



2019 LAZER Z[®] DIESEL





PREMIUM DIESEL PERFORMANCE. MAXIMUM COMFORT AND PRODUCTIVITY. LEGENDARY DURABILITY.

DURABILITY

LAZER Z LEGENDARY DURABILITY

Our engineers have designed the Lazer Z Diesel to have the legendary durability you would expect from an Exmark® zero-turn mower. The combination of the proven drive system, robust engine power and heavy-duty frame make the Lazer Z Diesel a machine landscape pros can rely on even in the toughest mowing conditions.



POWERFUL ENGINE

Utilizing Yanmar's leading-edge, diesel technology—these mowers feature a 1.3- or 1.6-liter, liquid-cooled engine that delivers maximum power, fuel efficiency and quiet performance. This advanced technology protects the environment and clears Tier 4 emission regulations—complying with industry standards.



PROVEN DRIVE SYSTEM

For precise and smooth controllability, the Lazer Z Diesel is equipped with a Kanzaki KPS-18T transmission and twin Hydro-Gear® HGM-H motors. The transmission features a single spin-on oil filter, integrated wet PTO clutch and auxiliary pump for the standard hydraulic deck lift.



HEAVY-DUTY FRAME

With technology learned from the gas-powered Lazer Z family, the diesel models have a heavy-duty, front and rear frame. This fully reinforced tubular frame design is welded for maximum strength and durability.

COMFORT

IMPROVED OPERATOR COMFORT

The new Lazer Z Diesel machines include a number of technologies designed to increase operator comfort through reduced exposure to bumps and vibration. Isolation mounts under the seat base, footrest and within the motion control system, provide three-dimensional isolation from vibration transmitted through the mower frame. The full-suspension operator seat features Exmark's scissor link ball-bearing suspension system, Elastomeric Vibration Control (EVC) stretch fabric base and custom seat cushion foam for all-day operator comfort. Operator comfort is critical to productivity. That's why we've worked so hard to reduce noise and vibration, and placed the operator seat in full suspension on ISO mounts—so you can go for hours.

FEATURES

- 1 Full Suspension Seat
- 2 Hydraulic Deck Lift
- 3 Isolated Toe Board
- 4 Motion Control Isolation
- 5 Seat Isolation
- 6 Transmission, directly coupled to the engine, dampens high-frequency vibrations
- 7 Engine & transmission mounted with rubber isolators to reduce vibration



For a variety of reasons, the redesigned diesel-powered Lazer Z mowers may be the right choice for your cutting needs. They make quick work of the largest, toughest jobs and raise the bar for cut quality, operator comfort, fuel efficiency and ease of handling. Our large 96-inch flex wing deck is capable of mowing more than 9.5-acres per hour,* making it the most productive mower Exmark has ever built.



IMPROVED HANDLING

The engine and radiator have been placed lower to the ground in the redesigned Lazer Z Diesel. This provides an even lower center of gravity leading to improved traction and a smoother ride.



REDUCED MAINTENANCE AND SERVICE

With an efficient and robust powertrain system, in addition to eliminating drive belts, these machines have less maintenance and longer service intervals. And the tool-less belt access and removable floor pan makes servicing easy.



FUEL CAPACITY

For longer work intervals, the Lazer Z Diesel has a 12-gallon capacity with two tanks. This will keep you mowing longer with fewer fill-ups.



HYDRAULIC DECK LIFT

Standard on all diesel units, the hydraulic deck lift provides for easy cutting height adjustment and quick transport.



TIRE SIZE/GROUND SPEED

The 26 x 12-12 drive tires allow you to reach speeds up to 12.5 mph on machines equipped with the 1.6-liter Common Rail engine. The large drive tires also provide superior traction and handling, giving you the ability to manage diverse terrain and conditions.



PRODUCTIVITY

The robust engine power and large deck sizes make these mowers Exmark's most productive diesel machines ever. They are a great solution for universities, municipalities and other sizeable properties.



ON-BOARD INTELLIGENCE

The next-generation RED leverages the latest technologies to deliver increased machine efficiency, ease of use and durability. This technology provides users an increased ability to control mower power and efficiency with defined performance modes.



LEADING ZERO-TURN. STRONG WARRANTY.

Purchase an Exmark Lazer Z Diesel mower with confidence by taking advantage of the protection Exmark provides for you with our five-year limited warranty. Now standard on all Exmark Lazer Z Diesel mowers sold in the U.S. or Canada. For complete details, visit exmark.com or your local dealer.

ULTRACUT™ CUTTING DECKS

When it comes to durability, Exmark’s UltraCut decks are among the strongest in the industry and set the standard for productivity and quality of cut. The Lazer Z Diesel models are available with the option of an UltraCut Series 4, Rear Discharge or 96-inch Rear Discharge with flex wings. These UltraCut decks all have a 5.5-inch deep design, formed and welded from high-strength steel to provide superior strength and durability. The UltraCut decks have a patented spherical bearing design on the idler arm pivots that requires only annual greasing. They are all designed with sealed, maintenance-free spindle assemblies to eliminate maintenance and reduce downtime.

Our UltraCut mowing systems are the ultimate in a floating deck for efficiency, quality of cut and rugged durability. Regardless of which one you choose, your mower will deliver the cut quality, durability and longevity you expect from Exmark.



Shown in transport mode with wings up

ULTRACUT REAR DISCHARGE WITH FLEX WINGS

Welded 7-gauge, high-strength low alloy steel deck shell • Four matching blades • Wings flex 20-degrees up and 15-degrees down • Wings fold-up for easy transport and trailering, for a reduced total width of 74 inches • Durable through-axle anti-scalp rollers • Compression molded, ultra-high molecular weight side bumper • Maintenance-free, sealed and non-greasable spindles with dual, double-row ball bearings • 13 coned anti-scalp rollers • Available in 96" deck size



ULTRACUT REAR DISCHARGE

- Welded 7-gauge, high-strength low alloy steel deck shell
- Maintenance-free, sealed and non-greasable spindles with dual, double-row ball bearings
- Counter-rotating blade provides even clipping dispersion
- Durable through-axle anti-scalp rollers
- Compression molded, ultra-high molecular weight side bumper
- Available in 72" deck size

ULTRACUT SIDE DISCHARGE

- Three large, formed-and-welded, 7-gauge steel reinforcement rings
- Flow control baffles
- Maintenance-free, sealed and non-greasable spindles with dual, double-row ball bearings
- Patented spherical bearing design on idler arm pivots requires only annual greasing
- Coned anti-scalp rollers
- Available in 60" or 72" deck size

UltraCut Deck Comparison	Side Discharge	Rear Discharge	Rear Discharge w/ Flex Wing
Bag	✓		
Mulch	✓	✓	✓
Deck Depth	5.5"	5.5"	5.5"
Cutter Housing	7.75"	7.75"	7.75"
Spindle Shaft	25mm	25mm	25mm

ENGINES



Yanmar® 3TNV80FT 1.3-Liter Turbo
with RED Technology

Yanmar 3TNV88C 1.6-Liter Common Rail
with RED Technology

DECK SIZE

Full-Floating UltraCut Series 4 (60"/72")
Full-Floating UltraCut Rear Discharge Deck (72")
Full-Floating UltraCut Rear Discharge w/ FlexWings (96")

DECK STYLE

Full-Floating Fabricated

CUTTING HEIGHT

1.0" to 5.5" in 0.25" increments

HYDRO-DRIVE SYSTEM

Kanzaki KPS-18T

SPEED

Up to 11.0 mph (1.3 Liter)
Up to 12.5 mph (1.6 Liter)

FUEL CAPACITY

12.0 Gallons

SEAT COMFORT

Premium Suspension w/ Seat Isolation System

FEATURES

RED Technology Equipped
Hydraulic Deck Lift

FRONT CASTERS

15 x 6.0–6 Semi-Pneumatic

DRIVE TIRES

26 x 12–12

WARRANTY
For complete details, visit
exmark.com or your local dealer

LAZER Z DIESEL



FINISH CUT BAFFLES



MICRO-MULCH SYSTEM



SUN SHADE



ULTRAVAC™
COLLECTION SYSTEMS

Also Available:
Anti-Scalp Roller Kit, Hitch Kit,
Jack, Jack Mount Receiver,
Trash Container, Light Kit, Slow
Moving Sign, Operator Control
Discharge, Rear Guard, Turf
Striping Kit and White Non-
Marking Side Bumper

Accessories may not fit each
mower model. Please visit
exmark.com or check with your
local dealer on accessory fit-up
for each model.



ENGINEERED BY US.
TRUSTED BY LANDSCAPE PROS.
READY TO WORK FOR YOU.



For nearly three-and-a-half decades, Exmark® has been synonymous with the world's most technologically advanced, durable, comfortable and low-maintenance turf care equipment. These are just a few of the reasons why top landscape pros trust Exmark 2-to-1 over the next best-selling brand of zero-turn mowers,* time and again relying on our products to create unmatched results and profit potential. Whether you're a pro, or a homeowner with a lot of lawn to beautify, striving to gain more time for life's most important moments is an aspiration that's shared by everyone—and we strive to make that a reality for you.

LANDSCAPE PROS TRUST EXMARK
2-TO-1 OVER THE NEXT BEST-SELLING
BRAND OF ZERO-TURN MOWERS.

*Based on U.S. Data study by Wiese Research Associates, Inc. Market Share and Additional Equipment Study (February 2016).

WALK-BEHINDS

When designing and building our walk-behind mowers, we did our homework. We packed more technology and performance into each mower. Our mowers deliver precise lawn trimming with versatile handling and reliable quality.

COMMERCIAL 21
S-Series
X-Series

COMMERCIAL 30

METRO®
• Pistol Grip & ECS Controls

VIKING®
• ECS Controls

TURFTRACER®
S-Series
• ECS Controls
• Propane
X-Series
• ECS Controls
• Propane

ZERO-TURN RIDERS

We set our bar high so that you can get the best value from a zero-turn mower that is high-performing, ergonomic and easy to maintain.

QUEST®
E-Series
S-Series

RADIUS®
E-Series
S-Series
• Suspension Platform
X-Series

LAZER Z®
E-Series
• Suspension Platform
• Rear Discharge
S-Series
• Propane
• Smart Controller
• RED Technology
X-Series
• Suspension Platform
• Rear Discharge
• RED Technology

LAZER Z DIESEL
• Side Discharge
• Rear Discharge
• Rear Discharge with Flex Wings
• RED Technology

NAVIGATOR®
• Dedicated Bagger

TURF MANAGEMENT

There's more to lawn care than just mowing. You can also aerate, seed, dethatch and sweep to keep your lawn looking its best. Our landscaping equipment is everything you need to perform the most advanced turf renovation and maintenance services.

SLICER SEEDER

AERATOR
21" Walk-Behind
24" Stand-On
30" Stand-On

ROTARY BROOM

**SPREADER-
SPRAYER**

STAND-ON

The all-new Staris stand-on zero-turn rider raises the bar for stability, ease of use and operator comfort, with the commercial performance, productivity and durability Exmark customers expect.

STARIS®
E-Series
S-Series



THE ONLY PARTS WORTHY OF BEARING OUR NAME.



PARTS PLUS

IT'S OVERNIGHT—OR FREE

If we don't have the Exmark part that you need in stock, we'll get the part and have it available to you on the next business day, or it's on us.*



PERFORMANCE PRODUCTS

Each specially formulated to maximize the performance and life of our hard-working engines.



GO ORIGINAL

Only Exmark has the expertise and know-how to provide the right parts specifically designed for your machine.

EXMARK MFG. CO., INC.

2101 Ashland Avenue | Beatrice, NE 68310 | Call 402.223.6300 | Fax 402.223.6384 | www.exmark.com    

***Parts Plus:** Restrictions apply; please contact your Exmark dealer for further details. Dealer participation is optional. Program not available in Hawaii and Canada.

Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. We reserve the right to improve our products and make changes in specifications, designs and standard equipment without notice and without incurring obligation. For additional product information including operation manuals, safety materials and warranty details, please visit www.exmark.com or see your dealer for complete details.

Many manufacturers use 100% efficiency ratings for sale purposes. Exmark believes an 80% efficiency rating is more representative of actual mowing conditions, as it allows for turns and

overlapping. Formulas for calculating acres per hour: **100% efficiency:** MPH x width of cut ÷ 99 = acres per hour | **80% efficiency:** MPH x width of cut ÷ 124 = acres per hour

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