

# **Farm Implements Market Forecasts to 2030 – Global Analysis By Equipment Type (Tillage Equipment, Sowing Equipment, Harvesting Equipment and Other Equipment Types), Operation (Manual, Semi-Autonomous and Autonomous), Function, Capacity, Sales Channel and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Farm Implements Market is accounted for \$71.4 billion in 2024 and is expected to reach \$115.2 billion by 2030 growing at a CAGR of 8.3% during the forecast period. Agricultural implements are tools or machines used in agriculture to make agricultural operations more efficient and effective. These tools can range from hand tools like plows and spades to mechanized tools like tractors, harvesters, and cultivators. They help with a variety of tasks, including plowing, planting, irrigation, harvesting, and landscaping. Agricultural implements are essential to improve efficiency, reduce labor costs, and ensure high-quality agricultural production in modern agricultural practices.

According to International Labour Organization (ILO) estimates that over 2.6 billion people worldwide are directly involved in agriculture.

Market Dynamics:

Driver:

Increasing adoption of advanced farm equipment

The increasing adoption of advanced farm equipment is a key driver for the farm

implements market. Technological advancements such as GPS-guided tractors, drones, and precision farming tools enhance productivity and efficiency. These innovations enable farmers to optimize resource use, reduce labor dependency, and improve yields. The growing need for sustainable farming practices and the rising global demand for food further fuel the adoption of modern machinery, driving market growth during the forecast period.

#### Restraint:

##### Lack of skilled labor

The lack of skilled labor is a significant restraint in the farm implements market. Operating advanced machinery requires technical expertise, which many farmers lack due to insufficient training programs. This skills gap limits the effective use of modern equipment, particularly in developing regions. Additionally, inadequate awareness about maintenance and operation can lead to underutilization or misuse of machinery, hindering market expansion.

#### Opportunity:

##### Government support and subsidies

Government support and subsidies create substantial opportunities for the farm implements market. Policies promoting mechanization through financial aid, tax benefits, and subsidies make advanced machinery more affordable for farmers. Initiatives such as minimum support prices and input cost subsidies encourage investment in modern tools, boosting productivity and income. These measures are particularly impactful in regions with small-scale farming operations.

#### Threat:

##### Fluctuations in raw material prices

Fluctuations in raw material prices pose a significant threat to the farm implements market. Key materials like steel and electronic components experience price volatility due to supply chain disruptions and economic uncertainties. These cost variations increase manufacturing expenses, making equipment less affordable for farmers. Such unpredictability can deter investments in advanced machinery, affecting overall market growth.

### Covid-19 Impact:

The COVID-19 pandemic disrupted the farm implements market through supply chain interruptions and manufacturing delays. Lockdowns led to raw material shortages and delayed equipment deliveries. However, the crisis also accelerated demand for automation as farmers sought to address labor shortages and enhance productivity. The adoption of smart technologies like autonomous tractors increased post-pandemic, reshaping the market's trajectory.

The tractors segment is expected to be the largest during the forecast period

The tractors segment is expected to account for the largest market share during the forecast period. Tractors are essential for various farming operations, including plowing, planting, and harvesting. Their versatility and efficiency make them indispensable in modern agriculture. The demand for tractors is driven by the need to increase productivity and reduce labor costs, especially in large-scale farming operations. Advancements in tractor technology, such as GPS guidance systems and fuel-efficient engines, further enhance their appeal to farmers.

The small implements segment is expected to have the highest CAGR during the forecast period

The small implements segment is expected to witness the highest CAGR during the forecast period. Small implements, such as seeders, plows, and cultivators, are gaining popularity due to their affordability and suitability for small to medium-sized farms. These tools enable farmers to perform essential tasks with greater precision and efficiency. The growing trend towards sustainable and organic farming practices also contributes to the increased demand for small implements, as they are ideal for minimal soil disturbance and targeted application of inputs.

### Region with largest share:

The Asia Pacific region is anticipated to account for the largest market share over the forecast period. The region's large agricultural base, combined with rapid economic growth and increasing mechanization, drives the demand for farm implements. Countries like China and India are investing heavily in modernizing their agricultural sectors to enhance food security and support rural development. The adoption of advanced farming equipment is seen as a key strategy to boost productivity and meet

the food demands of their growing populations.

Region with highest CAGR:

The Asia Pacific region is anticipated to register the highest growth rate over the forecast period. The rapid adoption of advanced farm equipment in this region is driven by factors such as government initiatives, increasing mechanization, and the need to improve agricultural productivity. The region's diverse agricultural landscape and the shift towards commercial farming practices further contribute to the accelerated growth of the farm implements market. This trend is expected to continue as countries in the region strive to modernize their agricultural sector.

Key players in the market

Some of the key players in Farm Implements Market include John Deere, CNH Industrial N.V., AGCO Corporation, Kubota Corporation, CLAAS KGaA mbH, Mahindra & Mahindra Limited, JC Bamford Excavators Limited (JCB), SDF Group, Iseki & Co., Ltd., Daedong Industrial Co., Ltd., Lindsay Corporation, Kuhn Group, Alamo Group Inc., Tractors and Farm Equipment Limited, Maschio Gaspardo S.p.A., China National Machinery Industry Corporation and Escorts Limited.

Key Developments:

In December 2024, AGCO Agriculture Foundation (the “Foundation”), a private foundation with the vision to prevent and relieve hunger through sustainable agricultural development, announced a new partnership with the Instituto de Conservacao Ambiental, The Nature Conservancy (TNC) Brazil.

In July 2024, AGCO Corporation, a global leader in the design, manufacture and distribution of agricultural machinery and precision ag technology, announced it has entered into a definitive agreement to sell the majority of its Grain & Protein business to American Industrial Partners ('AIP') in an all-cash transaction valued at \$700 million, subject to working capital and other customary closing adjustments.

In February 2024, John Deere announced its new lineup of high-horsepower four-track tractors, including an industry-leading 830 horsepower option. With weather patterns shifting, the labor pool shrinking and input costs rising, the ability to prep the field, plant and harvest faster, and at a lower cost per acre, has never been more critical. The new 2025 lineup of high-horsepower four-track tractors from John Deere features three new

models with new engine and hydraulic options, new technology packages, cab updates and more.

#### Equipment Types Covered:

Tillage Equipment

Sowing Equipment

Harvesting Equipment

Irrigation Equipment

Fertiliser & Pesticide Application Equipment

Livestock Handling Equipment

Greenhouse Equipment

Tractors

Other Equipment Types

#### Operations Covered:

Manual

Semi-Autonomous

Autonomous

#### Functions Covered:

Land Development and Seedbed Preparation

Sowing and Planting

Weed Cultivation

Plant Protection

Harvesting and Threshing

Post-Harvest and Agro Processing

Capacities Covered:

Small Implements

Medium Implements

Large Implements

Sales Channels Covered:

Direct Sales

Distributors/Dealers

Online Platforms

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Emerging Markets
- 3.7 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL FARM IMPLEMENTS MARKET, BY EQUIPMENT TYPE**

- 5.1 Introduction
- 5.2 Tillage Equipment
  - 5.2.1 Ploughs
  - 5.2.2 Harrows
  - 5.2.3 Cultivators
- 5.3 Sowing Equipment
  - 5.3.1 Seed Drills
  - 5.3.2 Planters
- 5.4 Harvesting Equipment
  - 5.4.1 Reapers
  - 5.4.2 Harvesters
  - 5.4.3 Threshers
  - 5.4.4 Combines
- 5.5 Irrigation Equipment
  - 5.5.1 Sprinklers
  - 5.5.2 Drip Irrigation Systems
- 5.6 Fertiliser & Pesticide Application Equipment
  - 5.6.1 Sprayers
  - 5.6.2 Spreaders
- 5.7 Livestock Handling Equipment
- 5.8 Greenhouse Equipment
- 5.9 Tractors
- 5.10 Other Equipment Types

## **6 GLOBAL FARM IMPLEMENTS MARKET, BY OPERATION**

- 6.1 Introduction
- 6.2 Manual
- 6.3 Semi-Autonomous
- 6.4 Autonomous

## **7 GLOBAL FARM IMPLEMENTS MARKET, BY FUNCTION**

- 7.1 Introduction
- 7.2 Land Development and Seedbed Preparation
- 7.3 Sowing and Planting
- 7.4 Weed Cultivation
- 7.5 Plant Protection
- 7.6 Harvesting and Threshing

## 7.7 Post-Harvest and Agro Processing

# **8 GLOBAL FARM IMPLEMENTS MARKET, BY CAPACITY**

## 8.1 Introduction

## 8.2 Small Implements

## 8.3 Medium Implements

## 8.4 Large Implements

# **9 GLOBAL FARM IMPLEMENTS MARKET, BY SALES CHANNEL**

## 9.1 Introduction

## 9.2 Direct Sales

## 9.3 Distributors/Dealers

## 9.4 Online Platforms

# **10 GLOBAL FARM IMPLEMENTS MARKET, BY GEOGRAPHY**

## 10.1 Introduction

## 10.2 North America

### 10.2.1 US

### 10.2.2 Canada

### 10.2.3 Mexico

## 10.3 Europe

### 10.3.1 Germany

### 10.3.2 UK

### 10.3.3 Italy

### 10.3.4 France

### 10.3.5 Spain

### 10.3.6 Rest of Europe

## 10.4 Asia Pacific

### 10.4.1 Japan

### 10.4.2 China

### 10.4.3 India

### 10.4.4 Australia

### 10.4.5 New Zealand

### 10.4.6 South Korea

### 10.4.7 Rest of Asia Pacific

## 10.5 South America

- 10.5.1 Argentina
- 10.5.2 Brazil
- 10.5.3 Chile
- 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 John Deere
- 12.2 CNH Industrial N.V.
- 12.3 AGCO Corporation
- 12.4 Kubota Corporation
- 12.5 CLAAS KGaA mbH
- 12.6 Mahindra & Mahindra Limited
- 12.7 JC Bamford Excavators Limited (JCB)
- 12.8 SDF Group
- 12.9 Iseki & Co., Ltd.
- 12.10 Daedong Industrial Co., Ltd.
- 12.11 Lindsay Corporation
- 12.12 Kuhn Group
- 12.13 Alamo Group Inc.
- 12.14 Tractors and Farm Equipment Limited
- 12.15 Maschio Gaspardo S.p.A.
- 12.16 China National Machinery Industry Corporation
- 12.17 Escorts Limited

## List Of Tables

### LIST OF TABLES

Table 1 Global Farm Implements Market Outlook, By Region (2022-2030) (\$MN)

Table 2 Global Farm Implements Market Outlook, By Equipment Type (2022-2030) (\$MN)

Table 3 Global Farm Implements Market Outlook, By Tillage Equipment (2022-2030) (\$MN)

Table 4 Global Farm Implements Market Outlook, By Ploughs (2022-2030) (\$MN)

Table 5 Global Farm Implements Market Outlook, By Harrows (2022-2030) (\$MN)

Table 6 Global Farm Implements Market Outlook, By Cultivators (2022-2030) (\$MN)

Table 7 Global Farm Implements Market Outlook, By Sowing Equipment (2022-2030) (\$MN)

Table 8 Global Farm Implements Market Outlook, By Seed Drills (2022-2030) (\$MN)

Table 9 Global Farm Implements Market Outlook, By Planters (2022-2030) (\$MN)

Table 10 Global Farm Implements Market Outlook, By Harvesting Equipment (2022-2030) (\$MN)

Table 11 Global Farm Implements Market Outlook, By Reapers (2022-2030) (\$MN)

Table 12 Global Farm Implements Market Outlook, By Harvesters (2022-2030) (\$MN)

Table 13 Global Farm Implements Market Outlook, By Threshers (2022-2030) (\$MN)

Table 14 Global Farm Implements Market Outlook, By Combines (2022-2030) (\$MN)

Table 15 Global Farm Implements Market Outlook, By Irrigation Equipment (2022-2030) (\$MN)

Table 16 Global Farm Implements Market Outlook, By Sprinklers (2022-2030) (\$MN)

Table 17 Global Farm Implements Market Outlook, By Drip Irrigation Systems (2022-2030) (\$MN)

Table 18 Global Farm Implements Market Outlook, By Fertiliser & Pesticide Application Equipment (2022-2030) (\$MN)

Table 19 Global Farm Implements Market Outlook, By Sprayers (2022-2030) (\$MN)

Table 20 Global Farm Implements Market Outlook, By Spreaders (2022-2030) (\$MN)

Table 21 Global Farm Implements Market Outlook, By Livestock Handling Equipment (2022-2030) (\$MN)

Table 22 Global Farm Implements Market Outlook, By Greenhouse Equipment (2022-2030) (\$MN)

Table 23 Global Farm Implements Market Outlook, By Tractors (2022-2030) (\$MN)

Table 24 Global Farm Implements Market Outlook, By Other Equipment Types (2022-2030) (\$MN)

Table 25 Global Farm Implements Market Outlook, By Operation (2022-2030) (\$MN)

Table 26 Global Farm Implements Market Outlook, By Manual (2022-2030) (\$MN)

Table 27 Global Farm Implements Market Outlook, By Semi-Autonomous (2022-2030) (\$MN)

Table 28 Global Farm Implements Market Outlook, By Autonomous (2022-2030) (\$MN)

Table 29 Global Farm Implements Market Outlook, By Function (2022-2030) (\$MN)

Table 30 Global Farm Implements Market Outlook, By Land Development and Seedbed Preparation (2022-2030) (\$MN)

Table 31 Global Farm Implements Market Outlook, By Sowing and Planting (2022-2030) (\$MN)

Table 32 Global Farm Implements Market Outlook, By Weed Cultivation (2022-2030) (\$MN)

Table 33 Global Farm Implements Market Outlook, By Plant Protection (2022-2030) (\$MN)

Table 34 Global Farm Implements Market Outlook, By Harvesting and Threshing (2022-2030) (\$MN)

Table 35 Global Farm Implements Market Outlook, By Post-Harvest and Agro Processing (2022-2030) (\$MN)

Table 36 Global Farm Implements Market Outlook, By Capacity (2022-2030) (\$MN)

Table 37 Global Farm Implements Market Outlook, By Small Implements (2022-2030) (\$MN)

Table 38 Global Farm Implements Market Outlook, By Medium Implements (2022-2030) (\$MN)

Table 39 Global Farm Implements Market Outlook, By Large Implements (2022-2030) (\$MN)

Table 40 Global Farm Implements Market Outlook, By Sales Channel (2022-2030) (\$MN)

Table 41 Global Farm Implements Market Outlook, By Direct Sales (2022-2030) (\$MN)

Table 42 Global Farm Implements Market Outlook, By Distributors/Dealers (2022-2030) (\$MN)

Table 43 Global Farm Implements Market Outlook, By Online Platforms (2022-2030) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

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