

Signature Series

X710 / X730 / X734 / X738 / X739 / X750 / X754 / X758



**"I will never put my name on any product
that does not have the best that is in me."**

John Deere/Founder

THIS IS HOW WE RUN.

When you take shortcuts, it shows. We don't run like that. Instead, we test on over 400 acres off of Swan Road in Horicon, Wisconsin (page 4). We innovate (page after page). We turn on a dime (page 6) and conquer terrain (page 8). We even cut 7-inch high grass as easily as 4 inch (page 8). But that's not all.

We're tough (page 13) and adaptable (page 10). And offer a level of comfort (page 5) and peace of mind (page 13) you won't find anywhere else. We build John Deere X700 Signature Series tractors the way we've always built John Deere equipment. The right way.

Times change. Our principles don't. You don't just have to take our word on it. You've got our name on it and everything we have inside us in it.

That's how we run. And Nothing Runs Like a Deere.

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TESTED TO START AT -20° F. YOUR CAR CAN'T SAY THAT.

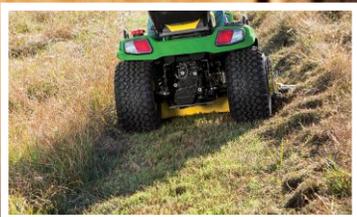
How we test is an important part of how we run. Take the Signature Series. At our Swan Road test facility, we mowed through a wide variety of 2-to 24-inch tall grass to make sure you had what you needed for a premium cut. We tested on 400 acres of grass, mowing 18 hours a day to make sure we didn't miss anything when it came to your comfort and the best cut in the industry.

But we were just getting started. We tested in sound rooms to minimize noise. We tested at 20° F below zero to make sure

your system could start in the cold, so you could plow your driveway even if your car wouldn't start.

We tested in a hot room at 104° F because if you want to mow when it's that hot out, we're not one to judge. Testing. That's how we run. And nothing runs like a Deere.

The Cold Room. -20° F is cold. Even if your car won't start, your Signature Series can. At least you can plow the driveway. (page 11)



WE MOWED 18 HOURS A DAY ON OVER 400 ACRES TO GET READY FOR YOUR YARD.

To accompany this amazing ride, our solid stamped, 9-gauge steel high-capacity mower decks are engineered to produce a premium cut. This system has been tested to perform at peak efficiency in 24-inch high, thick grass.

For a more manicured look, add a high-capacity bagger. You can create your own mulch and a pristine yard is sure to follow.

Easy maintenance is a must.

Sharpening blades. Cleaning your deck. Switching out implements. There are plenty of reasons to take your mower deck off. With our Signature Series Drive Over AutoConnect™ Decks, we've made it easier.

Just find a flat surface, lower your deck, pull a pin, flip a switch and drive off. It's our easiest detach/attach high-capacity mower deck, yet.



A high-capacity mower deck, solid stamped out of 9-gauge steel to handle the tall stuff.



With an AutoConnect deck, attaching and removing your mower deck is easier than ever.



Engine – Starting with the X730 high-performance EFI gas engines and Tier 4 diesel engines offer torque and power to spare.

Designed Hood – the exclusive hood design provides superior cooling and durability.

Mower Deck – The 48-in. Edge™ Xtra mower deck is perfect for narrow pathways and gate entrances, while our 54- and 60-in. high-capacity decks provide a premium cut and are solid stamped out of 9-gauge steel for toughness.

Steering Wheel – Tall? Short? Somewhere in between? Standard tilt steering adjusts to your height and delivers the ultimate in comfort.

12-Volt outlet – Plug in an electric weed whacker or hedge trimmer. You've got the power.

Tool Box – From work gloves and sunglasses to your favorite hat, there's plenty of onboard storage.

Make-Yourself-Comfortable – This premium, 2-piece, 21-in. high-back seat offers suspension support and a lounge-chair-like function for exceptional comfort.



**CORNERING?
TRY TURNING ON A DIME.**



4 Wheel Steer

With 4-wheel steer on a Signature Series, when you turn your steering wheel, all four wheels turn in unison. This improves maneuverability and trimming performance while also saving time. No obstacle, garden bed or tree trunk can stand in your way.

Even our Signature Series models with 2-wheel steer provide excellent maneuverability. That's because these systems come with power steering standard. Perfect for yards with more open spaces and fewer obstacles.

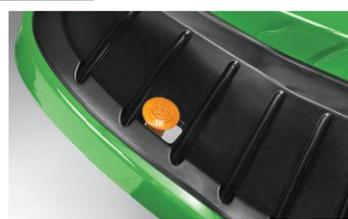




The full-time 4-wheel-drive system engages with the turn of your ignition key.



No scuffing. The speed of each front wheel adjusts automatically on turns in our full-time 4-wheel-drive system.



Standard traction assist helps get you out of the tricky terrain in your yard.

Signature Series systems offer two drive options for your yard—a full-time 4-wheel-drive system or a 2-wheel-drive system. Both feature a special Standard Traction Assist foot-operated control to get you out of tough spots.

What's so special about a full-time 4-wheel-drive system? Unlike other tractors out there, there are no levers to pull or buttons to push to turn on the 4-wheel-drive system in a Signature Series. Nope.

This system starts up with the turn of your ignition key and doesn't quit until you shut down for the day. Perfect to conquer the most uneven terrain in your yard.

Worried about scuffing your lawn? Don't be. The speed of each front wheel of our full-time 4-wheel-drive system is automatically adjusted for optimum performance in tight turns, the time when most scuffing occurs.

Want a drive that's more like your car? Check out our Signature Series 2-wheel-drive system. The ride is smooth and even. Just like your car.

THE DRIVE TO TAME YOUR YARD.



THERE'S ALWAYS SOMETHING TO DO AROUND THE YARD.

Productivity and versatility is key to how we run, too. That's why the Signature Series is engineered to till, mulch, haul, bag, plow, fertilize, seed, sweep and, of course, mow. You just need the right attachment or implement.

Adding a 3-pt hitch is a great place to start. Put our heavy-duty transmission and thick C-channel frame to the test and take on the toughest yard jobs. That's how we run. And nothing runs like a Deere.



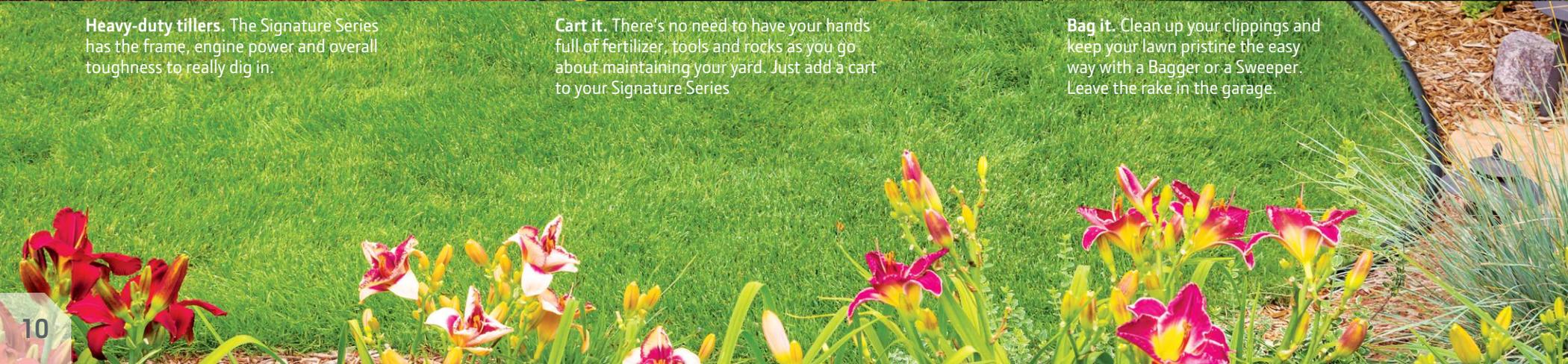
Heavy-duty tillers. The Signature Series has the frame, engine power and overall toughness to really dig in.



Cart it. There's no need to have your hands full of fertilizer, tools and rocks as you go about maintaining your yard. Just add a cart to your Signature Series



Bag it. Clean up your clippings and keep your lawn pristine the easy way with a Bagger or a Sweeper. Leave the rake in the garage.





Optional Cat 0 or Cat 1 3-point hitch. It's the first step to tilling, cultivating and blading.



Box Blade
shown with optional iMatch™ Quick-Hitch.



Rear Blade
shown with optional iMatch™ Quick-Hitch.



Blow snow with a 47- or 54-in snow blower.



LEGENDARY DURABILITY?
CHECK.



The heavy-duty frame of the Signature Series is built with the strength to handle your toughest tasks. From blading and box scraping to spraying. And, of course, mowing.

Add an optional 3-point hitch to use a landscape rake, sprayer or rotary tiller. The heavy-duty frame has been reinforced to take it. But tough doesn't start there.

Check out the shaft-driven transmission. Stronger, and able to transmit more power, Signature Series transmissions are just as rugged as the rest of the machine.

Then there is the iTorque™ Power System available on our gas models. This system combines an exclusive hood design for superior power, cooling, and durability.

All in all, you get the power and torque to handle hauling, mowing, plowing, blowing, sweeping, tilling, and anything else that needs doing. We call it engineered quality. You'll call it useful.



4 YEARS | **700** HOURS[†]
BUMPER-TO-BUMPER WARRANTY

SEE HOW WE RUN IN YOUR NECK OF THE WOODS.



Our dealers are critical to how we run. Staffed by trained, dedicated professionals, they're ready to put you in the seat of the right Signature Series for your yard and help you maintain the system for years to come.

Many of our local dealers even provide mobile maintenance services that can show up right at your doorstep. Check ups or regular maintenance, our mobile technicians are there to help.

More of a do it yourselfer? No problem. Our dealers can provide you with a Home Maintenance Kit, so you can maintain your Signature Series yourself. Most Kits include 2 quarts of oil, 1 oil filter, 1 air filter, 1 fuel filter, an air precleaner and spark plugs. All great to have on hand.

Our Signature Series Warranty.

It's one of the best in the industry. Are you really surprised? You'll get 4 years or 700 hours[†] of bumper-to-bumper warranty coverage That's a lot of mowing and worry-free ownership.

X700 Series Specifications

	X710	X730	X734 (4WS)
Power Systems			
	John Deere iTorque™	John Deere iTorque™	John Deere iTorque™
Engine Power	22 hp* (16.4 kW)	25.5 hp* (19 kW)	25.5 hp* (19 kW)
Displacement	45.5 cu in. (745 cc)	45.5 cu in. (745 cc)	45.5 cu in. (745 cc)
Cooling	Liquid	Liquid	Liquid
Cylinders	V-Twin	V-Twin	V-Twin
Fuel System			
Capacity	5.2 U.S. gal. (19.7 L)	5.2 U.S. gal. (19.7 L)	5.2 U.S. gal. (19.7 L)
Fuel Type	Gasoline	Gasoline	Gasoline
Ignition			
	Electronic	Electronic	Electronic
Electrical System	20 amp, regulated	20 amp, regulated	20 amp, regulated
Fuel Delivery System	Carburetor	EFI	EFI
Transmission			
Drive System	Hydrostatic, 2-wheel drive	Hydrostatic, 2-wheel drive	Hydrostatic, 2-wheel drive
Forward Speed	8.5 mph (13.7 km/h)	8.5 mph (13.7 km/h)	8.5 mph (13.7 km/h)
Reverse Speed	6 mph (9.7 km/h)	6 mph (9.7 km/h)	6 mph (9.7 km/h)
Brakes			
	Internal wet disc	Internal wet disc	Internal wet disc
Steering			
	Power, 2-wheel steer	Power, 2-wheel steer	Power, 4-wheel steer
Turning Radius			
	25 in. (635 mm)	25 in. (635 mm)	21 in. (533 mm)
Uncut Circle Radius			
	28 in. (711 mm)	28 in. (711 mm)	6 in. (152 mm)
Seat			
	21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle
Tires			
Front	Turf 18x8.50-8	Turf 18x8.50-8	Turf 18x7.00-8
Rear	Turf 26x12-12	Turf 26x12-12	Turf 26x10.50-12
Lift System			
	Power	Power	Power
PTO			
	Hydraulic clutch	Hydraulic clutch	Hydraulic clutch
Dimensions			
Height (Seat Height)	51.2 in. (1300 mm)	51.2 in. (1300 mm)	51.2 in. (1300 mm)
Length, Overall	75 in. (1905 mm)	75 in. (1905 mm)	75 in. (1905 mm)
Min. Storage Width (Chute Up)	62 in. (1575 mm) w/ 60-in. mower	62 in. (1575 mm) w/ 60-in. mower	57.5 in. (1461 mm) w/ 54-in. mower
Wheelbase	54.5 in. (1384 mm)	54.5 in. (1384 mm)	54.5 in. (1384 mm)
Weight, Approx.	1,083 lb (491 kg) w/ 54-in. mower	1,088 lb (494 kg) w/ 54-in. mower	1143 lb (518 kg) w/ 54-in. mower
Mower Options			
Cutting Width/Blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades
Limited Warranty*			
	4 years / 700 hours	4 years / 700 hours	4 years / 700 hours

* @ 3600 RPM engine manufacturer certified gross power tested in accordance with SAE J1995. 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.

† X700 Signature Series - 4yr/700 hours; whichever comes first. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF & UTILITY EQUIPMENT for details.

X738 (4WD)	X739 (4WD, 4WS)	X750	X754 (4WS)	X758 (4WD)
John Deere iTorque™	John Deere iTorque™	3-cylinder	3-cylinder	3-cylinder
25.5 hp* (19 kW)	25.5 hp* (19 kW)	24 hp* (18 kW)	24 hp* (18 kW)	24 hp* (18 kW)
45.5 cu in. (745 cc)	45.5 cu in. (745 cc)	60.6 cu in. (993 cc)	60.6 cu in. (993 cc)	60.6 cu in. (993 cc)
Liquid	Liquid	Liquid	Liquid	Liquid
V-Twin	V-Twin	3	3	3
5.2 U.S. gal. (19.7 L)				
Gasoline	Gasoline	Diesel	Diesel	Diesel
Electronic	Electronic	N/A	N/A	N/A
20 amp, regulated	20 amp, regulated	40 amp, regulated	40 amp, regulated	40 amp, regulated
EFI	EFI	Indirect Injection	Indirect Injection	Indirect injection
Hydrostatic, Full-time 4-wheel drive	Hydrostatic, Full-time 4-wheel drive	Hydrostatic, 2-wheel drive	Hydrostatic, 2-wheel drive	Hydrostatic, Full-time 4-wheel drive
8.5 mph (13.7 km/h)				
6 mph (9.7 km/h)				
Internal wet disc				
Power, 2-wheel steer	Power, 4-wheel steer	Power, 2-wheel steer	Power, 4-wheel steer	Power, 2-wheel steer
25 in. (635 mm)	21 in. (533 mm)	25 in. (635 mm)	21 in. (533 mm)	25 in. (635 mm)
28 in. (711 mm) w/ 60-in. HC mower	6 in. (152 mm) w/ 60-in. HC mower	28 in. (711 mm) w/ 60-in. HC mower	6 in. (152 mm) w/ 60-in. HC mower	28 in. (711 mm) w/ 60-in. HC mower
21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle	21 in. (533 mm) 2-piece adjustable back angle
Heavy-Duty All Purpose 18x8.50-10	Heavy-Duty All Purpose 18x8.50-10	Turf 18x8.50-8	Turf 18x7.00-8	Heavy-Duty All Purpose 18x8.50-10
Heavy-Duty All Purpose 26x12-12	Heavy-Duty All Purpose 26x12-12	Turf 26x12-12	Turf 26x10.50-12	Heavy-Duty All Purpose 26x12-12
Power	Power	Power	Power	Power
Hydraulic clutch				
51.2 in. (1300 mm)				
75 in. (1905 mm)				
62 in. (1575 mm) w/ 60-in. mower	57.5 in. (1461 mm) w/ 54-in. mower	62 in. (1575 mm) w/ 60-in. mower	57.5 in. (1461 mm) w/ 54-in. mower	62 in. (1575 mm) w/ 60-in. mower
55.7 in. (1415 mm)	55.7 in. (1415 mm)	54.5 in. (1384 mm)	54.5 in. (1384 mm)	55.7 in. (1415 mm)
1,178 lb (534 kg) w/ 54-in. mower	1,265 lb (574 kg) w/ 54-in. mower	1,168 lb (530 kg) w/ 54-in. mower	1,215 lb (551 kg) w/ 54-in. mower	1,258 lb (571 kg) w/ 54-in. mower
48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades	48 in. (1219 mm) 3 blades 54 in. HC (1372 mm) 3 blades 60 in. HC (1524 mm) 3 blades
4 years / 700 hours				



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JOHN DEERE

Nothing runs like a Deere.

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