

COMMERCIAL QUIKTRAK™ MOWERS

E Series, M Series, R Series



JOHN DEERE

INTRODUCING
THE NEW STANDARD IN MOWING.



Q800

EMR SERIES

Welcome to The New Standard

There's a new standard in stand-on mowers. John Deere Q800 Series QuikTrak™ Stand-On Mowers are totally redesigned from the ground up. They're easy to operate, easy to maintain, and seriously productive. For landscapers like you, these QuikTraks™ are game changers. It's time to take a stand for superior maneuverability.

● EASY TO OPERATE



It starts with ergonomic design that aligns you with the machine on hillsides and other challenging terrain. Add a larger platform with suspension and intuitive controls so you can get on and off the equipment easily. Comfort features like adjustable foot holds make you want to keep mowing. Use the onboard mesh storage bin to stow and go. Just like that.

● EASY TO MAINTAIN



The updated display panel keeps you current on key maintenance indicators. Check the oil? Just pull off the leaning pad. Change the battery? Open the engine guard for direct engine access so you can keep your QuikTrak™ running strong. At the end of a long day mowing, grab a hose and clean up fast, the way it should be.

● SERIOUSLY PRODUCTIVE



These new QuikTraks™ feature an impressive range of horsepower options and 48-, 54-, and 60-inch 7Iron™ PRO mower decks. Larger drive tires (up to 24-inches) for better traction and curb clearance. Power up and mow all day with 12-gallon (45.4 L) fuel capacity. Twin low-profile six-gallon fuel tanks draw equally from each side for better stability and visibility.



E SERIES



M SERIES



R SERIES

QUIKTRAK™ M&R SERIES

7Iron™ PRO decks

Superior cut quality and durability. Designed for easy blade changes and cleanout. Anti-scalping wheels and trim bumper to help protect property and mower.

Engine

Higher horsepower offerings in both M and R series including 27-hp & 34.5-hp EFI options.

Large, Low-Profile Fuel Tanks

12-gallons (45.4L) of fuel for all-day mowing. Optimum stability and visibility with twin low-profile, six-gallon tanks that draw fuel equally.

Mesh Storage Bin

Handy and smart. Stow belongings or secure debris and trash.

Display

Easy to read control layout with multiple machine indicators.

Operator Station

Operator position behind the axle for more stable hillside mowing.

Serviceability

Engine guard opens for easy engine access. Remove leaning pad and lower panel without tools to access key service points.

SUPERIOR WARRANTIES

E and M Series: 36 months or 1200 hours, whichever comes first; First 24 months, no hour limitation.

R Series: 36 months or 1500 hours, whichever comes first; First 24 months, no hour limitation.

Front Tires

13-inch front casters provide improved curb climbing capabilities.

Height of Cut

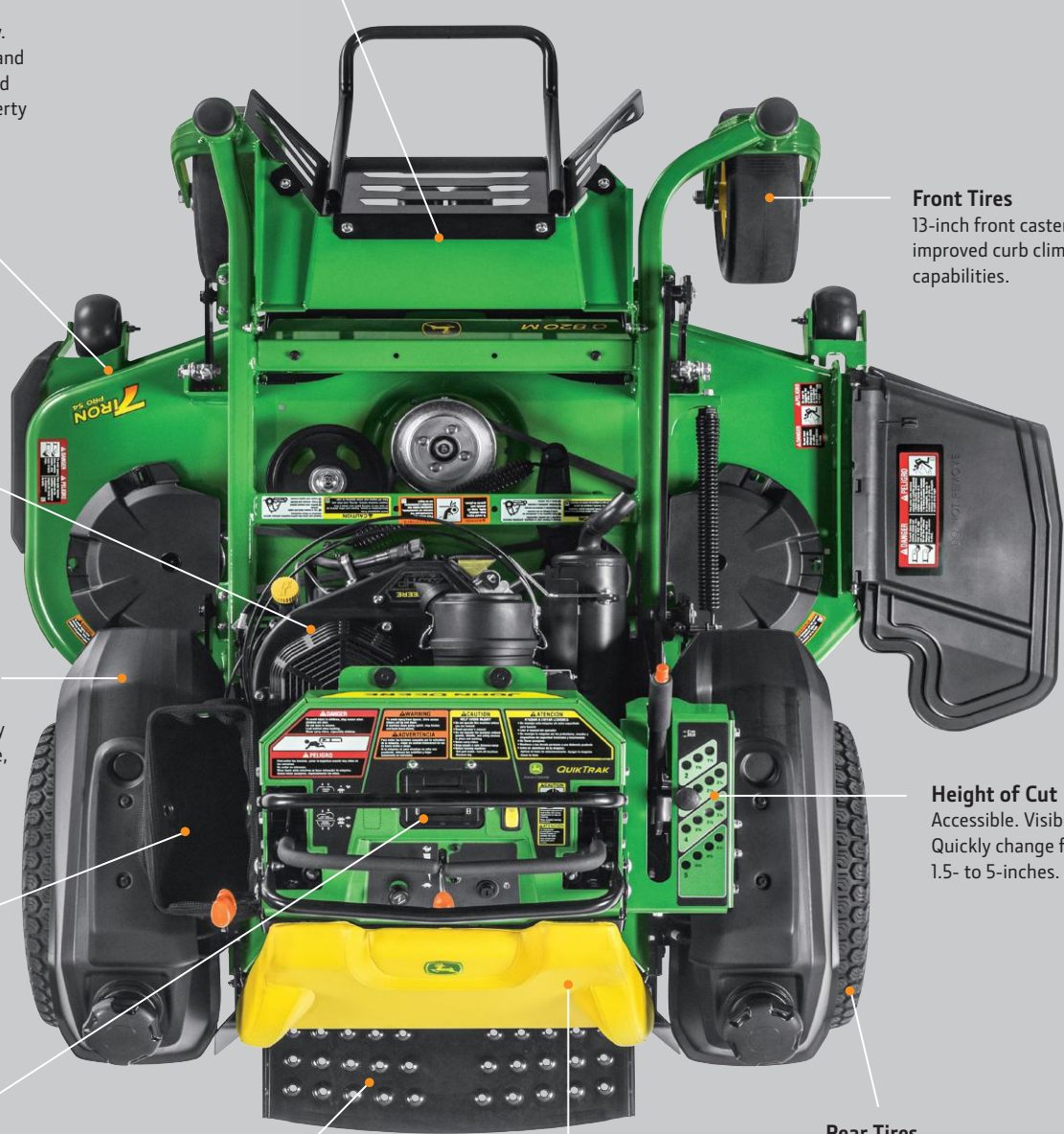
Accessible. Visible. Quickly change from 1.5- to 5-inches.

Rear Tires

Up to 24-inch drive tires providing better traction and curb clearance. MICHELIN® X™ TWEEL® TURF Airless Radial Tire options available to eliminate flats and downtime.

Extra Operator Comfort Features

Operator is positioned for better traction in various terrains. Platform folds up to save space



The QuikTrak™ legacy continues with the E Series.

The Q820E easily maneuvers around trees and landscape beds, while the compact design of the Q810E is ideal for tight spaces like gates. The nimble E's run with purpose and load up with ease, leaving plenty of room on the trailer for more equipment.



Q820E

Greater Maneuverability The one you want for getting in and around raised landscaping or under trees with precision and ease.



Q810E

Tight Spaces Solution. Got gates? Drive the Q810E off the trailer and make an entrance. This compact QuikTrak™ has all the right moves in smaller spaces.



Q810E

36-inch Mower Deck (91.4 cm)
The 36-inch fabricated deck on the Q810E is made of tough, 7-gauge steel for the rigors of commercial mowing. It masters tight mowing areas with precision and agility.



QuikTraks™ are Key to THE BIG 3. What's in your fleet and on your landscape trucks can make all the difference in productivity. We call this mowing equipment sweet spot **The Big Three**. Load up with the John Deere Walk-Behind mower, ZTrak™ Zero-Turn mower, and QuikTrak™ Stand-On Mower for success on every job.



E is for Easy E Series QuikTraks™ make easy work of hard-to-mow spaces: narrow strips, tight corners, walled and fenced areas, and raised landscape beds. Add a grass catcher for easy cleanup.

FEATURES



Belt Cover Design

The redesigned belt cover needs no tools for removal and makes it easy to clean out whenever it's needed.



Single Belt Drive System

E Series QuikTraks™ are upgraded to a single belt design for easier servicing. (belt covers removed for visibility)



High Lift Blades

These 48-, 54-, and 60-inch blades provide a more precise cut and improved dispersion of material when mowing at faster speeds and in taller grass. They also minimize striping.



Handy QR Code

Scan the QR code on the back of each machine for fast access to Operator's Manual, Parts Catalog, and scheduled maintenance guides.

The new standard in stand-on mowing begins with the M Series.

The all-new M Series QuikTraks™ are made for maximum efficiency. We see how the stand-on mower category is growing – and we raise it for you. For multiple terrains. For all-day mowing. The M's are a fleet favorite.



FEATURES



Display Panel

Keep current with vehicle hours, fuel, engine speed, and indicators for battery, PTO, oil pressure, and park brake.



Height of Cut

Customize your cut on every job with quick, easy height-of-cut changes, from 1.5- to 5-inches.



Leaning Pad

Lean into the bolstered leaning pad for stability and comfort. Marine-grade material is ultra-durable and easy to clean.



Large, Low-Profile Fuel Tanks

Mow all day without refueling. Twin six-gallon (22.7 L) low-profile tanks draw equally from each side for better stability and visibility.



Q820M

Versatility rules with the Q820M, which offers 48-, 54-, or 60-inch 7Iron™ PRO mower deck sizes. Stand comfortably with the wider platform and bolstered leaning pad. Low-profile fuel tanks provide more visibility, while user-friendly operator controls make getting on and off the machine easier than ever. Pick up debris, climb back on and keep mowing at up to 10 mph (16.1 km/h).



7IRON™ Mower Decks

Superior cut quality. Easy blade changes. 48-, 54-, and 60-inch options.



Easy Maintenance

Designed for quick access to key maintenance points for easy servicing and cleanup.



Q850M

Run with a gutsy 27 horsepower engine on the Q850M and keep mowing with 12 gallons (45.4 L) of fuel on board. With the power to take on uneven, thick, or hilly terrain, you also have a large 54- or 60-inch 7Iron™ PRO mower deck for the highest-quality cut. This QuikTrak™ is easy to operate and more stable and comfortable than any other stand-on mower you've tried.

(Model shown with optional 22-in. Michelin®X®Tweel®Turf Airless Radial Tires)



MICHELIN®X® TWEEL® TURF Airless Radial Tires

Say goodbye to flats, patch kits, and downtime. Run three times longer than with pneumatic tires.



The Total Package. This is the R Series.

The all-new R Series may be the most productive machine you've ever owned. Powerful and so comfortable, these are the ultimate QuikTraks™ – the ones your crew can't wait to run with.



OPERATOR POSITION

Unlike other stand-on mowers, these QuikTraks™ place you on a slightly forward pitch, directly over the machine's center of rotation. As you mow, you're more stable and your controls are comfortably in reach.

FEATURES



Operator Station

Ergonomically designed so that all your controls are in easy reach, the operator station feels like a cockpit. The display panel keeps you informed of nine key machine indicators.



Higher Horsepower Engines

Higher horsepower offerings in both M and R series including 27-hp & 34.5-hp EFI options.



Integrated Hydrostatic Transmission

Delivers higher ground speed reaching up to 12mph (19.3km/h). Reduces leak points, improves reliability.



Mesh Storage Bin

Handy and smart. Stow belongings or secure debris and trash.

Q865R EFI

The 865R EFI QuikTrak™ brings a fuel-injected 34.5 horsepower V-twin engine that is the most powerful stand-on mower in the John Deere stand-on mower lineup. With 12 mph (19.3 km/h) mowing speed and 60-inch 7Iron™ PRO mowing deck, there's no doubt about it. For hillside mowing and challenging terrain, this is the one.



Your complete comfort, power, and productivity solution, the Q850R brings it all to the turf. Run with a 27-horsepower engine and choice of 54- or 60-inch 7Iron™ PRO mower deck. The comfortable spring-board platform folds up to save trailer space, while the rubber mat, and foot holds save your legs and feet on long mowing days.

(Model shown with optional 24-in. Michelin® X® Tweel® Turf Airless Radial Tires)



HILLSIDE MANEUVERABILITY

A more stable operator position, in tandem with comfortable controls and a wider foot platform, helps you to shift your weight as needed so you can mow hillsides with more confidence.



SUPERIOR GROUND CLEARANCE

Larger drive tires on the M and R Series QuikTraks™ provide better ground clearance and make easy work of climbing curbs. Opt for 22- or 24-inch MICHELIN® X® TWEEL® TURF Airless Radial Tires for no flats and more uptime.



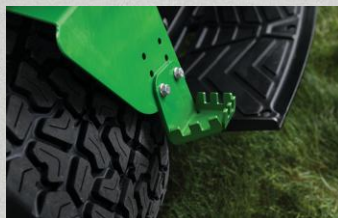
WIDER OPERATOR PLATFORM

What's so special about a wider operator platform? Everything. The spring-boarded design optimizes stability and absorbs shock on uneven terrain. Having more room to move around helps with terrain changes and long hours mowing.



Serviceability

Remove leaning pad to access key service points. Engine guard folds forward for easy engine access.



Foot Holds

Exclusive to the R Series is the added comfort of left- and right-side foot holds. Use them for extra support when mowing hillsides or just to change position.



Easy to Remove Belt Covers

All QuikTraks™ have a single belt design for easier servicing. The redesigned belt cover needs no tools and is easy to clean out whenever it's needed.



Michelin® X® TWEEL® TURF Options

Equip your QuikTrak™ with optional 24-inch MICHELIN® X® TWEEL® TURF Airless Radial Tires and say goodbye to flats, patch kits, and downtime.

Q800 QUIKTRAK™ SPECIFICATIONS

	E Series		M Series	
	Q810E	Q820E	Q820M	Q850M
ENGINE				
Certified Horsepower**	19 HP (14.2 kW) ^{2,3} @ 3600 RPM	23.5 SHP (17.5 kW) ^{2,3} @ 3600 RPM	23.5 SHP (17.5 kW) ^{2,3} @ 3600 RPM	27 HP (20.1 kW) ^{2,3} @ 3600 RPM
Engine Model	FX600V	FX730V	FX730V	FX850V
Displacement	36.8 cu in. 603 cc	44.3 cu in. 726 cc	44.3 cu in. 726 cc	52.0 cu in. 852 cc
Cylinders	Two, V-twin	Two, V-twin	Two, V-twin	Two, V-twin
Crankcase Capacity	With filter, 1.8 qt 1.7 L	With filter, 2.2 qt 2.1 L	With filter, 2.2 qt 2.1 L	With filter, 2.4 qt 2.3 L
Oil Filter	Full flow, replaceable	Full flow, replaceable	Full flow, replaceable	Full flow, replaceable
Lubrication	Full Pressure	Full Pressure	Full Pressure	Full Pressure
Cooling	Forced air, with integrated clean out ports	Forced air, with integrated clean out ports	Forced air, with integrated clean out ports	Forced air, with integrated clean out ports and oil cooler
Air Cleaner	Heavy-duty canister type	Heavy-duty canister type with safety element	Heavy-duty canister type with safety element	Heavy-duty canister type with safety element
FUEL SYSTEM				
Fuel Type	Gas	Gas	Gas	Gas
Fuel Tank Capacity	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	12 U.S. gallons (45.3L)	12 U.S. gallons (45.3L)
Fuel tank switch/shut-off valve	Yes	Yes	No	No
ELECTRICAL SYSTEM				
Charge System	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM
Battery Voltage	12 Volt	12 Volt	12 Volt	12 Volt
Hour Meter	Digital	Digital	Display panel	Display panel
Operator Presence Starting System	Yes	Yes	Yes	Yes
Cold Cranking Amp	300 CCA	300 CCA	300 CCA	300 CCA
DRIVETRAIN				
Transmission	Separate hydraulic pumps and motors	Separate hydraulic pumps and motors	Tuff Torq TZT13 IHT	Tuff Torq TZT13 IHT
Hydraulic Pumps	0.61 cu in. 10 cc	0.61 cu in. 10 cc	0.79 cu in. 13 cc	0.79 cu in. 13 cc
Wheel Motors	12 cu in. 196 cc	12 cu in. 196 cc	13 cu in. 213 cc	13 cu in. 213 cc
Speed & Direction Control	Twin hand-controlled levers	Twin hand-controlled levers	Twin hand-controlled levers	Twin hand-controlled levers
Hydraulic Capacity	With filter, dry, 5.0 qt (4.7 L)	With filter, dry, 5.0 qt (4.7 L)	6.0 qt (5.7 L)	6.0 qt (5.7 L)
Travel Speed Forward	Infinite, 0-8 mph (Infinite, 0-12.9 km/h)	Infinite, 0-8 mph (Infinite, 0-12.9 km/h)	Infinite, 0-10 mph (Infinite, 0-16.1 km/h)	Infinite, 0-10 mph (Infinite, 0-16.1 km/h)
Travel Speed Reverse	Infinite, 0-3.5 mph (Infinite, 0-5.6 km/h)	Infinite, 0-3.5 mph (Infinite, 0-5.6 km/h)	0-5 mph (0-8.0 km/h)	0-5 mph (0-8.0 km/h)
Filter	Spin-on replaceable	Spin-on replaceable	Two internal and replaceable	Two internal and replaceable
Hydraulic Oil Cooler	Radiator core	Radiator core	Two 8.5 in. (22 cm) fans	Two 8.5 in. (22 cm) fans
BRAKES				
Dynamic Braking	Dual hand-controlled levers	Dual hand-controlled levers	Dual hand-controlled levers	Dual hand-controlled levers
Park Brake / Actuation	Tire engagement / Hand lever	Tire engagement / Hand lever	Internal wet disk / Hand lever	Internal wet disk / Hand lever
PTO				
Electro-Magnetic with Brake	125 lb-ft 169 Nm	125 lb-ft 169 Nm	125 lb-ft 169 Nm (48 in.) 200 lb-ft 271 Nm (54 in., 60 in.)	200 lb-ft 271 Nm
Drive	V-belt	V-belt	V-belt	V-belt
MOWER DECK				
Size / Type	36-in. (91-cm) Side-Discharge	48-in. (122-cm) Side-Discharge	48-in. (122-cm) 7Iron™ PRO side-discharge 54-in. (137-cm) 7Iron™ PRO side-discharge 60-in. (152-cm) 7Iron™ PRO side-discharge	54-in. (137-cm) 7Iron™ PRO side-discharge 60-in. (152-cm) 7Iron™ PRO side-discharge
Deck Construction	Fabricated steel, floating mount system	Fabricated steel, floating mount system	7-Iron™ PRO: one-piece forged steel	7-Iron™ PRO: one-piece forged steel
Deck Thickness / Style	7-gauge 0.180 in. (4.6mm) / Fixed	7-gauge 0.180 in. (4.6mm) / Floating	7-gauge 0.180 in. (4.6mm) / Floating	7-gauge 0.180 in. (4.6mm) / Floating
Height-of-Cut Range / Increment	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (0.64 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (0.64 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (0.64 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (0.64 cm)
DECK BLADES				
Tip Speed	Approximately 18,000 fpm 5486 m/min	Approximately 18,000 fpm 5486 m/min	Approximately 18,000 fpm 5486 m/min	Approximately 18,000 fpm 5486 m/min
Number / Thickness	Two / 0.25 in. (0.64 cm)	Three / 0.25 in. (0.64 cm)	Three / 0.25 in. (0.64 cm)	Three / 0.25 in. (0.64 cm)
WHEELS AND TIRES				
Drive Wheels	18x8.5-10 pneumatic	18x10.5-10 pneumatic	22x10-12 pneumatic (48 in.) 22x12-12 pneumatic (54 in., 60 in.) 22x11N12 Tweek	22x12-12 pneumatic 22x11N12 Tweek
Load Rating	4 PR	4 PR	4 PR	4 PR
Caster Wheel Type	11x4-5 Flat free	11x4-5 Flat free	13x5-6 Flat free	13x5-6 Flat free
Front Anti-Scalp Rollers		Double-captured center	RH, center, LH	RH, center, LH
DIMENSIONS				
Overall Length	62 in. (157.5 cm)	59.75 in. (151.8 cm)	Foot platform up, 67.25 in. (171 cm) Foot platform down, 72 in. (183 cm)	Foot platform up, 67.25 in. (171 cm) Foot platform down, 72 in. (183 cm)
Overall Width	49.5 in. (126 cm) with chute down	62 in. (157 cm) with chute down	62, 68, 74 in. (157,173,188 cm) w/ chute down	68, 74 in. (173, 188 cm) with chute down
Height	46 in. (117 cm.)	46 in. (117 cm.)	48 in. (122 cm.)	48 in. (122 cm.)
Weight	720 lbs (327 kg)	800 lbs (363 kg)	1045 lbs (474 kg) 48 in. / 1070 lbs (485 kg) 54 in. / 1095 lbs (497 kg) 60 in.	1095 lbs (497 kg) 54 in. 1120 lbs (508 kg) 60 in.
WARRANTY*				
Duration	36 months or 1200 hours, whichever comes first First 24 months, no hour limitation	36 months or 1200 hours, whichever comes first First 24 months, no hour limitation	36 months or 1200 hours, whichever comes first First 24 months, no hour limitation	36 months or 1200 hours, whichever comes first First 24 months, no hour limitation

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Add attachments that go the extra mile, acre, or yard to make every work day more productive.

R Series	
Q850R	Q865R EFI
27 HP (20.1 kW) ^{2,3} @ 3600 RPM	34.5 HP (25.7 kW) ^{2,3} @ 3600 RPM
FX850V	FX820V EFI
52.0 cu in. 852 cc	50.2 cu in. 822 cc
Two, V-twin	Two, V-twin
With filter, 2.4 qt 2.3 L	With filter, 2.2 qt 2.1 L
Full flow, replaceable	Full flow, replaceable
Full Pressure	Full Pressure
Forced air, with integrated clean out ports and oil cooler and oil cooler	Forced air, with integrated clean out ports and oil cooler
Heavy-duty canister type with safety element	Heavy-duty canister type with safety element
Gas	Gas
12 U.S. gallons (45.3L)	12 U.S. gallons (45.3L)
No	No
12V - 20 amp @ 3600RPM	12V - 30 amp @ 3600RPM
12 Volt	12 Volt
Display panel	Display panel
Yes	Yes
300 CCA	300 CCA
Tuff Torq T2T13 IHT	Tuff Torq T2T13 IHT
0.79 cu in. 13 cc	0.79 cu in. 13 cc
13 cu in. 213 cc	13 cu in. 213 cc
Twin hand-controlled levers	Twin hand-controlled levers
6.0 qt (5.7 L)	6.0 qt (5.7 L)
Infinite, 0-12 mph (Infinite, 0-19.3 km/h)	Infinite, 0-12 mph (Infinite, 0-19.3 km/h)
0-6 mph (0-9.7 km/h)	0-6 mph (0-9.7 km/h)
Two internal and replaceable	Two internal and replaceable
Two 8.5 in. (22 cm) fans	Two 8.5 in. (22 cm) fans
Dual hand-controlled levers	Dual hand-controlled levers
Internal wet disk / Hand lever	Internal wet disk / Hand lever
200 lb-ft 271 Nm	225 lb-ft 305 Nm
V-belt	V-belt
54-in. (137-cm) 7Iron™ PRO side-discharge 60-in. (152-cm) 7Iron™ PRO side-discharge	60-in. (152-cm) 7Iron™ PRO side-discharge
7-Iron™ PRO: one-piece forged steel	7-Iron™ PRO: one-piece forged steel
7-gauge 0.180 in. (4.6mm) / Floating	7-gauge 0.180 in. (4.6mm) / Floating
1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in (0.64 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in (0.64 cm)
Approximately 18,000 fpm 5486 m/min	Approximately 18,000 fpm 5486 m/min
Three / 0.25 in. (0.64 cm)	Three / 0.25 in. (0.64 cm)
24x12-12 pneumatic 24x12N12 Tweel	24x12-12 pneumatic 24x12N12 Tweel
4 PR	4 PR
13x6.5-6 Flat free	13x6.5-6 Flat free
RH, center, LH	RH, center, LH
Foot platform up, 70 in. (183cm) Foot platform down, 74.75 in. (190 cm)	Foot platform up, 70 in. (183cm) Foot platform down, 74.75 in. (190 cm)
68, 74 in. (173, 188 cm) with chute down	74 in. (188 cm) with chute down
49 in. (124 cm.)	49 in. (124 cm.)
1135 lbs (515 kg) 54 in. 1155 lbs (524 kg) 60in.	1165 lbs (528 kg)
36 months or 1500 hours, whichever comes first First 24 months, no hour limitation	36 months or 1500 hours, whichever comes first First 24 months, no hour limitation



String Trimmer Carrier

Add an optional string trimmer to your M or R Series QuikTrak™ and trim as you go. More productivity, fewer walks to your work trailer. Carrier fits most straight shaft-style string trimmers.



LED Strobe Lights

The optional LED strobe light attachment improves your visibility in all directions to other motorists. Kit includes two lights. For M and R Series QuikTraks™.



Grass Catcher

Add this simple, compact solution to collect unwanted clippings and debris. Keep sidewalks and landscape areas clean. Save cleanup time. There is a grass catcher for E / M / R series on 36/48/52/ 54-in. deck sizes.



Striping Kit

Bring yards and properties to the next level with an optional striping kit on your M and R Series QuikTrak™.

ADDITIONAL ATTACHMENTS (not pictured):

Block Off Plate

Mulch Kits

Spark Arrestor

Propane Conversion Kit

Quality Commercial Parts / NEVERSTOP

Where you need them,
when you need them.

Parts NOW.

For more information - in the US, visit JohnDeere.com/CommercialParts
and in Canada, visit JohnDeere.ca/CommercialParts



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