

Global Sowing and Planting Equipment Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Sowing and Planting Equipment market size is expected to reach \$ 1533 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

Sowing and planting equipment encompasses a diverse category of mechanized agricultural machinery engineered to insert seeds, seedlings, or tubers into the soil at precise depths, uniform intervals, and optimal row spacings. These implements?ranging from traditional grain drills and broadcast seeders to highly advanced vacuum precision planters and automated transplanters?replace manual distribution methods to maximize germination rates and streamline field operations. By combining specialized seed-metering systems, furrow openers, and soil-closing mechanisms into a single integrated platform, this equipment establishes the foundational architecture for uniform crop emergence, optimized resource utilization, and maximized yield potential across modern agricultural ecosystems.

In 2025, global sowing and planting equipment production reached approximately 28.63 k units, with an average global market price of around US\$ 34613 per unit. And global sowing and planting equipment production capacity reached approximately 42 k units. The average gross margin in this industry reached 16.74%.

The upstream supply chain for sowing and planting equipment is anchored by heavy industrial metallurgy, precision plastic injection molding, and an increasingly sophisticated layer of electronic component manufacturing. The structural framework of these large-scale machines requires high-tensile structural steel and galvanized iron sheets, which are cut, forged, and welded into heavy-duty frames by specialized steel fabrication houses. Critical soil-engaging components, such as concave disc furrow

openers, shovel-type boots, and high-wear seed-metering plates, depend on premium boron or carbon steels treated for extreme abrasion resistance.

On the technology front, the shift toward precision agriculture has elevated advanced component suppliers to a vital tier in the upstream network. Firms like John Deere, CNH Industrial, and AGCO Corporation pull hardware inputs from specialized external vendors?including pneumatic vacuum pumps, electric drive motors (such as those from Precision Planting), GPS-GNSS satellite modules, infrared seed-drop sensors, and automated depth-control actuators. Additionally, the seed and fertilizer hoppers themselves are fabricated by high-capacity rotational molding processors utilizing UV-stabilized, high-density polyethylene (HDPE) resins to survive intense sun exposure and chemical corrosion in the field.

The downstream segment focuses on the real-world deployment of sowing and planting equipment across a broad spectrum of commercial, industrial, and highly specialized cultivation applications. The primary high-volume application is concentrated within large-scale row-crop farming operations, where massive 24- to 48-row precision vacuum planters are used to establish staple crops like corn, soybeans, and cotton across vast expanses in North America, South America, and Western Europe. A second major application is broadacre cereal and grain production, where high-capacity air seeders and mechanical seed-cum-fertilizer drills are utilized to efficiently cover thousands of hectares of wheat, barley, and canola in a single pass.

The equipment also plays a critical role in specialized vegetable and root crop cultivation; commercial growers deploy dedicated automated transplanters for delicate nursery-raised seedlings such as tomatoes, cabbage, and rice, alongside heavy-duty potato planters designed to handle irregularly shaped seed tubers. Finally, a rapidly growing downstream niche is emerging in sustainable no-till and conservation agriculture, where progressive farmers invest in specialized zero-tillage seed drills fitted with heavy cutting coulters designed to slice directly through dense cover-crop residue, preserving soil structure and minimizing carbon moisture loss while planting.

This report studies the global Sowing and Planting Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Sowing and Planting Equipment and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Sowing and Planting

Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Sowing and Planting Equipment total production and demand, 2021-2032, (K Units)

Global Sowing and Planting Equipment total production value, 2021-2032, (USD Million)

Global Sowing and Planting Equipment production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Sowing and Planting Equipment consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Sowing and Planting Equipment domestic production, consumption, key domestic manufacturers and share

Global Sowing and Planting Equipment production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Sowing and Planting Equipment production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Sowing and Planting Equipment production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Sowing and Planting Equipment market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include John Deere (US), AGCO (US), Kinze Manufacturing (US), Case IH (US), Bourgault Industries (CA), V?derstad (SE), Seedmaster Manufacturing (CA), Morris Industries (CA), Stara (BR), Kasco Manufacturing (US), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Sowing and Planting Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the

forecast year.

Global Sowing and Planting Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Sowing and Planting Equipment Market, Segmentation by Type:

by Equipment

by Crop Type

by Operation

Global Sowing and Planting Equipment Market, Segmentation by Maximum Operational Speed:

3 to 5 mph

5 to 7 mph

Others

Global Sowing and Planting Equipment Market, Segmentation by Seed Metering Mechanism:

Fluted Roller

Inclined Plate

Pneumatic Disc

Others

Global Sowing and Planting Equipment Market, Segmentation by Application:

Agricultural

Horticultural

Others

Companies Profiled:

John Deere (US)

AGCO (US)

Kinze Manufacturing (US)

Case IH (US)

Bourgault Industries (CA)

V?derstad (SE)

Seedmaster Manufacturing (CA)

Morris Industries (CA)

Stara (BR)

Kasco Manufacturing (US)

Davimac (AU)

LEMKEN (DE)

Amazone (DE)

Yanmar (JP)

HORSCH (DE)

KUHN (FR)

Zoomlion (CN)

Hebei Nonghaha Group (CN)

Key Questions Answered:

1. How big is the global Sowing and Planting Equipment market?
2. What is the demand of the global Sowing and Planting Equipment market?
3. What is the year over year growth of the global Sowing and Planting Equipment market?
4. What is the production and production value of the global Sowing and Planting Equipment market?
5. Who are the key producers in the global Sowing and Planting Equipment market?
6. What are the growth factors driving the market demand?

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