

**2021 John Deere 8R 310**

<b>YEAR</b>	2021
<b>HOURS</b>	692 hrs
<b>CATEGORY</b>	Tractors
<b>MANUFACTURER</b>	John Deere
<b>SKU</b>	A-402986

✓ **INSPECTION VERIFIED**

**Machine Documentation & History**

	COMPONENT	CONDITION/NOTES
✓	<b>Year, Make &amp; Model</b>	Information verified and matches data plate
✓	<b>Serial Number</b>	Confirmed and documented
✓	<b>Hour Meter Reading</b>	Current hours recorded and operational
✓	<b>Service History</b>	Available records reviewed and on file

**Overall Appearance**

	COMPONENT	CONDITION/NOTES
✓	<b>Paint &amp; Body Condition</b>	Good condition for age with normal wear
✓	<b>General Cleanliness</b>	Well-maintained appearance
✓	<b>Safety Decals &amp; Labels</b>	Present and legible
✓	<b>Operator's Manual</b>	Included with machine

**Structural Integrity**

	COMPONENT	CONDITION/NOTES
✓	<b>Frame &amp; Chassis</b>	Solid structure with no cracks or repairs
✓	<b>Drawbar</b>	Good condition with acceptable wear
✓	<b>Fenders &amp; Sheet Metal</b>	Straight and securely mounted
✓	<b>Front Axle Housing</b>	No visible damage or leaks

## Engine & Fuel System

	COMPONENT	CONDITION/NOTES
✓	Engine Oil	Proper level and clean condition
✓	Oil Leaks	No leaks detected
✓	Cold Start	Starts readily without excessive cranking
✓	Engine Operation	Runs smoothly with excellent power
✓	Exhaust	Clean exhaust — no excessive smoke
✓	Fuel System	No leaks, filters in excellent condition
✓	Air Cleaner	Clean and properly seated

## Transmission & Clutch

	COMPONENT	CONDITION/NOTES
✓	Transmission Fluid	Proper level and excellent condition
✓	Clutch Operation	Engages smoothly without slipping
✓	Gear Shifting	All gears engage properly
✓	Transmission Noise	No unusual grinding or whining
✓	Range Selector	Functions properly (if equipped)

## Hydraulic System

	COMPONENT	CONDITION/NOTES
✓	Hydraulic Fluid	Proper level and clean condition
✓	Hydraulic Pump	Operating without leaks or noise
✓	Remote Outlets	All ports functioning properly
✓	Hoses & Lines	Good condition with tight fittings
✓	Hydraulic Response	Strong and responsive operation

### Three-Point Hitch

	COMPONENT	CONDITION/NOTES
✓	Lift Arms	Raise and lower smoothly
✓	Top Link	Good condition with proper adjustment
✓	Lift Capacity	Lifts implements to full height
✓	Position Control	Holds position without drift
✓	Stabilizers	Function properly with minimal play
✓	Hitch Pins	Proper size with acceptable wear

### PTO (Power Take-Off)

	COMPONENT	CONDITION/NOTES
✓	PTO Engagement	Engages and disengages smoothly
✓	PTO Shaft	Splines in excellent condition
✓	PTO Shield	Present and securely mounted
✓	PTO Operation	Runs smoothly without vibration
✓	540/1000 RPM	Speed selector functions (if equipped)

### Cooling System

	COMPONENT	CONDITION/NOTES
✓	Coolant Level	Proper level maintained
✓	Coolant Condition	Clean and properly mixed
✓	Radiator	Clean and free of debris
✓	Cooling Fan	Operating correctly
✓	Hoses & Clamps	No cracks or leaks
✓	Thermostat	Operating at proper temperature

### Steering System

	COMPONENT	CONDITION/NOTES
✓	Steering Wheel	Minimal free play
✓	Power Steering	Responsive without noise (if equipped)
✓	Steering Linkage	Tight with no excessive wear
✓	Front Wheel Alignment	Tracks straight

## Brake System

	COMPONENT	CONDITION/NOTES
✓	Brake Operation	Both brakes stop effectively
✓	Brake Pedals	Equal pressure and travel
✓	Parking Brake	Holds tractor on incline
✓	Brake Linkage	Properly adjusted and connected

## Tires & Wheels

	COMPONENT	CONDITION/NOTES
✓	Front Tires	Good tread with no cuts or cracks
✓	Rear Tires	Good tread with no cuts or cracks
✓	Tire Pressure	Properly inflated
✓	Wheel Bolts	Tight and secure
✓	Rims	No damage or excessive rust

## Front & Rear Axles

	COMPONENT	CONDITION/NOTES
✓	Front Axle Oil	Proper level (if applicable)
✓	4WD Engagement	Engages properly (if equipped)
✓	Rear End Oil	Proper level and clean
✓	Differential Locks	Engage and disengage properly
✓	Axle Seals	No leaks detected
✓	Final Drives	Operating smoothly

## Electrical System

	COMPONENT	CONDITION/NOTES
✓	Battery	Good condition with clean connections
✓	Charging System	Alternator charging properly
✓	Headlights	All lights operational
✓	Work Lights	Functioning properly (if equipped)
✓	Turn Signals	Operating correctly
✓	Gauges	All instruments functioning
✓	Horn	Operating properly

## Cab & Operator Station

	COMPONENT	CONDITION/NOTES
✓	Operator Seat	Good condition with functional adjustments
✓	Seatbelt	Present and functional
✓	Controls	All levers and pedals respond smoothly
✓	Doors & Windows	Seals intact, latches work properly
✓	HVAC System	Heating and air conditioning operational (if equipped)
✓	ROPS/Cab Structure	Roll-over protection intact
✓	Mirrors	Present and properly adjusted

## Front End Loader (If Equipped)

	COMPONENT	CONDITION/NOTES
✓	Bucket	Good condition with acceptable wear
✓	Loader Arms	Straight with no cracks
✓	Cylinders	No leaks, rods in excellent condition
✓	Quick Attach	Functions properly (if equipped)
✓	Loader Controls	Respond smoothly
✓	Mounting Points	Secure with no stress cracks

## Performance Testing

	COMPONENT	CONDITION/NOTES
✓	Forward Gears	All gears engage and operate properly
✓	Reverse Gears	All reverse gears function correctly
✓	Under Load	Maintains power under working conditions
✓	Three-Point Test	Lifts and holds implement without drift
✓	PTO Test	Operates smoothly under load
✓	Hydraulics Test	All remotes function with full pressure
✓	Loader Test	Full range of motion (if equipped)

## Additional Items Verified

	COMPONENT	CONDITION/NOTES
✓	Grease Fittings	Present and operational
✓	Access Panels	Secure and functional
✓	Steps & Grab Rails	Secure and safe
✓	Overall Safety	Machine meets safety standards

## Inspection Summary

### OVERALL MACHINE CONDITION

EXCELLENT	GOOD	FAIR
✓		

### READY FOR WORK

YES	MINOR SERVICE NEEDED
✓	

*This Tractors has been inspected by our certified technicians and is ready for your operation. We stand behind every machine we sell and are here to support you after the sale.*

**Questions? Call us at (336) 850-3078**

**Earthmoving MSU Equipment & Echo Ridge Elevation**

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The equipment was inspected upon arrival