

United States Agricultural Tractor Machinery Market Outlook - Forecast Trends, Market Size, Share and Growth Analysis Report (2025-2034)

Market Report | 2025-06-29 | 128 pages | EMR Inc.

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Report description:

The United States agricultural tractor machinery market value reached USD 13.61 Billion in 2024. The market is further projected to grow at a CAGR of 5.50% between 2025 and 2034, reaching a value of USD 23.25 Billion by 2034.

United States Agricultural Tractor Machinery Market Growth

Agricultural tractor machinery is designed to provide high torque at low speeds for successful completion of various tasks, including harvesting, ploughing, planting, and tilling, among others. These machines are equipped with powerful hydraulic systems, engines, and large traction tyres, enabling them to perform a wide range of agricultural tasks.

The increasing costs of labour in the country are boosting the United States agricultural tractor machinery industry growth. Farmers, agriculturists, and agronomists are investing in various machineries, including tractors to enhance farm productivity and boost crop yield to meet the growing food requirements.

United States Agricultural Tractor Machinery Market Analysis

The United States agricultural tractor machinery market dynamics and trends are being driven by the increasing integration of advanced technologies such as GPS, sensors, automated systems, and geo-mapping. These advancements are creating significant growth opportunities in the market. These advanced technologies aid in predicting weather patterns and evaluating the nutrient content and health of the soil, among others.

Growing environmental concerns and a stronger focus on reducing operational costs are driving the adoption of electric agricultural tractors. These machines eliminate carbon emissions and cut operational expenses by removing the need for fuels like diesel, thereby boosting demand in the United States agricultural tractor machinery market.

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United States Agricultural Tractor Machinery Industry Outlook

Agriculture, food, and related industries contributed 5.6% to U.S. gross domestic product and provided 10.4% of U.S. employment. The output of America's farms contributed USD 203.5 billion of this sum-about 0.7% of U.S. GDP. The overall contribution of agriculture to GDP is larger than 0.7% because sectors related to agriculture rely on agricultural inputs to contribute added value to the economy.

Moreover, in 2023, there were 1.89 million farms in the U.S., and the average farm size was around 446 acres. Further, there were 879 million acres of farmland in the U.S. farmland value. Simultaneously, the real estate value of farmland in the U.S. was around USD 3.3 trillion.

In 2021, the U.S. and Canadian markets saw tractor sales witness a significant jump from the pre-pandemic annual average of 210,000 to 295,000 units. This spike was driven by a combination of factors, including increased government support for agriculture, a focus on improving farm productivity, and supply chain disruptions that prompted farmers to invest in new equipment.

However, despite the challenges, industry experts remain cautiously optimistic about the long-term prospects of the agricultural tractor market. The slight growth in 4-wheel-drive tractor sales, combined with the high levels of sales recorded in 2021 and 2022, suggest that there is still underlying demand for new equipment. Additionally, the broader agricultural sector continues to benefit from advancements in technology and increasing global food demand, which could drive future growth in United States agricultural tractor machinery market revenue.

In conclusion, while the U.S. and Canadian agricultural tractor markets are currently facing a slight decline, particularly in the 2-wheel-drive segments, the resilience of 4-wheel-drive tractor sales provides a glimmer of hope for the industry.

Ongoing innovations, such as precision farming and automation, enhance operational efficiency and productivity in agriculture.

- Strong demand for modern tractors due to their role in increasing crop yields and operational efficiency.
- The presence of major, established companies provides stability and access to advanced machinery and support.

Expensive machinery and maintenance can be a barrier for smaller farms.

- Advanced features may require specialised training and expertise, limiting accessibility.
- Market performance can be influenced by fluctuations in agricultural productivity and crop prices.

Growth in smart tractors and automation presents opportunities in the United States agricultural tractor machinery market.

- Potential benefits from agricultural subsidies and incentives for adopting modern machinery.
- Opportunities to expand into international markets with growing agricultural needs.

Market instability due to changes in agricultural commodity prices and economic downturns.

- Stringent environmental regulations could impact machinery design and operational costs.
- Global supply chain issues can lead to delays and increased costs for parts and machinery.

Key Players in the United States Agricultural Tractor Machinery Market and Their Key Initiatives

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Deere & Company

- Developed the John Deere Operations Centre.
- Expanded its product portfolio to include a wide range of tractor sizes and capabilities.

AGCO Corporation

- Developed technologically advanced tractors to meet the growing demand of the United States agricultural tractor machinery market.
- Engaged in strategic partnerships and acquisitions.

CNH Industrial NV

- Invested in advancing its technology, particularly in precision farming.
- Expanded its range of tractors and agricultural machinery.

CLASS KGaA mbH

- Expanded its tractor lineup in the U.S. market.
- Invested in research and development to capture the United States agricultural tractor machinery market opportunities.

United States Agricultural Tractor Machinery Industry Segmentation

The EMR's report titled "United States Agricultural Tractor Machinery Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments:

Market Breakup by Engine Power

- Less Than 35 HP
- 36 HP - 100 HP
- 101 HP - 200 HP
- 201 HP - 350 HP
- Greater Than 350 HP

Market Breakup by Type

- Orchard Tractors
- Row-Crop Tractors
- Others

Market Breakup by Drive Type

- Two-Wheel Drive
- Four-Wheel Drive

Market Breakup by Propulsion

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- Internal Combustion Engine
- Electric and Hybrid

Market Breakup by Region

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

United States Agricultural Tractor Machinery Market Share

Electric and hybrid tractors are anticipated to drive the United States agricultural tractor machinery demand growth. This growth can be attributed to the energy-efficient nature of the machinery and low operation costs associated with their utilisation as compared to their counterparts. These vehicles receive power from charging stations and electric outlets.

The electric energy from the battery is received by the motor and converted into mechanical energy, to operate the tractor. By eliminating the costs of fuels, they aid farmers and agriculturists in boosting profits. The added benefit of no carbon dioxide emissions is further bolstering the United States agricultural tractor machinery market demand.

Leading Companies in the United States Agricultural Tractor Machinery Market

The companies specialise in distributors, manufacturers, and designers of smart solutions for sustainable agriculture.

- Deere & Company
- AGCO Corporation
- CNH Industrial NV
- CLAAS KGaA mbH
- Kubota Corporation
- Yanmar Holdings Co., Ltd.
- SDF S.p.A (Deutz-Fahr)
- Mahindra & Mahindra Ltd.
- Ideanomics Inc. (Solectrac, Inc.)
- LS Tractor USA, LLC

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