

## The 54-in. (138-cm) Accel Deep™ (54A) Mower Deck cuts clean and is versatile



Z525E ZTrak™ Mower with Accel Deep 54A Mower

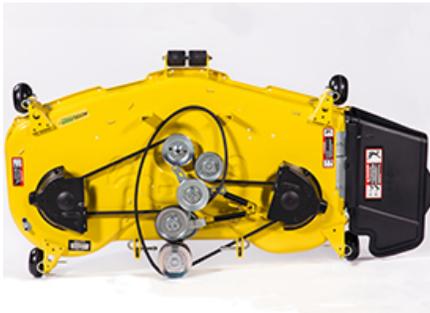


Accel Deep 54A Mower

The 54-in. (138-cm) Accel Deep Mower Deck is a stamped-steel, deep, flat-top design that delivers excellent cut quality, productivity, cleanliness, durability, and versatility. Optimal performance and dispersion of clippings is provided, even at faster mowing speeds:

- 4.5-in. (11.4-cm) deep throughout the entire deck shell for optimum mowing, mulching, and bagging performance
  - Optional MulchControl™ attachment provides superior mulching performance and versatility.
- Stamped-steel design eliminates sharp edges and corners where material can build up and diminish mowing performance
- Mower deck is suspended from the vehicle for a smooth and level cut
  - Adjustable mower wheels, positioned just above ground level, help smooth out the mowing job

### Excellent cut quality



54A Mower top (similar mower from X500 Series Tractor shown)



54A Mower underside (similar mower from X500 Series Tractor shown)

Deep mower-deck stamping gives excellent cut quality. It allows the cut and suspended material room to exit the deck without getting recut:

- Reducing the amount of recutting enables more power to be used to cut incoming grass, which greatly improves mower capacity.
  - Helps maintain excellent cut quality at faster mowing speeds
- Clean flow of material out of discharge area prevents cut material from interfering with cutting the incoming grass, making it possible for the blades to cut incoming material cleanly.
- Even in mulching mode, cut evenness is improved compared to other designs because the additional depth allows for continuous circulation, optimal recutting, and an even distribution of clippings.

## Productivity - getting the job done fast



Right side of Accel Deep 54A Mower Deck

Deep mower-deck stamping gives high productivity, which gets the job done fast. It allows the cut and suspended material room to exit the deck quickly, reducing the amount of re-cutting so more power is available to process incoming grass:

- Greatly improves mowers capacity to maintain excellent mowing performance in difficult mowing conditions and at higher speeds

Large discharge opening is both high and wide to handle more material:

- Gives a smooth, even discharge of clippings at all mowing speeds
- Reduces the chance of plugging, especially important when operating in wet, thick, or dense grass and when bagging
- The 54A Power Flow™ blower has an inlet housing with over 50 percent greater area than the 48X Power Flow blower used on previous machines.

## Cleanliness - for the mower and the operator



Accel Deep 54A Mower Deck



Accel Deep 54A Mower Deck

The flat-top shape of the deck stamping is optimal for keeping itself and the operator clean:

- There are few places to catch and hold material on top and underneath the deck.
  - Top of deck stays cleaner, reducing time and effort needed for cleaning and service
  - Underside of deck is self-cleaning to maintain optimum performance without buildup of material to interfere with the flow of air and clippings
  - Less need to clean and remove build-up of material from underside deck
- The depth of the Accel Deep Mower Deck minimizes the amount of material that escapes from the front of the deck
  - Limited amount of material to drift onto the operator and mower deck
  - Even for material discharged out the chute, less re-cutting results in larger pieces that are less likely to end up on the operator
  - Mulching prevents the discharge of material completely and the MulchControl attachment makes mulching a practical solution for most mowing situations.

Cleaning a mower deck, both top and bottom, is one of the most frequent maintenance activities:

- The flat-top design reduces places for material to build up and makes material that does collect easy to remove.



Mower wash port



Mower wash port with hose connector

A wash port is provided to make cleaning the underside of the mower deck easy.

- Hose connector is included with the mower deck.

### Superior durability is designed in



Spindle pocket



Mower wheels are double captured

The 54A Mower Deck has strong spindle pockets, to keep the blades aligned, even after years of tough service:

- Ribs in the deck shell add strength where it is needed.

Mower wheels are double captured:

- Provides greater strength and durability for longer, trouble-free life.
- Single-bolt adjustment makes setting wheels to the correct height for the cutting height quick and easy.

Low-tension belt-drive design reduces the side load on engine lower bearings and mower deck bearings for longer life.

The 54A Mower Deck features a 5/8-in. (16-mm) diameter solid-steel rod side bumper that provides extra strength and protection.

Dual-stage E-coat and powder-paint coatings provide extra protection from rust.

### Versatility - easy to change between side discharge, mulch, and bagging modes

The 54A Mower is designed for maximum versatility, providing the greatest ease in changing from one mower discharge mode to another:

- With the optional MulchControl attachment installed (along with the special mulching blades), changing from side discharge to mulching or vice versa is done with the simple flip of a lever.
- The Power Flow rear bagger can be used with the MulchControl attachment and blades installed - by simply placing the MulchControl lever in the side discharge position.

## MulchControl option

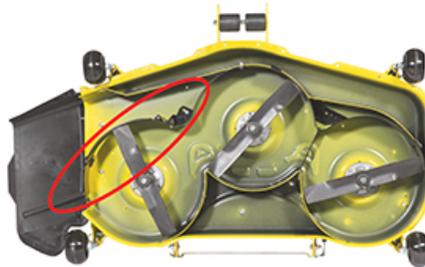
The MulchControl attachment for the 54A Mower Deck makes mulching more practical for many mowing situations because it not only does an excellent job of mulching but it also allows the mower to be easily converted for times when it is more desirable to side discharge or collect the lawn material. Advantages of mulching grass clippings include:

- A beautiful looking lawn
- Grass clippings not blown onto the operator, driveways, or flower beds
- Less fertilizer use
- Elimination of the effort needed to dispose of clippings

## How MulchControl works



MulchControl baffle open



MulchControl baffle closed

MulchControl is an innovative, simple design that is easy to use and maintain:

- The MulchControl attachment includes baffles to control the flow of material under the deck.
  - The MulchControl baffle, or divider, between the left and middle spindles is about half way down. The height is designed to balance the mulching and side-discharge modes.
  - When the MulchControl baffle is open, the divider between the left and middle spindles passes a portion of the material to the discharge opening, along with the material from the middle and right spindle areas.
  - When the MulchControl baffle is closed, the material stays within the deck and gets chopped into mulch and deposited in the turf.



MulchControl baffle closed



MulchControl handle

- The MulchControl handle is located on top of the mower deck and used to open and close the discharge baffle.
  - The operator is required to get off of the machine in order to engage or disengage mulch mode.
- Changing from mulching to side discharge or vice versa takes only a few seconds.

MulchControl is well-suited to the following mowing situations:

- Usually mulch, but side discharge when grass gets too long
- Usually side-discharge, but would like to be able to close the chute to control clippings
- Always mulch a main lawn, but often side discharge secondary lawns
- Bag clippings, but want to go farther before emptying bags

MulchControl puts the operator in control of the clippings. Now the operator can have all the benefits of mulching with the ability to easily change to side discharge or bagging when needed.

While in the side-discharge mode, MulchControl will still mulch about one third of the material. Therefore, the side-discharge mode is essentially a partial-mulch mode. This can be an advantage when side discharging or bagging, as it helps to reduce the amount of material being discharged. Other times this could work as a disadvantage:

- When cutting strong southern grasses, such as Zoysia and Bermuda
- When cutting in wet, high-growth conditions, such as those found in the Pacific Northwest United States
- When optimum bagging and lawn clean-up is desired

### 6.5 bu (230 L) Power Flow rear bagger



Optional rear bagger



Power Flow blower

An optional 6.5-bu (230-L) rear bagger material collection system (MCS) is available. It provides an efficient means of collecting grass clippings and leaves:

- The Power Flow blower and chute are easy to install. The Power Flow blower swings out for easy cleanout and cleanup.
- The hopper design provides modern styling, great bagging performance, cleaner operation, and easy-to-empty bags:
  - 6.5-bu (230-L) capacity
  - Easy-to-attach Power Flow blower (ordered separately)
  - Easy-to-attach chute (ordered separately)
  - Air exhaust duct
  - Convenient spring-latch
  - Airflow fill indicator
  - Quik-Tatch mounting
  - Sealed hopper top
  - Loose-knit bags available

**Base Equipment On:** Z525E

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