with a shrug. "We'll never part with it. When the day finally comes, we'll probably just bury it in the garden." ■



Mark inherited his passion for John Deere from his father and grandfather at an early age. By the time he was seven, he was already spending a large part of his summers on his play mower.

***"IT'S PART  
OF THE FAMILY NOW."***

SILKE RÜBKE



Although the 111 is now enjoying a well-deserved retirement, it takes pride of place in the family barn. Of course, Mark, still rides a John Deere today – a ride-on mower from the X100 Series.



# GREAT MINDS THINK ALIKE





There are no second chances in golf. It's a game that calls for the perfect balance of power and precision – plus the ability to work on every detail until everything just flows. No wonder top greenkeepers appreciate their John Deere machines so much!



The Renaissance Club,  
North Berwick, United Kingdom





Woburn Golf Club,  
Little Brickhill, United Kingdom

Even if they don't play golf, most people would agree that a well-kept course is a joy to behold: an oasis of peace and tranquility in a busy world. And they'd be right – but only up to a point.

Actually, a well-run golf course is much more than that. It's the perfect illusion: a glorious production that resembles a theatre, or perhaps an opera house. Out front, all is calm, unruffled perfection; behind the scenes, it's a different world entirely.

From dawn to dusk and well beyond, a dedicated team of experts work tirelessly to keep the wheels turning. Day in, year out, they landscape huge areas, seed and repair entire sections and pull out all the stops to keep the greens, rough and fairways up to the high standards club members expect. Like the backstage hands who shift props and scenery, their job is to keep a low profile and get things right every time. All without disturbing the real stars of the show: the golfers who compete for everything from an international trophy to a well-earned glass of wine at the nineteenth hole.

As you'd expect, these experts have an unerring eye for detail and can spot (and solve) problems well before a normal gardener would even notice them. Many are driven by a quiet passion that leads them to strive for ... if not perfection, then at least as close as is humanly possible. Think of the fussiest lawn lover you know, then multiply that by eighteen!

That's why we're proud of the fact that so many of the world's finest courses trust John Deere.

With a minimum of fuss and bother, our machines cut and maintain their grass to the highest professional standards in a wide range of climates and conditions. From tee to green and all around the clubhouse, they run all day and last for years. Isn't it time you had one too? ■





## INTERVIEW

John Clarke is Courses Manager at the prestigious Woburn Golf Club, where he is responsible for maintaining standards at no fewer than three of the Top 100 courses in England. We asked him about his passion for excellence – and what he thinks of John Deere equipment.



John Clarke with Hesper, who has every dog's dream job: spending all day out on the courses!

### **How did it all begin?**

*It started more or less by accident with a school work placement when I was fifteen. After that I never looked back; I've spent my entire working life in the industry.*

### **What sparked the flame?**

*It just felt right. We all have green fingers in my family – my grandfather was a botanist – so nobody was really surprised. For me, it's always been more than a job or a career – it really is a way of life. I'm fortunate to have found that at such an early age.*

### **What's your biggest passion?**

*I love to see the golf courses reflect the seasons. Woburn is set within mature woodland, so the backdrop really shows this in leaf. I like to reflect this with the grass: light green and brown in summer is more natural than emerald green all year round.*

### **What's your idea of a perfect green?**

*A smooth, dry, weed-free green comprising fine-leaved grass species with all the plants standing upright. This creates a surface that holds a well played golf shot and rewards a well placed putt.*

### **What are the biggest challenges you face in your work?**

*It's all about consistency. You need to prepare and maintain the surfaces all year round and you have lots of variables to deal with: temperature, light, growth potential, weather, soil types. These can all vary across each individual green, as well as hole to hole.*

### **Do you see any similarities to normal gardens?**

*Normal lawns share many of the same issues. You have light and shade, weather, moss ingress ... so you really do need to micro-manage for the best results.*

### **How does John Deere help you achieve your goals?**

*With really good quality products, leading edge technology and outstanding customer service. The Woburn Estate uses quite a lot of John Deere equipment now – everything from tiny garden tractors to large agricultural machinery and a woodland harvester. We have a very good working relationship with the company. ■*



# MIGHTY MACHINES

John Deere combines are among the company's largest machines. In contrast, our TANGO robotic mower is the smallest member of the team. At first glance, the two machines have little in common ... but if we actually compare their strength, we come to some surprising results.



## KING OF THE HILL

If the New Zealand government ever decided to cover Baldwin Street with turf, we would strongly advise them to acquire a TANGO mower, because it would have no problem making its way up and down the 35% gradient road the Guinness Book of World Records calls the steepest in the world. The TANGO has amazing climbing skills – it can master slopes of up to 36% depending on the terrain – which makes them stand out even among its bigger brothers. Indeed, the S-Series combines represent the latest high-tech in professional hang-harvesting systems and can cover slopes up to 22% as efficiently as any flat surface. It wouldn't be quite enough to master Baldwin Street but for these giants, it's a highly impressive performance.





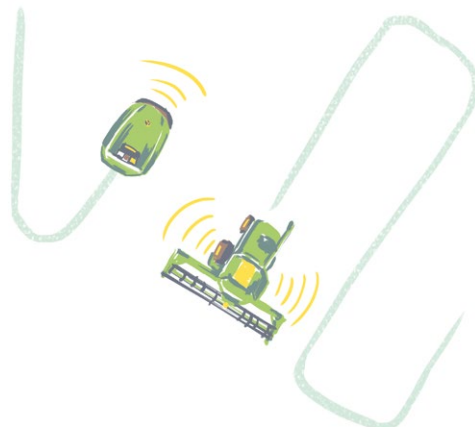


## GET TO THE CHOPPER

Getting your harvesting and fertilizing done at the same time is both cost-effective and ecologically sensible. This is why John Deere's S-Series combines are equipped with a residue management system that uses up to 100 knives to chop everything that's not needed. The finely cut residue is left on the field, thus supplying nutrients for next year's seedlings. The same principle works when mowing your lawn at home. Mulching and fertilizing can be handled by our smart little TANGO. This robot's regular mowing schedule means that grass clippings are mulched and simply left on the lawn to serve as an organic fertilizer.

## TANGO UNCHAINED

Imagine a mower pulled by 625 horses. A scary thought? Well, the same level of force enables John Deere's S-Series mowers to harvest roughly half the world's grain. And while the nimble TANGO doesn't deliver as impressive numbers as these, it simply doesn't have to. Its capabilities are geared entirely towards maintaining a perfect lawn as efficiently as possible. And at 15 kilos, the TANGO barely weighs as much as a poodle. In fact, the mower uses one-tenth of a horsepower, which provides more than enough force and also saves on energy. In other words, just let the TANGO off its leash, sit back and watch it make the most of its powerful batteries.



## NO SPACE ODYSSEY

Although neither the TANGO nor any of John Deere's combines have ever managed to develop their own conscience, these machines are nevertheless highly intelligent. For all S-Series combines, satellite technology is available (optional) to navigate and self steer, thus minimising overlaps. That saves a large amount of time and fuel on agricultural fields. On the other hand, the TANGO is not guided by satellites but rather by pre-installed boundary wires. They prompt it to dance across the preset areas and cut grass as short and as quickly as possible. Just watch it pirouette elegantly around trees, bushes and flower beds: and as soon as it feels its energy coming to an end, this intelligent robot seeks out its charging station all by itself.



# BUILT TO LAST

At our modern factory in Gummersbach (Germany), we test every component rigorously to make sure your new John Deere will be a source of lasting pleasure.

Everyone knows a chain is only as strong as its weakest link. Yet surprisingly, many manufacturers still test just a few key components on their mowers – not the whole machine.

The people at our factory in Gummersbach are different. They build our machines to the same high standards as the John Deere equipment farmers rely on all over the world. To make sure every walk-behind mower, robotic mower and scarifier meets their high standards – and yours – they follow strict quality assurance guidelines that cover everything from design and materials to tolerances and finishing. That way, you can be sure your new mower doesn't have any weak links built in.

## MADE IN GERMANY

During assembly, our trained staff 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. Then, once the mowers are complete, the toughest tests of all can begin.







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.





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

JOHN DEERE, FOUNDER



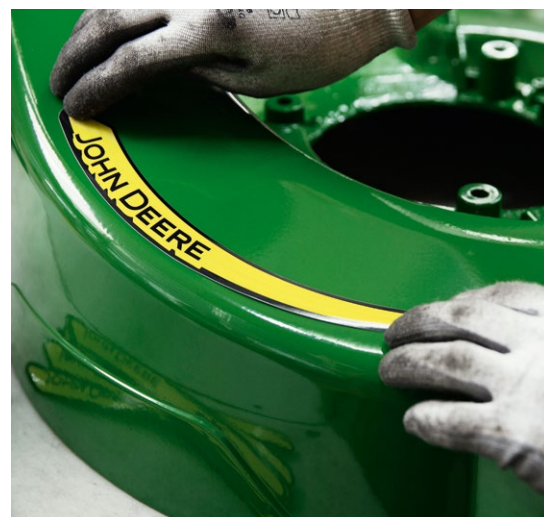


At random intervals, chief tester Johannes Kokott pulls a machine out of the line and subjects it to the worst treatment he can think of. “My job is to take our mowers to the limit – and well beyond”, he explains with a smile. “That way, we know they’ll give our customers long years of service under normal conditions. We even provide a 15-year warranty\* on our Select Series mower decks.”

But you don’t have to wait that long to appreciate John Deere quality. From the very first day, the intuitive controls and simple height-of-cut adjustment make mowing a pleasure. With high quality blades, an energy-efficient engine and professional attachments, your new walk-behind has everything you need for a smooth, top quality cut with a minimum of fuss and noise. Week after week, season after season, year after year. ■

\* Terms and conditions apply.  
Contact your dealer for details.

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.







# WALK-BEHIND MOWERS

# RUN SERIES

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



## RUN 41

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

- ReadyStart with automatic choke
- Deck material: steel



## RUN 46

1200m <sup>2</sup>	
46 cm working width	
Single-speed: 3.6 km/h	

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



## RUN 51

2200m <sup>2</sup>	
51 cm working width	
Single-speed: 3.6 km/h	

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



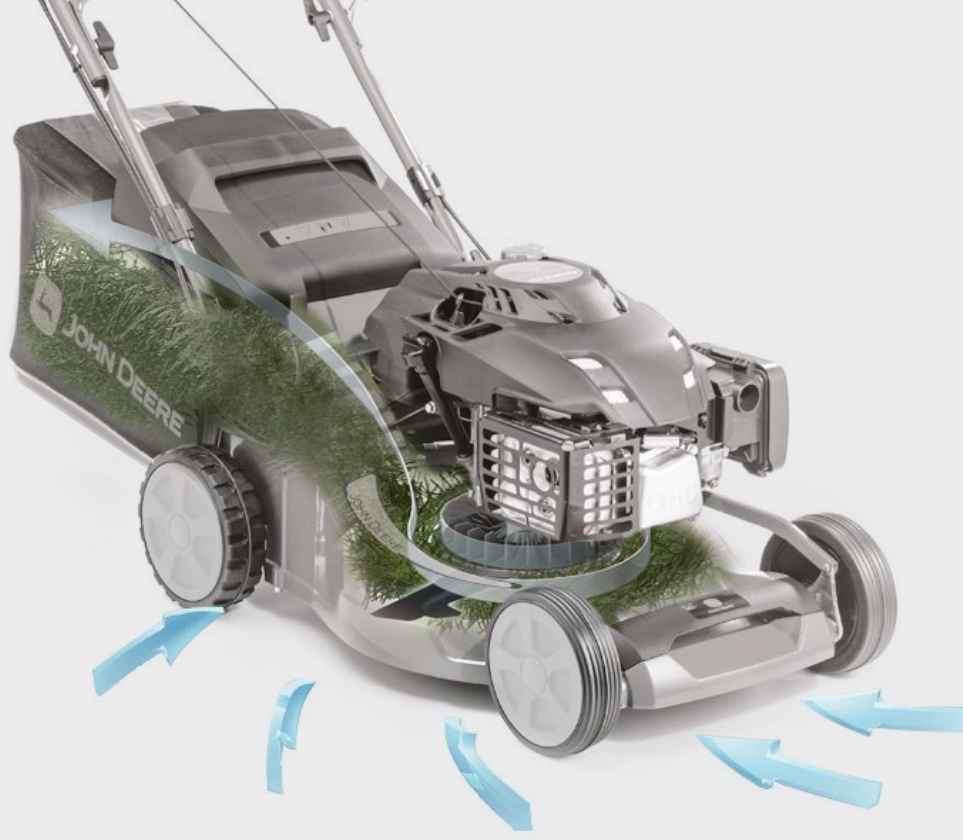
# OUTSTANDING FEATURES

## WALK-BEHIND MOWERS SELECT SERIES

Designed and built for years of service, our Select Series 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 Select Series 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

## READYSTART®

A Briggs & Stratton engine feature

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

WARRANTY

**15**  
YEARS\*



## PEACE OF MIND – GUARANTEED

The mower deck on our 43, 47 and 54 cm Select Series 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.



### 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.



### 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:** All Select Series mowers let you adjust your speed to suit the terrain and mowing conditions. Many models even have a convenient twist knob that makes life easier still.



**Electric key starter:** Forget about cords and recoil systems. To start your new John Deere, all you do is turn the key. In seconds, you're ready to mow.



**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.

**OPTIMUM BAG FILL**

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





# 40 – 43 CM WORKING WIDTH

## SELECT SERIES

### 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 <sup>2</sup>	
--------------------	--

- 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 <sup>2</sup>	
--------------------	--

- ReadyStart with automatic choke
- Mulching kit: optional



### R43S

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

1000 m <sup>2</sup>	
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.

1000 m <sup>2</sup>	
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 starter for easy and comfortable mowing.



## R43RS

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



## R43RVE

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

1000 m <sup>2</sup>	
Variable-speed: 2.5–4.3 km/h	
Electric key start	

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

1000 m <sup>2</sup>	
Single-speed: 4.1 km/h	

- ReadyStart with automatic choke

1000 m <sup>2</sup>	
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

## SELECT SERIES

### ON ALL 47 CM MODELS

- TurboStar System
- Deck material: aluminium



### R47\*

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

1200 m<sup>2</sup>

- ReadyStart with automatic choke
- Mulching kit: optional



### R47S

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

1400 m<sup>2</sup>

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.

1500 m<sup>2</sup>

Variable-speed: 2.7–4.3 km/h

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



### R47VE

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

1500 m<sup>2</sup>

Variable-speed: 2.7–4.3 km/h

Electric key start

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



### R47KB

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

1500 m<sup>2</sup>

Variable-speed: 2.7–4.3 km/h

Blade Brake Clutch

- Cone clutch for smoother take-up
- Mulching kit: optional

# 54 CM WORKING WIDTH

## SELECT SERIES

### ON ALL 54 CM MODELS

- TurboStar System
- Deck material: aluminium



### R54S

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

2500 m<sup>2</sup>

Single-speed: 3.4 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.

2500 m<sup>2</sup>

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.

2500 m<sup>2</sup>

Variable-speed: 2.7–4.8 km/h

Electric key start

- ReadyStart with automatic choke
- Mulching kit: optional



### JX90

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

2500 m<sup>2</sup>

Variable-speed: 2.7–4.8 km/h

Blade Brake Clutch

- Mulching kit: optional



### R54RKB

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

2500 m<sup>2</sup>

Variable-speed: 3.3–5.0 km/h

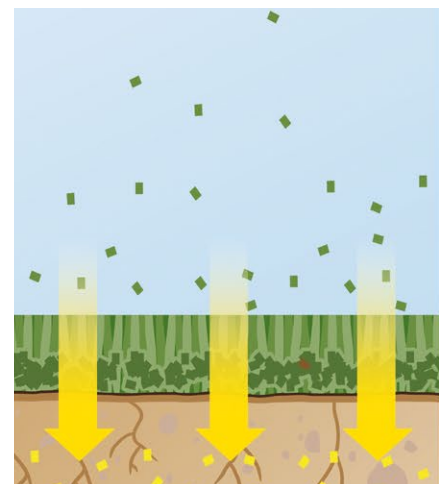
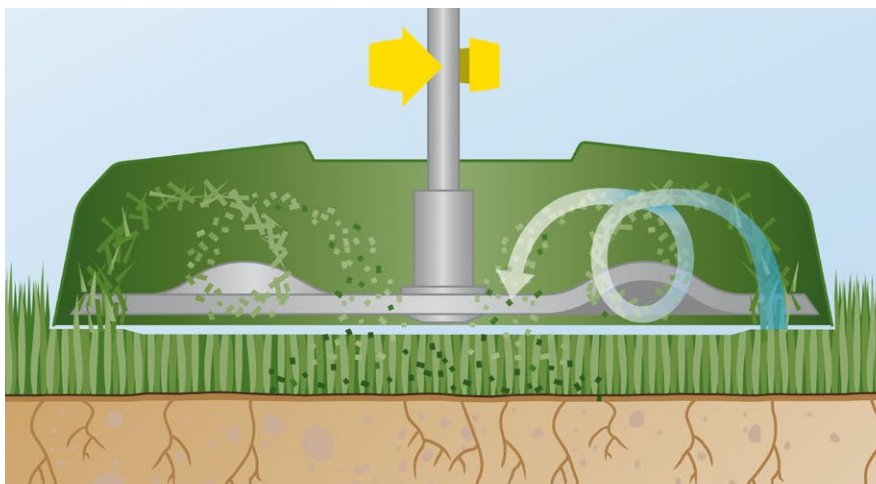
Blade Brake Clutch



# 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. There's no need to empty the grass collector – and less need for artificial fertilisers.





**JS63V**

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

2000 m <sup>2</sup>	
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.

2000 m <sup>2</sup>	
53 cm working width	
Variable-speed: 2.5–5.2 km/h	
Front caster wheels	

**ON ALL  
MULCHING MOWERS**

- Deep-dome mulching deck
- Deck material: steel

**AVAILABLE ON MOST  
JOHN DEERE MOWERS**

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

Check the product specifications table on pages 62–65 for more information.

**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.





# ELECTRIC MOWERS

## EMISSION-FREE CONVENIENCE

If you like things clean and simple, a John Deere electric lawn mower is for you. The 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 <sup>2</sup>	
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 <sup>2</sup>	
--------------------	--

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

To see how much John Deere has to offer, visit our website today: [JohnDeere.com](http://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.



When you see this icon in the brochure, it means you can watch a product explaining video for that model at:

[JohnDeere.co.uk/turf\\_info](http://JohnDeere.co.uk/turf_info)



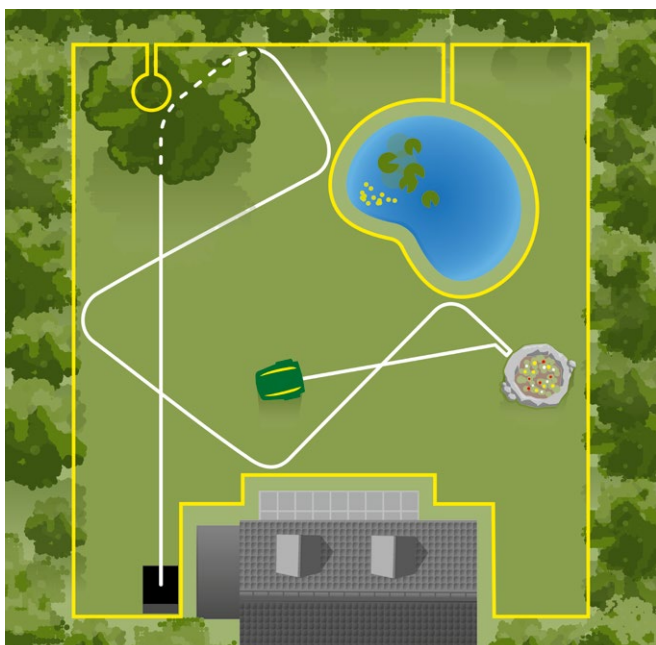


# ROBOTIC MOWER

# TANGO E5 SERIES II

MAKE LIFE EASIER

The new TANGO E5 Series II is designed to make your life easier, not more complicated. The controls and technology are so intuitive, you'll be ready to mow in no time. Or rather, to watch while TANGO does it for you!



## EASY TO ADMIRE

TANGO mows in a random pattern to keep your lawn looking perfect. It detects the boundary wire and obstacles automatically and even adapts to patches of longer grass on the move. A clean-up lap around the entire garden boundary keeps all the edges tidy.

For the best mowing results, ask your John Deere TANGO specialist dealer to help you plan and install the boundary wire. The wire is virtually invisible and easy to move when you change your garden layout.





## EASY TO PROGRAMME

Programming TANGO is really easy. The big screen and logical controls make it simple to set the schedule you prefer – then change it in moments, whenever you wish.

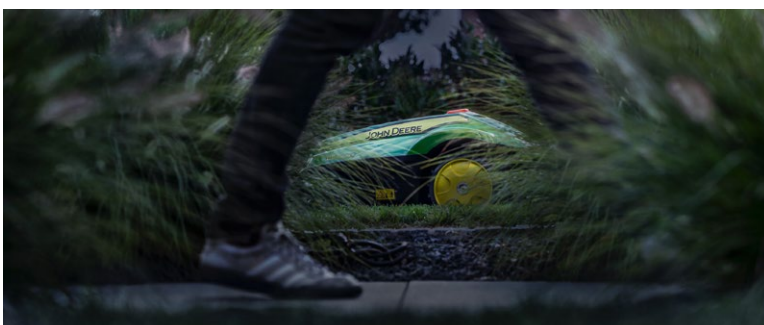


## MASTERS HILLS

TANGO takes your garden's slopes and inclines in its stride too. With the optional Traction Kit, it can even master hills up to 36%!\*\*

## QUIET

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

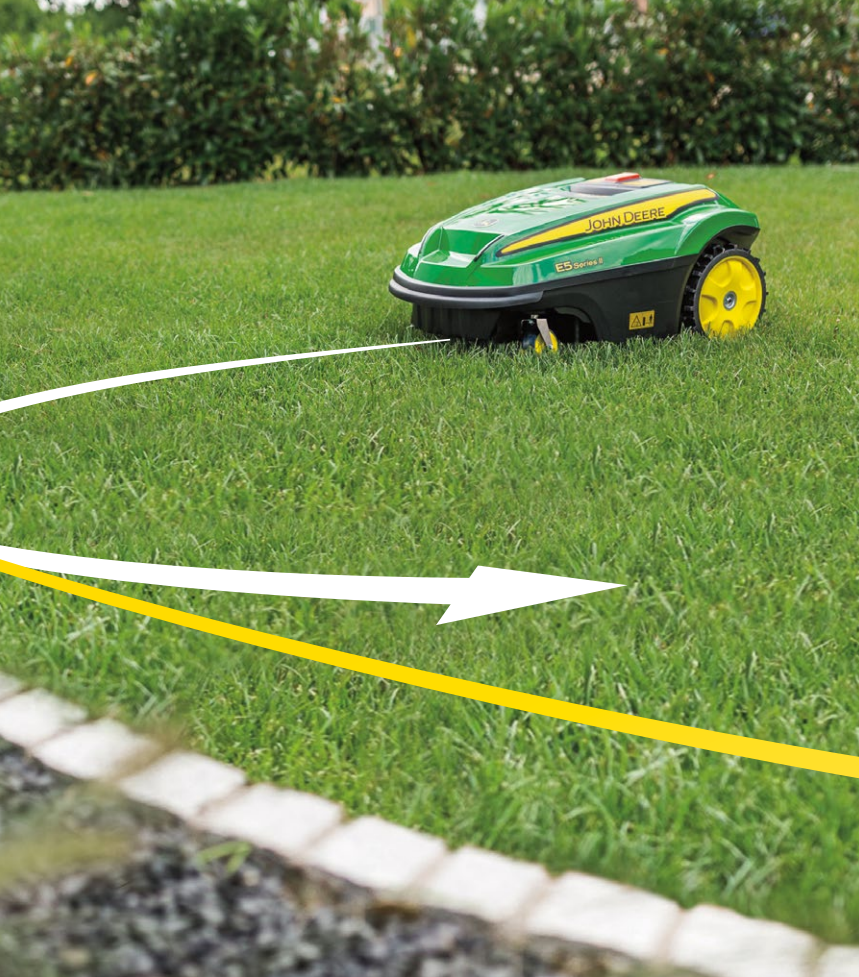
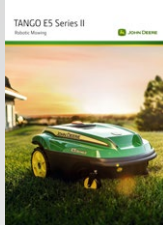


## ROBUST

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





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



### TANGO E5 Series II \*

2200 m <sup>2</sup>	
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.

### EASY TO OPERATE

The TANGO E5 Series II is now smarter than ever. The mower’s new driving performance takes it in forward motion until it reaches the boundary wire, at which point it curves and changes course – even on hilly terrain and when moving in reverse. This means fewer sudden stops – and fewer tyre tracks on your precious lawn.



**Strong:** TANGO’s special recessed steel blade cuts swiftly and cleanly to keep grass healthy all summer long. It’s so durable, it can mow throughout the seasons without losing its edge. To adjust the cut height (19 to 102 mm), simply rotate the protector shield.



**Predictably smart:** TANGO knows when it’s time to recharge its powerful Li-Ion battery. And it will automatically head for the docking station, which you can set up anywhere within reach.



**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.



# 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.



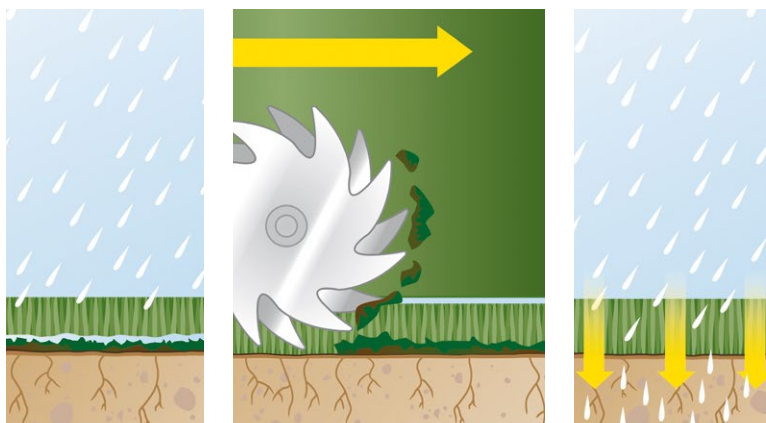
### **WATCH YOUR GARDEN GROW**

However big or small your garden, our electric and petrol scarifiers can revitalise your lawn and transform it into a picture of health. Your lawn should be at least three years old before the first scarification, and the best times to remove thatch are late spring and early autumn. Always mow the grass as short as possible before you begin; an average height of 4 cm is ideal. If possible, work when the soil is thoroughly dry; this will prevent damage to the machine and keep the resulting grooves open.



## 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.



### 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 <sup>2</sup>	
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 <sup>2</sup>	
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 <sup>2</sup>	
Petrol OHV engine, nominal power: 2.3 kW / 3400 rpm	

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





# LAWN TRACTORS

# X100 SERIES

## STANDARD 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 3000 to 6000 m<sup>2</sup> these robust lawn tractors are engineered for years of trouble-free service and combine superb cut quality with outstanding ease of use.



### EFFICIENT ENGINE AND BUILT-IN ERGONOMICS

The smooth running V-twin engine will get your heart racing (X135R, X155R, X165). A high-back seat is standard on the X125, X135R, X155R and X165.





# X100 SERIES



## SIDE DISCHARGE EDGE DECKS

These robust, versatile mower decks are standard on the X105, X125 and X165 and have a wash port for easy cleaning after use.



### X105

4000 m <sup>2</sup>	
Forward speed: 8.9 km/h	

#### MOWER DECK

42 Edge (107 cm / 42 in)
--------------------------

- Engine, nominal power: 6.85 kW / 3350 rpm
- Deck engagement: mechanical
- Seat: standard
- Mulching kit: optional
- Collection system: optional
- Bumper: optional



### X125

5000 m <sup>2</sup>	
Forward speed: 8.9 km/h	

#### MOWER DECK

42 Edge (107 cm / 42 in)
--------------------------

- Engine, nominal power: 9.6 kW / 3150 rpm
- Deck engagement: mechanical
- Seat: standard high
- Simple Mulch Cover: standard
- Mulching kit: optional
- Collection system: optional
- Bumper: optional



### X165

6000 m <sup>2</sup>	
Forward speed: 8.9 km/h	
Cruise control	

#### MOWER DECK

48 Edge (122 cm / 48 in)
--------------------------

- Engine, nominal power: 12.1 kW / 3350 rpm
- Deck engagement: electric
- Seat: standard high
- Simple Mulch Cover: standard
- Collection system: optional
- Bumper: standard

Discover our wide range of attachments  
Pages 56–61



### HIGH CAPACITY COLLECTOR

A capacity of 300 litres means fewer stops and faster work. Standard on the X115R, X135R and X155R.



### X115R

3000 m <sup>2</sup>	
Forward speed: 8.9 km/h	
Rear collection	

#### MOWER DECK

36 Rear discharge (92 cm / 36 in)
-----------------------------------

- Engine, nominal power: 6.85 kW / 3350 rpm
- Deck engagement: mechanical
- Collection capacity: 300 litre
- Seat: standard
- Mulching kit: optional
- Bumper: optional

### X135R

4000 m <sup>2</sup>	
Forward speed: 8.9 km/h	
Rear collection	

#### MOWER DECK

36 Rear discharge (92 cm / 36 in)
-----------------------------------

- Engine, nominal power: 8.8 kW / 3150 rpm
- Deck engagement: electric
- Collection capacity: 300 litre
- Seat: standard high
- Mulching kit: optional
- Bumper: optional

### X155R

6000 m <sup>2</sup>	
Forward speed: 8.9 km/h	
Rear collection	

#### MOWER DECK

42 Rear discharge (107 cm / 42 in)
------------------------------------

- Engine, nominal power: 9.7 kW / 3150 rpm
- Deck engagement: electric
- Collection capacity: 300 litre
- Seat: standard high
- Mulching kit: optional
- Bumper: standard



# OUTSTANDING FEATURES

## X300 & X500 SELECT 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. With its low centre of gravity, long wheelbase and differential lock it is the perfect all-round performer.







## 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.



## 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 pastime.



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



**CRUISE CONTROL**

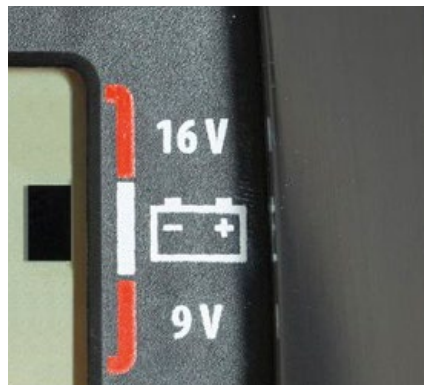
This popular feature is just as useful on lawn tractors as it is on cars! To switch it on or off, simply press the button.



**NEW**

**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).



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



**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)

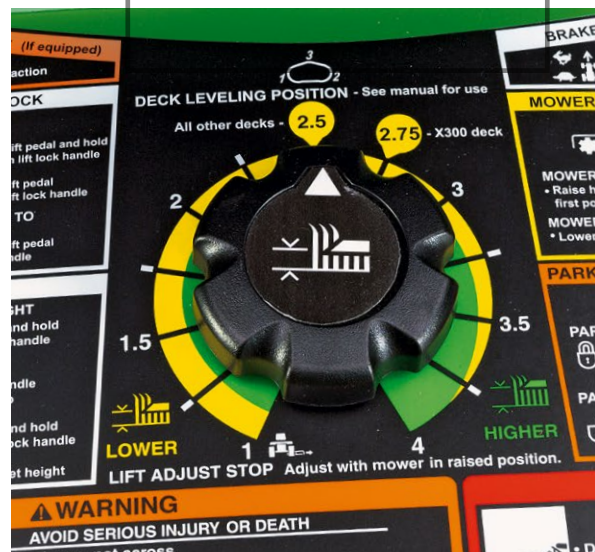


### 4-WHEEL STEERING

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 new **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

## SELECT SERIES

### ON ALL X300 SERIES MODELS

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



### X350

8000 m<sup>2</sup>

Forward speed: 8.2 km/h

#### MOWER DECK OPTIONS

42 Edge mulch (107 cm / 42 in)

42 Accel Deep (107 cm / 42 in)

- Engine, nominal power: 12.2 kW / 3100 rpm
- Mulch Control: standard
- Collection system: optional (42 Accel Deep)



### X350R

8000 m<sup>2</sup>

Forward speed: 8.5 km/h

Rear collection

#### MOWER DECK

42 Rear Discharge (107 cm / 42 in)

- Engine, nominal power: 12.2 kW / 3100 rpm
- Mulching kit: standard



### X354

8000 m<sup>2</sup>

Forward speed: 8.2 km/h

4-wheel steering

#### MOWER DECK OPTIONS

42 Edge mulch (107 cm / 42 in)

42 Accel Deep (107 cm / 42 in, optional)

- Engine, nominal Power: 12.2 kW / 3100 rpm
- Mulch Control: standard
- Collection system: optional (42 Accel Deep)



### X370

8000 m<sup>2</sup>

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)

- Engine, nominal power: 12.2 kW / 3100 rpm
- Mulch Control: standard
- Collection system: optional (42 Accel Deep)
- Deck lift system: hydraulic



### X380

8000 m<sup>2</sup>

Forward speed: 10.0 km/h

#### MOWER DECK OPTIONS

48 Accel Deep (122 cm / 48 in)

- Engine, nominal power: 13.8 kW / 3350 rpm
- Mulch Control: optional (48 Accel Deep)
- Collection system: optional

# X500 SERIES

## SELECT SERIES

### ON ALL X500 SERIES MODELS

- Deck engagement: electric
- Cruise control
- Deluxe high seat
- Mulching kit: optional
- Collection system: optional



### X584

8000+ m<sup>2</sup>

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)

- Engine, nominal power: 16.1 kW / 3350 rpm
- Deck lift system: hydraulic



### X590

8000+ m<sup>2</sup>

Forward speed: 11.6 km/h

Hydraulic, 2-wheel power steering

#### MOWER DECK OPTIONS

48 Accel Deep (122 cm / 48 in)

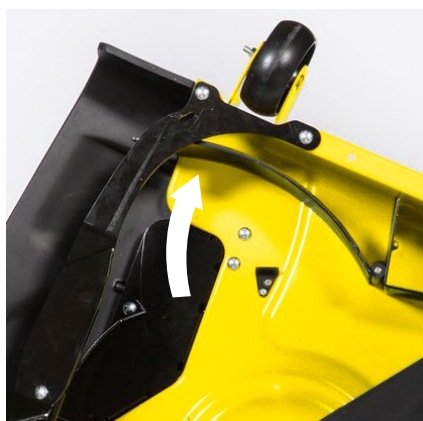
54 Accel Deep (137 cm / 54 in)

- Engine, nominal power: 16.7 kW / 3250 rpm
- Deck lift system: hydraulic

### MULCHING JUST GOT EVEN EASIER

Meet MulchControl – the powerful new attachment for superior mulching performance and versatility. This ingenious system lets you switch from side discharge to mulching (and back again) on-the-go, 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.

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



Discover our wide range  
of attachments  
Pages 56–61



# X700 SERIES

## DIESEL MOWING TRACTORS

These durable diesel mowing tractors are the perfect combination of performance, ease of use and comfort. With three models to choose from, 2-Wheel Drive, 4-Wheel Drive or 4-Wheel Steer, there's an X700 Series for every application.



### HYDROSTATIC TRANSMISSION AND HYDRAULIC POWER STEERING

The new X700 Series are easy to operate and manoeuvre thanks to the exclusive Twin Touch pedals and standard power steering.



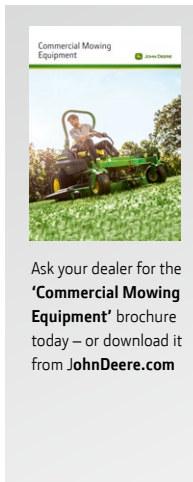
**ON ALL  
X700 SERIES MODELS**

- Engine, Nominal Power: 17.5 kW (23.5 hp) / 3400 rpm
- Twin Touch Foot Pedals
- Cruise Control
- Deck Lift System: Hydraulic
- Deck Engagement: Electric
- Optional: Road Homologation Kit

**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



**MULCH CONTROL**

The new 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.



**X750**

8000+ m <sup>2</sup>
Forward speed: 13.7 km/h
Hydraulic, 2-wheel power steering

- Optional: Collector



**X754**

8000+ m <sup>2</sup>
Forward speed: 13.7 km/h
Hydraulic, 4-wheel power steering



**X758**

8000+ m <sup>2</sup>
Forward speed: 13.7 km/h
Hydraulic, 2-wheel power steering
4-Wheel Drive

- Optional: Collector

**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.





# X950R

## DIESEL MOWING TRACTORS

Meet the champion! The X950R is a supremely comfortable rear discharge, rear collect mower with more power and capacity than any other model we make. The high torque diesel engine and heavy duty wheel motors can work hard all day without complaining, while the rugged steel frame and mower deck are built to commercial standards for years of faithful service. As for flexibility, nothing comes close.



### CONFIGURABLE

Choose a 48" (122 cm) or 54" (137 cm)  
Mower deck width.







**TAIL FOLLOWS TRAIL**

This innovative feature lets you mow right up close to fences or walls without worrying about the collection hopper.

Choose either a high dump or low dump collector – then fit and remove it in moments with the special Quick Attach system.



**FULL REACH**

With its generous 650 litre capacity, the collector lets you go further between emptying and because it offloads into the middle of your container or skip, it's easy to load evenly and completely.

Ask your dealer for the 'Commercial Mowing Equipment' brochure today – or download it from [JohnDeere.com](http://JohnDeere.com)



**X950R**

8000 m <sup>2</sup>
Forward speed: 16.1 km/h
Cruise Control
Hydraulic, 2-wheel power steering
Rear Collection
Comfort Seat

- Engine, Nominal Power: 18 kW (24 hp) / 3300 rpm
- Twin Touch Foot Pedals
- Deck Lift System: Hydraulic
- Deck Engagement: Electric

**COMMERCIAL REAR DISCHARGE MOWER DECK OPTIONS**

48" (122 cm / 48 in)
54" (137 cm / 54 in)

**COLLECTOR OPTIONS**

Low Dump (570 litres)
High Dump (650 litres)

**OPTIONAL**

Rear Deflector Kit
Collector Parking Stand
Road Homologation Kit



# ZTRAK ZERO-TURN MOWERS

AGILE AND FAST

High speed mowing used to be just for professionals. But now our Ztrak Zero-Turn mowers make work faster, easier and smoother for everyone.



**ON ALL ZTRAK  
ZERO-TURN MOWERS**

- 25–102 mm cutting height
- Deck engagement: electric
- Mulching kit: optional

Discover our wide range  
of attachments  
Pages 56–61



**Z335E**

8000 m <sup>2</sup>
Forward speed: 10.8 km/h
Seat: standard
Twin stick control levers, 2-wheel drive

**MOWER DECK**

42 Accel Deep (107 cm / 42 in)
--------------------------------

- Engine, nominal power: 11.4 kW / 3200 rpm



**Z525E**

8000+ m <sup>2</sup>
Forward speed: 13.7 km/h
Seat: standard + armrests
Twin stick control levers, 2-wheel drive

**MOWER DECK**

48 Accel Deep (122 cm / 48 in)
--------------------------------

- Engine, nominal power: 12.1 kW / 3350 rpm
- Collection system: optional



**Z540R**

8000+ m <sup>2</sup>
Forward speed: 14.5 km/h
Seat: high back + armrests
Twin stick control levers, 2-wheel drive

**MOWER DECK**

48 High Capacity (122 cm / 48 in)
-----------------------------------

- Engine, nominal power: 16.1 kW / 3350 rpm
- Collection system: optional

**TURN ON THE SPOT**

The intuitive motion control levers make precision trimming easy.



**COLLECTION CAPACITY**

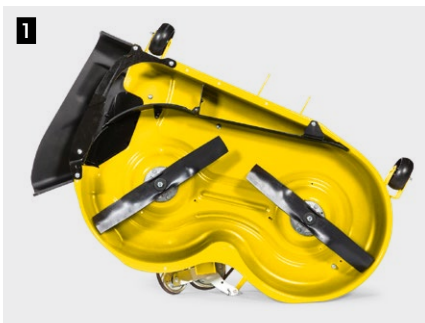
Easily convert any Ztrak mower into a collection machine by adding an optional collection system.







# 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. See page 49 for details.

## MOWING / WHEEL WEIGHTS

### 3 Wheel weights

X100, X300, X500 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

X115R, X135R, X155R, X350R

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

## SPREADERS

### 5 Push spreader, 23 kg

Designed for year round use, this durable poly hopper is ideal for spreading seed, fertiliser and salt. It has a fully enclosed gearbox, 13" pneumatic tyres for easy rolling and an ergonomic, height adjustable split handle. Screen, cover and side deflector are included.

### 6 Tow-behind spreader, 80 kg

X100, X300, X500 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.



1



2



3



## COLLECTION

Our grass collectors are the ideal way to collect grass clippings and leaves efficiently. 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-minder indicator helps prevent chute blocking alerting you in good time.

### 1 230 ltr collection system

100 Series	42 Edge Deck and 48 Edge Deck
Z525E	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
------------	--

### 3 230 ltr collection system

X350, X354, X370, X380	42 Accel Deep Deck
---------------------------	--------------------

### 4 250 ltr power flow collection system

X380	48 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
X300 Series	44 in (112 cm) Front blade
X500 Series	48 in (122 cm) Front blade

These front blades are excellent for pushing 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.

### 3 Tyre chains (pair)

X100, X300, X500 Series
-------------------------

Recommended for use with front blade or snowblowers.

### 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.

### 5 Snow blower

X300 Series	44 in (112 cm)
X500 Series	47 in (120 cm)

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 Series	7P	160 litre
X100, X300, X500 Series	10P	240 litre

### 2 Utility cart, steel

X100, X300, X500 Series	Cart 13	280 litre
X500 Series	Cart 18	420 litre

## PROTECTION

### 3 Riding mower cover

X100, X300, X500 Series	Standard
-------------------------	----------

**Standard:** Coated fabric for water protection. Dual vents let air circulate and help prevent ballooning in wind. Elastic cord in the bottom hem for a quick and custom fit. Handy storage pocket reverses into an attractive storage case.

**Deluxe:** Coated, stretchproof, heavy duty fabric for enhanced water resistance and repelling. WipeClean reinforced bottom around mower deck. EasyOn side handles make fitting easy. EasyOn split back for fast fitting and easy access after installation. Dual reinforced air vents let air circulate and help prevent ballooning in wind. Interior lining and integrated silencer heat shield. Handy storage pocket reverses into an attractive storage case.

### 4 Walk-behind mower cover

Fits most walk-behind mowers
------------------------------

Covers both the mower and collection bag on rear discharge mowers. Fabric coated for weather protection. Back closure makes installation and removal simple. Elastic shock cord in bottom hem for a quick, custom fit.

### 5 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.



## PROTECTION / REAR RECEIVER / HITCH KIT

### 1 Front bumper

X100 Series	Double Bar
X300 Series	Single Bar

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

### 2 Rear bumper

Z335E Rear bumper comes with rear hitch in a kit, Z525E, Z540R

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

### 3 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.

### 4 Rear hitch

Z335E Rear bumper comes with rear hitch in a kit, Z525E, Z540R

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

### 5 Foot rest extensions





Z525E, Z540R





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



	RUN SERIES			40 cm	43 cm	
	Standard Series			Select Series	Select Series	
	<b>RUN 41</b>	<b>RUN 46</b>	<b>RUN 51</b>	<b>R40</b>	<b>R43</b>	<b>R43S</b>
						
<b>Recommended Mowing Area, m<sup>2</sup></b>	up to 800	up to 1200	up to 2200	up to 700	up to 800	up to 1000
<b>Working Width, cm</b>	41	46	51	40	43	43
<b>Collection</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>Capacity, litre</b>	52	52	52	44	55	65
<b>TurboStar System</b>	No	No	No	Yes	Yes	Yes
<b>Mulching</b>	No	Optional	Optional	Optional	Optional	Optional
<b>Engine</b>						
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	2.5	2.1	2.4	2.4
RPM	2900	2900	2800	2800	2800	2800
Displacement, cm <sup>3</sup>	150	150	190	140	190	190
<b>Drive</b>						
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
<b>Deck Height Adjustment</b>						
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
<b>Start/Stop Type</b>	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
<b>Handlebar</b>						
Adjustable	Yes	Yes	Yes	Yes	Yes	Yes
Foldable	Yes	Yes	Yes	Yes	Yes	Yes
Hand Arm Vibration at the handle $a_{hw}$ [m/s <sup>2</sup> ] measured in accordance with EN 836/A4 / Measurement Uncertainty in accordance with EN 12096	4.7 / –	3.1 / –	5.9 / –	2.7 / 1.4	5.4 / 2.7	4.2 / 2.1
<b>Deck</b>	Steel	Steel	Steel	Polypropylene	Aluminium	Aluminium
<b>Wheels</b>						
Diameter Front/Rear, mm	170/210	170/210	170/210	150/180	180/180	180/200
Bearings	Ball	Ball	Ball	Ball	Ball	Ball
<b>Weight, kg</b>	28	29.5	33	24	30	35
<b>Guaranteed Sound Power <math>L_{WA}</math> [dB(A)]</b> measured in accordance with 2000/14/EC	95	96	97	96	96	96
<b>Emissions-Sound Pressure level at operators station <math>L_{pA}</math> [dB(A)]</b> measured in accordance with EN 836/A4 / Measurement Uncertainty in accordance with ISO 4871	82 / 0.3	83 / 0.6	84 / 0.7	84 / 3	83 / 3	83 / 3

\*Available in selected markets only.

<b>R43V</b>	<b>R43VE</b>	<b>R43RS</b>	<b>R43RVE</b>
			
up to 1000	up to 1000	up to 1000	up to 1000
43	43	43	43
Standard	Standard	Standard	Standard
65	65	65	65
Yes	Yes	Yes	Yes
Optional	Optional	No	No
Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start
Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
2.4	2.4	2.4	2.4
2800	2800	2800	2800
190	190	190	190
Variable-Speed	Variable-Speed	Single-Speed	Variable-Speed
2.5–4.3	2.5–4.3	4.1	3.3–5.0
15–80	15–80	15–70	15–70
Central	Central	Central	Central
9	9	9	9
Recoil	Key	Recoil	Key
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
4.2 / 2.1	4.2 / 2.1	4.0 / 2.0	4.0 / 2.0
Aluminium	Aluminium	Aluminium	Aluminium
180/200	180/200	180/100	180/100
Ball	Ball	Ball	Ball
36	38	35	40
96	96	96	96
83 / 3	83 / 3	84 / 3	84 / 3

<b>47 cm</b>			
Select Series			
<b>R47*</b>	<b>R47S</b>	<b>R47V</b>	<b>R47VE</b>
			
up to 1200	up to 1400	up to 1500	up to 1500
47	47	47	47
Standard	Standard	Standard	Standard
65	65	65	65
Yes	Yes	Yes	Yes
Optional	Optional	Optional	Optional
Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start
Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
2.4	2.4	2.4	2.4
2800	2800	2800	2800
190	190	190	190
Push	Single-Speed	Variable-Speed	Variable-Speed
Push	3.6	2.7–4.3	2.7–4.3
15–80	15–80	15–80	15–80
Central	Central	Central	Central
9	9	9	9
Recoil	Recoil	Recoil	Key
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
5.0 / 2.5	5.0 / 2.5	5.0 / 2.5	5.0 / 2.5
Aluminium	Aluminium	Aluminium	Aluminium
180/200	180/200	180/200	180/200
Ball	Ball	Ball	Ball
33	37	37	39
96	96	96	96
85 / 3	85 / 3	85 / 3	85 / 3



**47 cm**

Select Series

**R47KB**









<b>Recommended Mowing Area, m<sup>2</sup></b>	up to 1500
<b>Working Width, cm</b>	47
<b>Collection</b>	Standard
<b>Capacity, litre</b>	65
<b>TurboStar System</b>	Yes
<b>Mulching</b>	Optional
<b>Engine</b>	
Type	Petrol OHV
Manufacturer	Subaru
Nominal Power, kW	3.2
RPM	2800
Displacement, cm <sup>3</sup>	179
<b>Drive</b>	
System	Variable-Speed
Max. Speed, km/h	2.7–4.3
<b>Deck Height Adjustment</b>	
Cutting Height, mm	15–80
Adjustment	Central
Positions	9
<b>Start/Stop Type</b>	Recoil BBC
<b>Handlebar</b>	
Adjustable	Yes
Foldable	Yes
Hand Arm Vibration at the handle $a_{hw}$ [m/s <sup>2</sup> ] measured in accordance with EN 836/A44 / Measurement Uncertainty in accordance with EN 12096	5.0 / 2.5
<b>Deck Material</b>	Aluminium
<b>Wheels</b>	
Diameter Front/Rear, mm	180/200
Bearings	Ball/Needle
<b>Weight, kg</b>	44
<b>Guaranteed Sound Power <math>L_{WA}</math> [dB(A)]</b> measured in accordance with 2000/14/EC	96
<b>Emissions-Sound Pressure level at operators station <math>L_{pA}</math> [dB(A)]</b> measured in accordance with EN 836/A4 / Measurement Uncertainty in accordance with ISO 4871	85 / 3

**54 cm**

Select Series

**R54S****R54V****R54VE****JX90**

up to 2500	up to 2500	up to 2500	up to 2500
54	54	54	54
Standard	Standard	Standard	Standard
75	75	75	75
Yes	Yes	Yes	Yes
Optional	Optional	Optional	Optional
Petrol with Ready Start	Petrol with Ready Start	Petrol with Ready Start	Petrol OHV
Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Subaru
2.4	2.4	2.4	3.2
2800	2800	2800	2800
190	190	190	179
Single-Speed	Variable-Speed	Variable-Speed	Variable-Speed
3.4	2.7–4.8	2.7–4.8	2.7–4.8
17–100	17–100	17–100	17–100
Central	Central	Central	Central
7	7	7	7
Recoil	Recoil	Key	Recoil BBC
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
4.4 / 2.2	4.4 / 2.2	4.4 / 2.2	5.0 / 2.5
Aluminium	Aluminium	Aluminium	Aluminium
210/210	210/210	210/210	210/210
Ball/Needle	Ball/Needle	Ball/Needle	Ball/Needle
45	46	49	55
98	98	98	98
84 / 3	84 / 3	84 / 3	84 / 3

		MULCHING MOWERS		ELECTRIC MOWERS		SCARIFIERS		
		Select Series		Select Series		Standard Series		Select Series
<b>R54RKB</b>		<b>JS63V</b>	<b>JS63VC</b>	<b>R40EL</b>	<b>R43EL</b>	<b>D31RE</b>	<b>D35RE</b>	<b>D38R</b>
								
up to 2500	up to 2000	up to 2000	up to 600	up to 700	up to 500	up to 700	up to 1500	
54	53	53	40	43	31	35	38	
Standard	No	No	Standard	Standard	Optional	Optional	Optional	
75	–	–	44	55	55	55	55	
Yes	No	No	Yes	Yes	No	No	No	
No	Standard	Standard	No	No	No	No	No	
Petrol OHV	Petrol OHV	Petrol OHV	Electric	Electric	Electric	Electric	Petrol OHV	
Subaru	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	
2.8	3.2	3.2	1.3	1.5	1.4	1.6	2.3	
2800	2800	2800	–	–	–	–	3400	
179	190	190	–	–	–	–	127	
Variable-Speed	Variable-Speed	Variable-Speed	Push	Push	Push	Push	Push	
3.3–5.0	2.5–5.2	2.5–5.2	Push	Push	Push	Push	Push	
15–80	20–97	20–97	24–75	22–80	–	–	–	
Front 2 / Rear 1	Front 1 / Rear 1	Front 2 / Rear 1	Central	Central	Central	Central	Central	
Front 7 / Rear 11	7	7	6	7	–	–	Stepless	
Recoil BBC	Recoil	Recoil	Button	Button	Button	Button	Recoil	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
3.6 / 1.8	3.6 / 1.8	3.6 / 1.8	1.0 / 0.5	1.0 / 0.5	1.5 / 0.8	1.5 / 0.8	4.4 / 2.2	
Aluminium	Steel	Steel	Polypropylene	Aluminium	ABS	ABS	Aluminium	
180/100	210/210	210/210	150/180	180/180	180/180	180/180	180/180	
Ball	Ball/Needle	Ball/Needle	Ball	Ball	Friction	Friction	Ball	
55	40	43	22	26	17.5	18.5	36	
98	98	98	96	96	87	87	97	
84 / 3	81 / 3	81 / 3	83 / 3	82 / 3	78 / 3	78 / 3	83 / 3	



## X100 SERIES

Standard Series

## X105



## X115R



## X125



## X135R



## X155R



Recommended Mowing Area, m <sup>2</sup>	up to 4000	up to 3000	up to 5000	up to 4000	up to 6000
<b>Engine</b>					
Type	Petrol	Petrol	Petrol	Petrol	Petrol
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Nominal Power, kW	6.85 at 3350 rpm	6.85 at 3350 rpm	9.6 at 3150 rpm	8.8 at 3150 rpm	9.7 at 3150 rpm
Displacement, cm <sup>3</sup>	344	344	500	656	656
Cylinder	Single	Single	Single, OHV	V-twin, OHV	V-twin, OHV
iTorque Power System	No	No	No	No	No
Fuel Capacity, litre	9	8	9.1	7.5	7.5
<b>Transmission</b>					
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	No	No	No
Forward/Reverse, km/h	8.9 / 4.8	8.9 / 3.2	8.9 / 5.1	8.9 / 5.1	8.9 / 5.1
<b>Steering</b>					
Type	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer
Turning Radius, cm	45.7	50.8	45.7	50.8	50.8
Uncut Circle Radius, cm	63.5	67.5	63.5	67.5	70
<b>Mower Deck Options</b>					
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	Optional	Simple Mulch Cover Standard Mulch Kit Optional	Optional	Optional
Cutting Height, mm	25–100	25–90	25–101	25–89	25–101
Deck Lift System	Manual	Manual	Manual	Manual	Manual
Deck Engagement	Mechanical	Mechanical	Mechanical	Electric	Electric
<b>Collector</b>					
Standard/Optional	Optional	Standard	Optional	Standard	Standard
Capacity, litre	230	300	230	300	300
<b>Seat Type</b>	Standard	Standard	Standard High	Standard High	Standard High
<b>Tyres</b>					
Size of Front	15 × 6–6	15 × 6–6	15 × 6–8	15 × 6–6	15 × 6–6
Size of Rear	20 × 8–8	18 × 18.5–8	20 × 8–8	18 × 8.5–8	18 × 8.5–8
<b>Dimensions</b>					
Height (inc. Seat), mm	1030	1080	1040	1080	1140
Length, Overall, mm	1880	2460	1880	2475	2527
Width, mm	1320	960	1320	960	1110
Wheelbase, mm	1227	1227	1227	1227	1227
<b>Weight, approx., kg</b>	187	225	210	233	230
<b>Hand/Arm vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>] / engine speed [1/min]</b>	2.9 / 0.5 / 3450	1.8 / 1.8 / 3450	< 2.5 / – / 3250	2.6 / 0.5 / 3250	2.9 / 0.5 / 3250
<b>Whole Body vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>]</b>	0.9 / 0.1	1.0 / 0.1	1.0 / 0.1	0.9 / 0.1	1.2 / 0.1
<b>Guaranteed Sound Power Level per 2000/14/EC (Annex VI, Procedure 2) [dB(A)]</b>	100	100	100	100	100
<b>Average Sound Level at Work Station according to ISO 5395-1 with mower deck [dB(A)] / Measurement uncertainty [dB(A)] / engine speed [1/min]</b>	87.5 / 1 / 3450	87.8 / 1 / 3450	86.0 / 1 / 3250	86.1 / 1 / 3250	88.2 / 1 / 3250

■ Standard □ Optional

## X300 SERIES

Select Series

**X165**

up to 6000

Petrol  
Briggs & Stratton  
12.1 at 3350 rpm  
656  
V-twin, OHV  
No  
9.1

Hydrostatic  
2-Wheel Drive  
Yes  
8.9 / 5.1

2-Wheel Steer

45.7  
50.8

□

□

■

Simple Mulch Cover  
Standard

25–101  
Manual  
Electric

Optional

230  
Standard High

16 × 6.5–8  
22 × 9.5–12

1170  
1994  
1450  
1227  
241

&lt; 2.5 / – / 3450

1.2 / 0.1

105

89.6 / 1 / 3450

**X350**

up to 8000

Petrol  
Kawasaki  
12.2 at 3100 rpm  
603  
V-twin, OHV  
Yes  
13.2

Hydrostatic  
Twin Touch Foot Pedals,  
2-Wheel Drive  
Yes  
8.2 / 5.9

2-Wheel Steer

40.6  
68.6 (42 Edge Mulch)

□

□

Standard

25–102  
Foot Pedal  
Electric

Optional only with 42 Accel  
Deep Deck

250  
Deluxe

15 × 6–6  
20 × 10–8

1200  
1830  
1118 (42 Edge Mulch)  
1260  
261 (42 Edge Mulch)

4.2 (No Deck), 5.0 (42M),  
3.8 (42A), 3.5 (42A and cut  
and throw) / 0.5 / 3100

1.1 (No Deck), 1.1 (42M),  
0.8 (42A), 0.7 (42A and cut  
and throw) / 0.1

100

82.2 (No Deck), 83.2 (42M),  
87.3 (42A), 87.0 (42A and cut  
and throw) / 1 / 3350

**X350R**

up to 8000

Petrol  
Kawasaki  
12.2 at 3100 rpm  
603  
V-twin, OHV  
Yes  
7.6

Hydrostatic  
Twin Touch Foot Pedals,  
2-Wheel Drive  
Yes  
8.5 / 6.4

2-Wheel Steer

48.2  
73.7

■

■

Standard

25–102  
Foot Pedal  
Electric

Standard

300  
Deluxe

15 × 6–6  
20 × 10–8

1200  
2520  
1118  
1260  
314

2.8 (No Deck),  
3.5 (42RD) / 0.5 / 3100

0.8 (No Deck),  
0.7 (42RD) / 0.1

100

81.9 (No Deck),  
86.8 (42RD) / 1 / 3100

**X354**

up to 8000

Petrol  
Kawasaki  
12.2 at 3100 rpm  
603  
V-twin, OHV  
Yes  
13.2

Hydrostatic  
Twin Touch Foot Pedals,  
2-Wheel Drive  
Yes  
8.2 / 5.9

4-Wheel Steer

38.1  
40.6 (42 Edge Mulch)

■

□

Standard

25–102  
Foot Pedal  
Electric

Optional only with 42 Accel  
Deep Deck

250  
Deluxe

15 × 6–6  
20 × 10–10

1200  
1830  
1118 (42 Edge Mulch)  
1260  
286 (42 Edge Mulch)

4.2 (No Deck), 5.0 (42M),  
3.8 (42A), 3.5 (42A and cut  
and throw) / 0.5 / 3100

1.1 (No Deck), 1.1 (42M),  
0.8 (42A), 0.7 (42A and cut  
and throw) / 0.1

100

82.2 (No Deck), 83.2 (42M),  
87.3 (42A), 87.0 (42A and cut  
and throw) / 1 / 3350

**X370**

up to 8000

Petrol  
Kawasaki  
12.2 at 3100 rpm  
603  
V-twin, OHV  
Yes  
13.2

Hydrostatic  
Twin Touch Foot Pedals,  
2-Wheel Drive  
Yes  
8.6 / 4.9

Hydraulic Power  
2-Wheel Steer

55.9  
80.3 (42 Accel Deep)

□

□

Standard

25–102  
Hydraulic  
Electric

Optional only with 42 Accel  
Deep Deck

250  
Deluxe

15 × 6–6  
20 × 10–8

1200  
1830  
1118 (42 Accel Deep)  
1260  
275 (42 Accel Deep)

4.2 (No Deck), 5.0 (42M),  
3.8 (42A), 3.5 (42A and cut  
and throw) / 0.5 / 3100

1.1 (No Deck), 1.1 (42M),  
0.8 (42A), 0.7 (42A and cut  
and throw) / 0.1

100

82.2 (No Deck), 83.2 (42M),  
87.3 (42A), 87.0 (42A and cut  
and throw) / 1 / 3350

**X380**

up to 8000

Petrol  
Kawasaki  
13.8 at 3350 rpm  
726  
V-twin, OHV  
Yes  
13.2

Hydrostatic  
Twin Touch Foot Pedals,  
2-Wheel Drive  
Yes  
10.0 / 5.6

2-Wheel Steer

40.6  
53.3 (48 Accel Deep)

□

□

Optional

25–102  
Foot Pedal  
Electric

Optional

250  
Deluxe

15 × 6.5–8  
22 × 11–10

1200  
1830  
1560  
1260  
313 (48 Accel Deep)

< 2.5 (No Deck, 48A, 48A  
w power flow, 54A, 54A with  
power flow) / 0.5 / 3350

0.9 (No Deck), 0.7 (48A,  
48A w power flow, 54A, 54A  
with power flow) / 0.1

105

83.0 (No Deck), 89.7  
(48A, 48A w power flow),  
90.7 (54A), 91.8 (54A with  
power flow) / 1 / 3350



## X500 SERIES

Select Series

## X584



## X590



Recommended Mowing Area, m <sup>2</sup>	over 8000	over 8000
<b>Engine</b>		
Type	Petrol	Petrol
Manufacturer	Kawasaki	Kawasaki
Nominal Power, kW	16.1 at 3350 rpm	16.7 at 3250 rpm
Displacement, cm <sup>3</sup>	726	726
Cylinder	V-twin, OHV	V-twin
iTorque Power System	Yes	Yes
Fuel Capacity, litre	16.7	16.7
<b>Transmission</b>		
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
<b>Steering</b>		
Type	Hydraulic Power 4-Wheel Steer	2-Wheel Steer
Turning Radius, cm	68.6	55.9
Uncut Circle Radius, cm	35.6 (48 Accel Deep)	68.6 (48 Accel Deep)
<b>Mower Deck Options</b>		
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
Cutting Height, mm	25–102	25–102
Deck Lift System	Hydraulic	Hydraulic
Deck Engagement	Electric	Electric
<b>Collector</b>		
Standard/Optional	Optional	Optional
Capacity, litre	250 or 500	250 or 500
<b>Seat Type</b>	Deluxe High	Deluxe High
<b>Tyres</b>		
Size of Front	16 × 6.5–8	16 × 6.5–8
Size of Rear	24 × 9.5–12	24 × 12–12
<b>Dimensions</b>		
Height (inc. Seat), mm	1400	1400
Length, Overall, mm	1910	2010
Width, mm	1560 (48 Accel Deep)	1560 (48 Accel Deep)
Wheelbase, mm	1300	1300
Weight, approx., kg	396	381
<b>Hand/Arm vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>] / engine speed [1/min]</b>	< 2.5 (No Deck, 48A, 48A w power flow, 54A, 54A with power flow) / 0.5 / 3350	< 2.5 (No Deck, 48A, 48A w power flow, 54A, 54A with power flow) / 0.5 / 3350
<b>Whole Body vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>]</b>	0.9 (No Deck), 0.7 (48A, 48A w power flow, 54A, 54A with power flow) / 0.1	0.9 (No Deck), 0.7 (48A, 48A w power flow, 54A), 0.6 (54A with power flow) / 0.1
<b>Guaranteed Sound Power Level per 2000/14/EC (Annex VI, Procedure 2) [dB(A)]</b>	105	105
<b>Average Sound Level at Work Station according to ISO 5395-1 with mower deck [dB(A)] / Measurement uncertainty [dB(A)] / engine speed [1/min]</b>	83.0 (No Deck), 89.7 (48A, 48A w power flow), 90.7 (54A), 91.8 (54A with power flow) / 1 / 3350	83.9 (No Deck), 90.9 (48A), 90.6 (48A w power flow), 91.2 (54A), 91.8 (54A with power flow) / 1 / 3350

■ Standard □ Optional

## Z335E



## Z525E



## Z540R



Recommended Mowing Area, m <sup>2</sup>	up to 8000	over 8000	over 8000
<b>Engine</b>			
Type	Petrol	Petrol	Petrol
Manufacturer	Briggs & Stratton	Briggs & Stratton	Kawasaki
Nominal Power, kW	11.4 at 3200 rpm	12.1 at 3350 rpm	16.1 at 3350 rpm
Displacement, cm <sup>3</sup>	656	656	726
Cylinder	V-twin, OHV	V-twin, OHV	V-twin, OHV
iTorque Power System	No	No	No
Fuel Capacity, litre	8.0	13.2	13.2
<b>Transmission</b>			
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 Levers, 2-Wheel Drive
Cruise Control	No	No	No
Forward/Reverse, km/h	10.8 / 5.4	13.7 / 5.6	14.5 / 5.6
<b>Steering</b>			
Type	2-Wheel Steer	2-Wheel Steer	2-Wheel Steer
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
<b>Mower Deck Options</b>			
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
Cutting Height, mm	25–102	25–102	25–102
Deck Lift System	Manual	Manual	Manual
Deck Engagement	Electric	Electric	Electric
<b>Collector</b>			
Standard/Optional		Optional	Optional
Capacity, litre		230	230
<b>Seat Type</b>	Standard	Standard + Armrests	High Back + Armrests
<b>Tyres</b>			
Size of Front	11 × 4–4	13 × 5–6	13 × 6.5–6
Size of Rear	18 × 8.5–8	22 × 9.5–10	23 × 10.5–12
<b>Dimensions</b>			
Height (inc. Seat), mm	922	980	1150
Length, Overall, mm	1824	1897	1897
Width, mm	1318	1588	1585
Wheelbase, mm	1190	1220	1220
Weight, approx., kg	215	309	340
<b>Hand/Arm vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>] / engine speed [1/min]</b>	< 2.5 / – / –	< 2.5 / 0.5 / –	2.8 / 0.5 / –
<b>Whole Body vibration measured per ISO 5395-1 [m/s<sup>2</sup>] / Measurement uncertainty [m/s<sup>2</sup>]</b>	1.4 / 0.1	1.5 / 0.1	1.3 / 0.1
<b>Guaranteed Sound Power Level per 2000/14/EC (Annex VI, Procedure 2) [dB(A)]</b>	100	105	105
<b>Average Sound Level at Work Station according to ISO 5395-1 with mower deck [dB(A)] / Measurement uncertainty [dB(A)] / engine speed [1/min]</b>	91.2 / 1 / 3200	89.7 / 1 / 3350	93.5 / 1 / 3350

**X700 SERIES**

Select Series

**X750****X754****X758**

Engine			
Type	Diesel	Diesel	Diesel
Manufacturer	Yanmar	Yanmar	Yanmar
Maximum rated power per (ISO) 97/68/EC, HP (kW)	23.5 (17.5) at 3400 rpm, PS	23.5 (17.5) at 3400 rpm, PS	23.5 (17.5) at 3400 rpm, PS
Net engine power per ECE-R24, HP (kW)	22.1 (16.5) at 3400 rpm, PS	22.1 (16.5) at 3400 rpm, PS	22.1 (16.5) at 3400 rpm, PS
Cylinders	3	3	3
Displacement, cm <sup>3</sup>	904	904	904
Fuel Tank Capacity, litre	19.7	19.7	19.7
Transmission			
Type	Hydrostatic	Hydrostatic	Hydrostatic
Drive System	Twin Touch Foot Pedals, 2-Wheel Drive	Twin Touch Foot Pedals, 2-Wheel Drive, 4-Wheel Steer	Twin Touch Foot Pedals, 4-Wheel Drive
Max. Speed km/h (mph) Forward	13.7 (8.5)	13.7 (8.5)	13.7 (8.5)
Max. Speed km/h (mph) Reverse	9.7 (6)	9.7 (6)	9.7 (6)
Cruise Control	Standard	Standard	Standard
Differential Lock	Standard	Standard	Standard
Brakes	Internal Wet Disc	Internal Wet Disc	Internal Wet Disc
Hydraulics			
Selective Control Valves (SCVs)	2 Dual SCVs	2 Dual SCVs	2 Dual SCVs
Hydraulic Flow, l/min	17.6	17.6	17.6
Power Steering			
Type	2 Front Wheel Steer	4 Wheel Steer	2 Front Wheel Steer
Turning Radius, cm (in)	63.5 (25)	58.5 (23)	63.5 (25)
Mower Decks			
Type	Stamped Steel, Rolled Edges	Stamped Steel, Rolled Edges	Stamped Steel, Rolled Edges
PTO Engagement	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Deck Lift/Lower	Hydraulic	Hydraulic	Hydraulic
Cutting Height, mm (in)	25–133 (1–5.25)	25–133 (1–5.25)	25–133 (1–5.25)
Cutting Width, cm (in)	122 (48) / 137 (54) / 152 (60)	122 (48) / 137 (54) / 152 (60)	122 (48) / 137 (54) / 152 (60)
Number of Blades	3	3	3
Collector			
Type	580L or 580H	580L or 580H	580L or 580H
Capacity, litre	600	600	600
Maximum Lift Height, mm (in)	1800 (71)	1800 (71)	1800 (71)
Fill Indicator	Yes	Yes	Yes
Seat Type	Standard	Standard	Standard
Dimensions			
Length, mm (in)	1905 (75)	1905 (75)	1905 (75)
Height without cab, mm (in)	1300 (51.2)	1300 (51.2)	1300 (51.2)
Height with cab, mm (in)	1888 (74.3)	1888 (74.3)	1888 (74.3)
Weight, kg (lb) no fuel or Mower Deck	430 (948)	451 (995)	470 (1038)
Width w/o Deck, mm (in)	1194 (47)	1194 (47)	1219 (48)
Ground Clearance, mm (in)	180 (7.1)	140 (5.5)	180 (7.1)
Wheelbase, mm (in)	1385 (54.5)	1385 (54.5)	1415 (55.7)
Tyres Front	18x8.50–8	18x7.0–8	18x8.50–10
Tyres Rear	26x12.00–12	26x10.50–12	26x12.00–12
Safety	Reverse Implement Option (RIO)	Reverse Implement Option (RIO)	Reverse Implement Option (RIO)

**X900 SERIES**

Select Series

**X950R**

Diesel
Yanmar
24.5 (18) at 3100 rpm, PS
24 (18) at 3300 rpm, PS
3
1116
20.4
Hydrostatic
Twin Touch Foot Pedals, 2-Wheel Drive
16.1 (10)
9.7 (6)
Standard
Standard, Hydraulic Traction Assist
Internal Wet Disc
Single Lever 2 Function SCV
18
2 Front Wheel Steer
183 LH (72), 155 RH (61)
Stamped Steel, Rolled Edges
Electric Drive Clutch
Hydraulic
13 position, 25–112 (1–4.5)
122 (48) / 137 (54)
2
Options: Low Dump or High Dump
570 (Low Dump)
650 (High Dump)
High Dump: 2037 (80.2)
Yes
Comfort
Low Dump: 3382 (133)
High Dump: 3449 (135.8)
ROPs folded: 1706 (67)
ROPs up: 2078 (82)
1938 (76)
Low Dump: 822 (1812)
High Dump: 1014 (2235)
1180 (46)
14.5 (5.7)
1470 (58)
18x8.5–8
26x12–12
Reverse Implement Option (RIO)



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