

COMMERCIAL ZTRAK™ ZERO-TURN MOWERS

M and R Series Diesel



JOHN DEERE



COMPLETE YOUR FLEET

Welcome to the new era of diesel ZTrak™

John Deere diesel ZTrak mowers are built for those who demand more—more power, more productivity, more choice. With legendary YANMAR® engines, high-torque cutting performance, and commercial-grade 7-Iron™ PRO decks, these machines are made to dominate long days and tough terrain with ease.

Now, with three new additions to the diesel ZTrak lineup, you can mow more acres and cover more ground than previous models—while enjoying the freedom, comfort, and control John Deere delivers.

Joining the lineup: the Z998R, our most advanced and most versatile zero-turn mower yet; the redesigned Z997R, now upgraded with premium comfort features and smart mowing technology; and the Z997M, a reliable solution for pros who want ZTrak durability in a simplified design.



Z997M

Z998R

Z997R





One ZTrak. Years in the making.

With its all-new turbo-diesel engine, reconfigurable cutting widths, and integrated smart technology, the Z998R represents a true technological leap forward in commercial mowing. After years of field-testing prototypes and gathering operator feedback, we've refined every feature to meet the real-world demands of professionals who rely on their equipment day in and day out.

Designed to tackle more acres with more power, more precision, and more control than ever before, the Z998R isn't just another mower—it's a purpose-driven solution built for professionals like you.



MORE POWER. MORE PRODUCTIVITY. MORE CHOICE.

Z998R DIESEL

Built for precision. Powered by technology.

Ride into the future of landscaping on our most advanced zero-turn mower yet. The Z998R features a heavy-duty, 43.4-horsepower turbo-diesel engine, an all-new 100-inch (254-cm) FastBack™ PRO mower deck design, two independently operated E-Cut™ wing decks, and a patented height-of-cut system.

But we didn't stop there. Its smart powertrain system and fully upgraded operator's station are bursting with targeted technology designed to give you more control while improving your productivity and enhancing your comfort.



60, 80, 100 INCHES (152, 203, 254 CM)? THIS ZTRAK MOWS THEM ALL

Need to tackle smaller spaces? Mow with just the 60-inch (152-cm) center deck. Want to switch to an 80-inch (203-cm) cutting width? Use your steering levers to drop one wing and keep right on going. Or, lower both wings for a full 100-inch (254-cm) width and take on large terrain without stopping.

The icing on the cake? You can stop the center deck altogether and mow with just the wings. With versatility like this, there's no telling what you can accomplish.

E-Cut Wing Decks

Mow in any configuration you need to get the job done with the Z998R's two independently operated E-Cut wing decks. Each wing adds an extra 20 inches (51 cm) per side and features lift and lower speeds to save you time out on the turf.



60 IN. (152 CM)



80 IN. (203 CM)



100 IN. (254 CM)



100 IN. (254 CM)



20 IN. (51 CM)

20 IN. (51 CM)



PREMIUM FEATURES. ENHANCED SERVICEABILITY.



Air-Suspension Seat

Buckle up and prepare to tackle more turf in our smoothest-riding seat yet. A high backrest design, adjustable seat settings, and air-suspension system help decrease discomfort and strain on long mowing days—while providing the support you need to mow at faster speeds. And a flip-forward design makes serviceability a breeze.



4.3-Inch LED Color Touchscreen Display

An easy-to-read, full-color touchscreen display lets you view the PTO, parking brake, hour meter, fuel gauge, and more—while giving you access to custom machine settings and unique user profiles for owners, operators, technicians, and dealers.



Three-Button Comfort and Convenience Handles

Make quick transitions for different mowing configurations with highly responsive steering, full PTO control, center and wing deck lift control, and an integrated parking brake.



Fully Serviceable Electric Spindle Motors

This industry-first design gives you quick access to the spindles and lower housings for DIY service anywhere. A durable anodized housing offers complete protection in wet and rainy conditions. And improved blade impact resistance ensures your spindle motors can stand up to the challenge before needing to be replaced.



Simplified Height-of-Cut

We've updated our height-of-cut system, so you can make quick, tool-free adjustments on-the-go. The center deck features a simplified pin map design that can be changed from the comfort of your air-suspension seat. A convenient transport lever locks the deck at the highest setting for easier travel.



Convenient Wing Deck Adjustment

Adjust both wing decks with a convenient turn dial on the front casters and a linear pin map on the rear casters. Engraved height-of-cut markings make it easy to get the right height and increment while a magnetic locking key keeps everything in place. Choose from 1 to 5.5 inches (2.5 to 14 cm) in quarter-inch (0.6-cm) increments.

SMART POWERTRAIN SYSTEM



Drive-by-Wire Steering

Features an electronic throttle, transmission, and steering control to make maneuvering the mower even easier and more responsive.



LoadMatch™

Maintains blade tip speed and cut quality by matching the engine load to the terrain, so you get consistent cut quality no matter where you're mowing. Can be turned on and off by the operator or programmed into the operator's user profile settings.



Mow Mode Settings

Let you choose how you want the mower to run. Use Cut Quality Mode to optimize your cutting performance and aftercut appearance, Productivity Mode to maximize your mower's efficiency, and Eco Mode to reduce fuel consumption.

Z997R DIESEL

Where comfort drives performance

Experience productivity and comfort like never before with the redesigned Z997R. Its full-color, touchscreen display gives you more control over how your mower—and your operators—work. Its smart powertrain system lets you optimize cutting performance while enhancing your steering. And its premium air-suspension seat takes operator comfort to a whole new level. Consider this your get-it-done-and-then-some zero-turn mower.



IMPROVED COOLING. EASIER CLEANOUT.

Now positioned behind the seat, our upgraded cooling package is designed to direct hot air away from the operator and out the back of the machine for improved cooling performance and reduced material buildup. Includes a removable screen for quick clean out, plus easy access to the radiator, hydraulic oil cooler, and fuel cooler. Keep cool and mow on.

Also standard on Z997M and Z998R models.

NEW AND IMPROVED FEATURES



Enhanced Operator Station
4.3-Inch (11-cm) LED color touchscreen display.



Premium, All-Day Comfort
Air-suspension seat with 4-inch (10-cm) travel.



Improved Steering Levers With Three-Button Control
Puts high-use controls and more responsive steering right in your hands, so you can make quick adjustments as you mow.



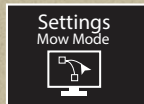
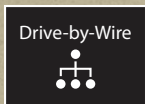
Ergonomic T-Handle ROPS
Features a quick-folding design for convenient transport and storage. Standard on Z997M, Z997R, and Z998R models.



Complete Connectivity
Equipped with a JDLink™ M Modem 4G*, so you can manage your fleet from anywhere with John Deere Operations Center™. Standard on Z997M, Z997R, and Z998R models.

*Activation required. Some additional accessories and/or components may be required. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere dealer for coverage availability.

SMART POWERTRAIN SYSTEM



KEEP SAFETY TOP OF MIND

As you explore the lineup, remember that each model has different features and slope operating limits. Choosing the right mower for the terrain is essential – not all areas are suitable for riding mowers, and understanding your machine's capabilities helps ensure safe, efficient operation.

Rollover protective structures (ROPS) are standard equipment on Z997M, Z994R, Z997R, and Z998R models.

FINISHING TOUCHES



7Iron™ PRO Side-Discharge Decks

Forged from a single sheet of seven-gauge steel and stamped under pressure for increased durability, improved airflow, and superior cut quality. Available in 60- and 72-inch (152- and 183-cm) sizes.



FastBack™ PRO Rear-Discharge Decks

Save time by mowing right to the edge with the FastBack PRO's rear-discharge design. Its unique baffling system reduces clumping and windrowing, and ensures clippings flow right onto the ground, so you stay cleaner on the job. Best for mowing school yards, parks, playgrounds, and roadsides. Available in 60- and 72-inch (152- and 183-cm) sizes.



Michelin X® TWEEL™ Turf Airless Radial Tires

With all the qualities you want in a pneumatic tire, but none of the air, you'll be saying goodbye to flats and patch kits with these smooth-riding, curb-owning, puncture-proof tires.

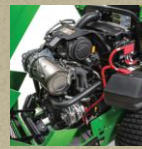
Z997M DIESEL

Everyday durability

For those who want all the power and precision of a ZTrak mower with the rugged reliability of a heavy-duty diesel engine, meet the Z997M. Its durable design, ergonomic steering, adjustable deck height, and quick access service points deliver the superior performance you need to take on tough mowing conditions, while being easy to maintain.



NEW AND IMPROVED FEATURES



37.4-HP (27.9-kW) Diesel Engine

Biodiesel (B20) compatible and Tier 4 compliant with low noise levels, great fuel economy, and a high torque reserve for plenty of power and performance.



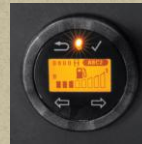
Deluxe Comfort Seat

Adjustable seat, armrests, back angle, and a ComfortGlide™ suspension provide exceptional ride comfort over bumps and uneven ground.



Comfort and Convenience Handles With Two-Button Control

Ergonomically angled control levers let you raise and lower the mower deck, disengage the mower blades, change direction, and adjust your ground speed.



Two-Inch Digital Display

Provides a quick view of your fuel gauge and hour meter.



JDLink M Modem 4G*

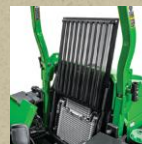
Connectivity comes in-base, so you can manage your fleet from anywhere with Operations Center.

*Activation required. Some additional accessories and/or components may be required. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere dealer for coverage availability.



Multiple Mower Deck Options

Choose from 60- and 72-inch (152- and 183-cm) 7Iron PRO Side-Discharge and 60- and 72-inch (152- and 183-cm) FastBack PRO Rear-Discharge mower decks to fit your operation.



Repositioned Cooling Package

Designed to direct hot air past the operator and out the back of the machine for improved cooling performance and reduced material buildup.

Z994R DIESEL

Efficiency in every pass

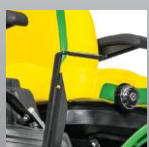
Sized just right for tight spaces, the Z994R features a 24.7-horsepower (18.4-kW) diesel engine, ground speeds up to 11.4 mph (18.3 km/h), and a ComfortGlide™ suspension seat. It's perfect for pros who need the serious, diesel-powered performance of a ZTrak in a streamlined design.

POPULAR FEATURES



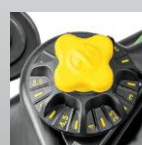
Powerful Tier 4 Diesel Engine

Features a liquid-cooled design with direct fuel injection for efficient combustion and improved starting. The steel oil cooler helps to eliminate potential fin damage from pressure washing and easily flips out for cleaning and radiator access.



Brake-N-Go System

Makes it a snap to get started: just set the parking brake and turn the key.



Adjustable Deck Height

Lets you make fast height-of-cut changes without leaving your seat. The 15-position dial adjusts between 1.5 and 5 inches (3.8 and 12.7 cm) in quarter-inch increments to match the terrain.



ComfortGlide™ Suspension

Ensures maximum comfort over uneven areas. Comes standard on all three seat options for the Z994R.



BUILT-IN CONNECTIVITY

Control at your fingertips

Experience more control over your mowers, more consistency across operators, and the freedom to optimize your operating performance like never before with our most advanced touchscreen display yet.

- Easy-to-read, 4.3-inch (11-cm) full-color touchscreen display
- Light and dark modes for better visibility in different conditions
- Optional pin code limits sub-menu access to operators
- Unique user profile access for owners, operators, technicians, and dealers
- Multi-lingual with five language options
- Customizable machine settings
- Weatherproof design

Customizable User Profiles

Ensure each of your operators mow to your exact specifications with customizable operator profiles. Set mowing and transport speeds, steering sensitivity, Mow Mode, and more for better consistency and cutting performance across your fleet. An optional PIN code lets you limit access to the home screen and prevents operators from changing machine settings.

Administrative profiles give full sub-menu access to owners, supervisors, technicians, and dealers to adjust machine settings, view diagnostic and service information, and perform factory resets.

Enhanced Diagnostics and Service Reminders

View descriptions for active and stored diagnostic trouble codes to stay on top of machine health. Use factory or custom service reminders for upcoming maintenance intervals and to schedule service ahead of time.

Available on Z997R and Z998R models.



Manage your fleet from anywhere

WITH JOHN DEERE OPERATIONS CENTER™ AND EQUIPMENT MOBILE

Boost efficiency across every job site with free access to Operations Center and the Equipment Mobile app. With these two powerful tools, you can seamlessly track equipment locations, analyze fleet productivity, monitor service intervals, and schedule maintenance right from your phone.

RUN SMARTER WITH 24/7 DATA ACCESS

- Track machine locations and performance data
- Analyze productivity across your fleet
- Monitor service intervals and plan machine maintenance
- Access parts catalogs and manuals specific to your equipment
- Get dealership support whenever you need it



ATTACHMENTS

Add-ons that go the extra acre

Some jobs are more demanding than others. No worries. Our Z900 diesel mowers can handle the extra work. Whether it's collecting clippings, carrying extra tools, or just picking up trash, make sure your ZTrak comes through like a pro with attachments designed to handle every task.

Attachments may reduce Slope Operating Limit. See Operator's Manual. Check with your dealer for attachment compatibility.

BOOST YOUR PROTECTION



Rear Brush Guard Kit

Protect the back end of your mower from bumps and scrapes with a durable rear brush guard. Its drop-down design allows for quick clean out and easy access to the engine.

*Available for R Series Diesel ZTraks.
BUC11810*



ShadePro™ Canopy

Experience over-the-top comfort with the ShadePro's large, durable canopy. An adjustable fan provides extra airflow while limiting free-flying dust, grass, and debris, so you can stay cool, even on the hottest days.

BUC11755

TACKLE TURF CLEANUP WHILE YOU MOW



Material Collection System 14 Bushel (500 L)

Clean up clippings in a single pass with three high-volume bags and a 14 bushel (500 L) total capacity. A powerful blower and large-diameter discharge chute provide smooth, clog-free transfer of material from deck to hopper. And fast, no-tool installation means you can quickly attach and detach this MCS, so you can stay productive while delivering a pristine finish.

BUC11735



Jack Kit

Easily access the underside of the mower for maintenance and blade changes in the field.

BUC11783

STAY VISIBLE IN LOW-LIGHT CONDITIONS



LED Beacon Light Kit

Securely mount this LED beacon light to the top of the ROPS and stay visible in low-light and pedestrian-heavy areas. Features a slim design to avoid damage.

BUC11406



LED Work Light Kit

These bright, front-mounting work lights provide excellent visibility in the early morning hours and well after twilight, so you can make the most of your workday. Kit includes two LED lights, mounting hardware, and installation instructions.

BUC11975

SPECIFICATIONS Commercial Diesel ZTrak™ Mowers

SERIES	M SERIES	R SERIES	R SERIES	R SERIES
MODEL	Z997M	Z994R	Z997R	Z998R
ENGINE				
Certified Horsepower	37.4 HP (27.9 kW)	24.7 HP (18.4 kW) ¹ @ 3200 RPM, PS	37.4 HP (27.9 kW)	43.4 HP (32.4 kW)
Engine Model	3TNV88C	3TNV80F	3TNV88C	3TNV86CT
Displacement	100.2 cu. in. (1.64 L)	77.3 cu. in. (1.27 L)	100.2 cu. in. (1.64 L)	95.68 cu. in. (1.57 L)
Cylinders	Three	Three	Three	Three
Oil Filter	Full flow, replaceable, spin-on type	Full flow, replaceable, spin-on type	Full flow, replaceable, spin-on type	Full flow, replaceable, spin-on type
Lubrication	Full pressure	Full pressure	Full pressure	Full pressure
Cooling	Liquid	Liquid	Liquid	Liquid
Air Cleaner	Heavy-duty canister, dry type with safety element	Heavy-duty canister, dry type with safety element	Heavy-duty canister, dry type with safety element	Heavy-duty canister, dry type with safety element
FUEL SYSTEM				
Fuel Type	Diesel or Biodiesel (up to B20)	Diesel or Biodiesel (up to B20)	Diesel or Biodiesel (up to B20)	Diesel or Biodiesel (up to B20)
Fuel Tank Capacity	12 U.S. gal. (45.4 L)	11.5 U.S. gal. (43.5 L)	12 U.S. gal. (45.4 L)	12 U.S. gal. (45.4 L)
ELECTRICAL SYSTEM				
Charge System	150 amp	75 amp	150 amp	150 amp
Battery Voltage	12 volt	12 volt	12 volt	12 volt
Hour Meter	Digital multi-function display	Digital multi-function display	Digital multi-function display	Digital multi-function display
DRIVETRAIN				
Hydraulic Pumps	Kanzaki dual-unitized pumps	Kanzaki dual-unitized pumps	Kanzaki dual-unitized pumps	Kanzaki dual-unitized pumps
Wheel Motors	Hydro-Gear HGM18L 17.84 in. ³ /rev	Parker Ross TG0310	Hydro-Gear HGM18L 17.84 in. ³ /rev	Hydro-Gear HGM18L 17.84 in. ³ /rev
Hydraulic Capacity	6.3 U.S. gal. (24 L)	5.9 U.S. gal. (5.6 L)	6.3 U.S. gal. (24 L)	6.3 U.S. gal. (24 L)
Travel Speed Forward	0-12 mph (0-19 km/h)	0-11.4 mph (0-18.3 km/h)	0-12 mph (0-19 km/h)	0-12 mph (0-19 km/h)
Travel Speed Reverse	0-5 mph (0-8 km/h)	0-4.5 mph (0-7.2 km/h)	0-5 mph (0-8 km/h)	0-5 mph (0-8 km/h)
PTO				
Type	Internal wet multi-disk modulated clutch	Electric clutch	Internal wet multi-disk modulated clutch	Internal wet multi-disk modulated clutch
Drive	Telescoping PTO shaft	V-belt	Telescoping PTO shaft	Telescoping PTO shaft
BRAKES				
Park Brake	Integrated internal wet disk	Integrated internal wet disk	Integrated internal wet disk	Integrated internal wet disk
Park Brake Actuation	Integrated into steering lever	Foot brake	Integrated into steering lever	Integrated into steering lever
OPERATOR'S STATION				
Steering Controls	Mechanical Comfort & Convenience two-button	Mechanical Comfort & Convenience two-button	Drive-by-Wire electronic enhanced three-button	Drive-by-Wire electronic enhanced three-button
Display Interface	2-in. round digital	2-in. round digital	4.3-in. LED color touchscreen	4.3-in. LED color touchscreen
Seat	Mechanical suspension	Mechanical suspension	Premium air-suspension seat	Premium air-suspension seat
Connectivity	JDLink M Modem 4G	N/A	JDLink M Modem 4G	JDLink M Modem 4G
MOWER DECKS				
7Iron™ PRO Side-Discharge Deck	60 in. (152 cm), 72 in. (183 cm)	60 in. (152 cm), 72 in. (183 cm)	60 in. (152 cm), 72 in. (183 cm)	N/A
7Iron™ PRO Mulch On Demand™ Deck	N/A	60 in. (152 cm)	N/A	N/A
FastBack™ PRO Rear-Discharge Deck	60 in. (152 cm), 72 in. (183 cm)	60 in. (152 cm), 72 in. (183 cm)	60 in. (152 cm), 72 in. (183 cm)	100-in. (254-cm) E-Cut™ wing deck
Spindle Housing	8-in. (20.3-cm) cast iron	8-in. (20.3-cm) cast iron	8-in. (20.3-cm) cast iron	8-in. (20.3-cm) cast iron (center deck); 8-in. (20.3-cm) serviceable cast aluminum (E-Cut wing deck)
Height-of-Cut Range; Increment	1.0-5.5 in. (2.5-14 cm); 0.25 in. (0.6 cm)	1.5-5.0 in. (4-13 cm); 0.25 in. (0.6 cm)	1.0-5.5 in. (2.5-14 cm); 0.25 in. (0.6 cm)	1.0-5.5 in. (2.5-14 cm); 0.25 in. (0.6 cm)
BLADES				
Tip Speed	7Iron PRO: approx. 18,000 fpm; FastBack PRO: approx. 16,000 fpm	7Iron PRO: approx. 16,500 fpm; 60-in. (152-cm) FastBack PRO: approx. 15,000 fpm 72-in. (183-cm) FastBack PRO: approx. 17,000 fpm	7Iron PRO: approx. 18,000 fpm; FastBack PRO: approx. 16,000 fpm	7Iron PRO: approx. 18,000 fpm; FastBack PRO: approx. 16,500 fpm
Number	Three	Three	Three	Five
WHEELS AND TIRES				
Drive (Rear) Tires	26x12-12 4-ply turf; Optional 26x12-12 TWEEL Turf	24x12-12 Turf; Optional 24x12-12 X TWEEL Turf	26x12-12 4-ply turf; Optional 26x12-12 TWEEL Turf	26x14-12 4-ply turf
Caster Wheel Type	15x6.0-6 semi-pneumatic	13x6.5-6 flat free	15x6.0-6 semi-pneumatic	15x6.0-6 semi-pneumatic
DIMENSIONS				
Overall Length	102.6 in. (260.6 cm)	89 in. (225 cm)	102.6 in. (260.6 cm)	106.5 in. (270.5 cm)
Overall Width (Chute Down)	74, 86 in. (188, 218 cm); rear discharge: 64, 76 in. (161, 193 cm)	74, 86 in. (188, 218 cm); rear discharge: 64, 76 in. (161, 193 cm)	74, 86 in. (188, 218 cm); rear discharge: 64, 76 in. (161, 193 cm)	Two wings down: 105 in. (266 cm) One wing down: 90 in. (229 cm) Transport/folded: 76 in. (193 cm)
Height	77.25 in. (196.2 cm) with ROPS up; 50.9 in. (129.4 cm) with ROPS down	73 in. (185 cm) with ROPS up; 47 in. (119 cm) with ROPS down	77.25 in. (196.2 cm) with ROPS up; 50.9 in. (129.4 cm) with ROPS down	77.25 in. (196.2 cm) with ROPS up; 50.9 in. (129.4 cm) with ROPS down
Weight (with Fluids)	2175 lb. (987 kg)	1711 to 1810 lb. (776 to 821 kg)	2248 lb. (1020 kg)	2925 lb. (1327 kg)
ROLLOVER PROTECTIVE STRUCTURE (ROPS)				
Folding ROPS (ISO 21299-2009)	Yes	Yes	Yes	Yes
SLOPE OPERATING LIMIT				
Z900 Slope Operating Limit ²	17 degrees	17 degrees	17 degrees	17 degrees
WARRANTY³				
Duration	36 months or 1500 hours, whichever comes first. No hour limitation for the first 24 months.	36 months or 1500 hours, whichever comes first. No hour limitation for the first 24 months.	36 months or 1500 hours, whichever comes first. No hour limitation for the first 24 months.	36 months or 1500 hours, whichever comes first. No hour limitation for the first 24 months.

¹Engine HP at Gross SAE J1995, PS, rated at 3200 RPM [Z994R - displacement 77.3 cu. in. (1.27 L)].

²Attachments may reduce the slope operating limit. See Operator's Manual.

³Hour and/or usage limitations apply and vary by model. See the WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT at dealer for details.



Looking to maintain your fleet? *Shop.Deere.com*⁴ has you covered.

Buy parts from your dealer online, pickup in-store, or ship to your home.

⁴Coverage varies across Canada. Consult your John Deere dealer for details.

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