



RADIUS® S-SERIES

LOW MAINTENANCE. COMMERCIAL DURABILITY. SIMPLE OPERATION.

FEATURES

UltraCut™ Deck

Side Discharge: 48 | 52 | 60

Rear Discharge: 60

Commercial-Grade Engines

Kawasaki®

Easy to Service

Toolless removable floor pan and belt shields

Full-Suspension Seating System

Standard on S-Series

Standard Integrated Tow Hitch

Allows for quick attachment of light implements and carts with an 80-pound capacity



EASY TO SERVICE

Operators can easily access the top side of the cutting deck, belts and spindles with the toolless, removable floor pan and belt shields. The welded jack receiver also allows quick access to the underside of the deck when combined with the optional jack.



COMMERCIAL-GRADE ENGINES

All Radius models come with commercial-grade engines. The S-Series models feature heavy-duty, canister-style air filtration systems for extended filter and engine life.

TOP ACCESSORIES

- Engine Maintenance Kit
- LED Light Kit
- Micro-Mulch System
- Operator Controlled Discharge
- Sun Shade
- Trash Container
- Turf Striping Kit
- UltraVac Collection Systems

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

The commercial mowers more landscape pros trust.

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RADIUS S-SERIES

MODEL	ENGINE	SIZE	DECK	WEIGHT	DIMENSIONS (W X H X L)
RAS651GKA48CA3	FX651V Kawasaki V-Twin	48"	UltraCut Series 3	903 lbs.	59.5" x 70.2" x 81.7"
RAS691GKA523A3	FX691V Kawasaki V-Twin	52"	UltraCut Series 3	923 lbs.	64.3" x 70.2" x 81.7"
RAS730GKA603A3	FX730V Kawasaki V-Twin	60"	UltraCut Series 3	973 lbs.	72.3" x 70.2" x 82.2"
RAS730GKA60RA3	FX730V Kawasaki V-Twin	60"	UltraCut Rear Discharge	1044 lbs.	66.0" x 70.2" x 84.3"



Side Discharge

POWER COMPONENTS

Engine – FX651V, FX691V and FX730V Kawasaki engines; governed to 3,700 rpm.
Air Filter – Heavy-duty canister air filtration system.
Drive System – Dual Hydro-Gear ZT-3100 on side-discharge units. Dual Hydro Gear ZT-3400 on rear discharge unit. Hydrostatic transmission with charge pumps, relief valves and spin-on filter.
Hydro Fluid – Exmark Premium Hydro Oil.
Speed – Infinitely variable speed selection from 0–9.0 mph (14.5 kmph) forward, 0–5.0 mph (8.0 kmph) reverse.
PTO Engagement – MagStop electromagnetic 125-ft-lb clutch.
Fuel Capacity – 7-gallon (26.5-L) single fuel tank with single fill location.
Drive-Wheel Release – Allows unit movement without engine running.
Safety Package – Operator Presence Controls (OPC) and drive system interlock, with safety interlock system indicators.

Rollover Protection System (ROPS) – 2-post foldable ROPS standard with seat belt and latch.
Deck Lift – Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in transport position.

DECK

Style – Full-floating 5.0"-deep UltraCut™ Series 3. Side-discharge standard with molded discharge chute and option to bag or mulch. Rear discharge decks have UltraCut Rear Discharge cutting deck with option to mulch.
Deck Construction – 10-gauge top that is formed and continuously seam welded and 7-gauge side skirt on all units. Adjustable, anti-scalp rollers.
Widths Available – 48" (122 cm) 52" (132 cm) and 60" (152 cm).
Cutting Height – 1.5" (3.8 cm) to 5.0" (12.7 cm) in 0.25" (.6 cm) increments, adjustable from operator seat.
Blade Spindles – No maintenance, sealed and non-greasable spindles; 7.30"-diameter cutter housing contains 17mm (.67") diameter spindle shaft and hex blade drive on side-discharge. 7.75"-diameter cutter housing with 25mm- (.98") diameter spindle shaft and splined blade driver on rear-discharge.
Blade-Tip Speed – Approximately 18,500 fpm.

EQUIPMENT

Tractor Frame – Unibody, welded, heavy-duty 2" X 3" rectangular tubular steel.
Steering and Motion Control – Hydraulically dampened twin levers, adjustable both fore and aft. Levers are also adjustable to 2-height positions.
Casters – 0.375"-thick caster yoke arms.
Front Caster Tires – 13 x 6.5–6, smooth tread, pneumatic.
Drive Tires – 23 x 9.5–12 on 48" & 52" models. 23 x 10.5–12 on 60" models.
Turning Radius – True zero-turn.
Parking Brake – Lever-actuated pawl brake.
Seat Comfort – High back seat with foam padded seat cushion, armrests and integral safety switch.
Electrical – 12-volt battery with 15-amp alternator.
Standard Features – Engine hour meter, cup holder, tow hitch and jack receiver.

ACCESSORIES & OPTIONS

12-Volt Power Adapter, Bucket Mount Kit, Bucket Mount & 5-Gallon Bucket klt, Engine Maintenance Kit, Equipment Cover, Extended Drive Lever Kit, Hydro Maintenance Kit, Jack, Light Kit - LED, Seat Cover, Semi-Pneumatic Tire Assembly, Sun Shade and Trash Container
Side Discharge Only: 2-Bag Collection System - Powered, 3-Bushel Bagger, Micro-Mulch System, Operator Controlled Discharge, Turf Striping Kit and UltraVac Collection Systems
Rear Discharge Only: Anti-Scalp and Side Wear Bar Kit, Finish Cut Baffles and White Non-Marking Side Bumper
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WARRANTY

Limited Warranty: 4-Year or 750 Hours, includes engine



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¹ 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.

² For complete details, visit exmark.com or your local dealer.

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