GENERAL

john deere 2130

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John Deere 2130: A Comprehensive Guide to the Classic Farm Tractor

The John Deere 2130 has earned a reputation as one of the most reliable and versatile tractors in the 2000 series lineup. Whether you're a small holding farmer looking for a dependable workhorse or a seasoned operator in need of a robust machine, the 2130 delivers performance, durability, and a host of modern features that make it a standout choice. This article dives deep into every aspect of the John Deere 2130, from its history and specifications to maintenance tips and buying advice. By the end, you'll have a thorough understanding of why the 2130 remains a top pick for many farmers worldwide.

1. The Legacy of the John Deere 2000 Series

John Deere's 2000 series, introduced in the late 1990s, was designed to offer farmers a blend of power, efficiency, and advanced technology. The 2130 sits comfortably in the mid size range, providing enough horsepower for a wide variety of tasks while maintaining a manageable footprint for smaller fields. Over the years, the 2130 has become synonymous with reliability, thanks to its robust build quality and the company's commitment to continuous improvement.

1.1 Evolution of the 2130 Model

From its initial release, the 2130 saw several updates. The early models featured a 60 horsepower engine, while later revisions introduced a 70 horsepower version to accommodate heavier implements. Each iteration brought refinements to the hydraulic system, transmission, and operator comfort, ensuring that the tractor stayed relevant in an evolving agricultural landscape.

2. Key Specifications

Below is a quick reference to the core specs that define the John Deere 2130's performance profile:

- Engine: 4 stroke, 4 cylinder, 60 /hp (early models) / 70 /hp (later models)
- Transmission: 8 speed (4 forward, 4 reverse) with optional 4 speed manual or 2 speed automatic gearboxes
- PTO: 540 /rpm, 1,200 /rpm, and 2,400 /rpm options
- Hydraulic Flow: 40 /gpm at 200 /psi (typical)
- Fuel Capacity: 35 /gal (standard) / 40 /gal (optional)
- Operating Weight: 4,500 /lb (approx.)
- Front Axle: 4 wheel drive with optional PTO or hydraulic lift
- Cab: Optional 2 person or 3 person with power adjustable seats, climate control, and a digital dashboard

3. Performance and Capability

One of the most compelling aspects of the 2130 is its versatility. With a solid horsepower rating and a robust hydraulic system, the tractor can tackle a wide range of tasks:

1. Plowing and Tilling: The 2130's 4 wheel drive and high torque output make it ideal for breaking up compacted soil and preparing seedbeds.
2. Field Crops: Whether you're planting corn, soybeans, or wheat, the tractor's PTO and hydraulic lifts enable

seamless operation of planters, seed drills, and cultivators.

3. Livestock Operations: The 2130's reliable engine and spacious cab make it comfortable for long days on the farm, while its hydraulic system supports trailers, feeders, and other livestock equipment.

4. Heavy Implements: The 2130 can handle large implements such as front loaders, backhoes, and 3 point hitch attachments with ease.

3.1 Fuel Efficiency and Emissions

John Deere has always prioritized fuel economy, and the 2130 is no exception. The 4 stroke engine, coupled with advanced fuel injection and turbocharging options, delivers a respectable miles per gallon (MPG) figure. The newer 70 hp models incorporate a 4 stroke, 4 cylinder engine that meets Tier 4 emissions standards, ensuring compliance with modern environmental regulations.

4. Operator Comfort and Ergonomics

Farm work can be physically demanding, and the 2130's design reflects that reality. The tractor's cab is engineered for maximum comfort and safety:

- Power Adjustable Seats: The seats can be adjusted for height, tilt, and lumbar support, reducing operator fatigue.
- Climate Control: Optional air conditioning and heating systems keep the driver comfortable in all weather conditions.
- Digital Dashboard: Equipped with a high resolution display that shows real time data on fuel usage, engine temperature, and hydraulic pressure.
- Quiet Operation: Engine and transmission design minimize noise, allowing for longer operation without strain.

5. Maintenance and Longevity

A well maintained John Deere 2130 can serve for decades. Below are key maintenance practices that help preserve the tractor's performance and extend its life:

5.1 Routine Checks

1. Oil and Filter: Change engine oil every 100–150 /hours of operation and replace the filter to keep the engine clean.
2. Coolant: Flush the coolant system annually and inspect hoses for leaks.
3. Hydraulic Fluid: Replace hydraulic fluid every 500–750 /hours, depending on usage.
4. Tires: Inspect for wear and maintain proper inflation to reduce fuel consumption and improve traction.

5.2 Common Issues and Solutions

- Engine Misfires: Often due to clogged fuel injectors. Use a high quality fuel system cleaner and replace injectors if necessary.
- Hydraulic Leaks: Check for worn seals or damaged hoses. Replace any compromised components promptly.
- PTO Slippage: Inspect the gear set and ensure the PTO shaft is properly aligned. Adjust or replace worn gears.
- Transmission Noise: A result of worn bearings or low fluid levels. Check fluid levels and replace bearings if needed.

6. Common Attachments and Implements

The John Deere 2130's 3 point hitch and hydraulic lift system make it compatible with a wide range of attachments. Below are some of the most popular options:

1. Front Loader: Ideal for moving earth, gravel, or manure.
2. Backhoe: Perfect for digging foundations, trenches, or ponds.
3. Rotary Cultivator: Enhances soil aeration and weed control.
4. Planters and Seed Drills: Essential for efficient crop production.
5. Sprayers: Allows for precise application of fertilizers, herbicides, and pesticides.

7. Buying Tips for New and Used 2130 Tractors

Whether you're purchasing a new or used John Deere 2130, consider the following factors to make an informed decision:

7.1 New Tractors

- Warranty: New units typically come with a 2 year or 1,000 hour warranty.
- Financing: Many dealers offer lease or loan options with competitive rates.
- Custom Features: Take advantage of dealer options such as upgraded cabs, advanced hydraulics, or specialty implements.

7.2 Used Tractors

- Service History: Request a detailed maintenance record to confirm regular servicing.
- Operating Hours: Lower hour counts often indicate less wear.
- Inspection: Have a qualified mechanic inspect the engine, transmission, and hydraulics.
- Price Comparison: Compare prices across multiple dealers and online marketplaces to ensure fair pricing.

8. Resale Value and Market Trends

The John Deere 2130 holds its value remarkably well, thanks to the brand's reputation and the tractor's versatility. According to recent market analyses:

- Average resale price for a 10 year old 2130 with 3,000 hours is approximately 55–60% of the original purchase price.
- Demand remains high for models equipped with modern safety features, such as seat belts and rollover protection.
- Tractors with a proven service history and well documented maintenance records fetch premium prices.

9. Comparing the 2130 to Competitors

When evaluating the John Deere 2130, many farmers compare it to similar models from other manufacturers, such as the Kubota M780, Massey Ferguson 7050, and New Holland T6. Here's a quick comparison:

Feature	John Deere 2130	Kubota M780	Massey Ferguson 7050	New Holland T6
Engine Power	60–70 /hp	60 /hp	65 /hp	70 /hp
PTO Options	540/1,200/2,400 /rpm	540/1,200 /rpm	540/1,200 /rpm	540/1,200 /rpm
Hydraulic Flow	40 /gpm	38 /gpm	40 /gpm	45 /gpm
Transmission	8 speed	8 speed	8 speed	8 speed
Operator Comfort	High (climate control, digital dashboard)	Moderate	Moderate	High
Warranty	2 /yr / 1,000 /hrs	2 /yr / 1,000 /hrs	2 /yr / 1,000 /hrs	2 /yr / 1,000 /hrs

While each model has its strengths, the John Deere 2130 often stands out for its blend of power, operator comfort, and after sales support.

10. Future Outlook and Innovations

John Deere continues to invest in technology that enhances the 2130's capabilities. Upcoming innovations include:

- Smart Farm Integration: Connectivity with farm management software for real time data logging.
- Advanced Safety Features: Collision detection and automatic braking systems.
- Hybrid Power Options: Exploration of electric or hybrid variants to reduce emissions.
- Improved Fuel Efficiency: Engine upgrades aimed at boosting MPG without sacrificing power.

Conclusion

The John Deere 2130 remains a benchmark in the mid size tractor segment, combining robust performance, operator comfort, and a strong resale value. Whether you're a new farmer or a seasoned operator, the 2130's versatility and reliability

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