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Agricultural Equipment: United Kingdom

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About This Report

Scope

This report forecasts to 2022 agricultural equipment demand and shipments in nominal US dollars at the manufacturer level in the UK. Total demand is segmented by product in terms of:

- farm tractors
- harvesting machinery
- haying machinery
- livestock machinery
- planting and fertilizing machinery
- plowing and cultivating machinery
- other agricultural equipment products such as farm trailers, irrigation equipment, and sprayers
- parts and attachments

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; shipments and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

Forest machinery and certain other loosely related products – such as lawn and garden equipment and commercial lawn and turf care equipment – are excluded from the scope of this report. Also excluded is used and rebuilt equipment.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2017.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Agricultural Equipment: United Kingdom (FB75037) is based on [Global Agricultural Equipment](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers

About This Report

- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 5 | HS Codes Related to Agricultural Equipment

HS Code	Definition
843210	Ploughs (for agriculture, horticulture, and forestry)
843221	Disc harrows (for agriculture, horticulture, and forestry)
843229	Scarifiers, cultivators, weeders, and hoes (for agriculture, horticulture, and forestry)
843230	Seeders, planters, and transplanters
843240	Manure spreaders and fertilizer distributors
843280	Rollers, stone-removers, and other soil preparation or cultivation machinery, nes
843290	Parts for rollers and other soil preparation or cultivation machinery
843320	Other mowers nes (including cutter bars for tractor mounting)
843330	Swathers, windrowers, and other haymaking machinery
843340	Straw or fodder balers, including pick-up balers
843351	Combine harvester-threshers
843352	Other threshing machinery, nes (other than combine harvesters)
843353	Root or tuber harvesting machines
843359	Forage harvesters and other harvesting machinery, nes
843390	Parts of harvesting, threshing, and other agricultural and mowing machinery
843410	Milking machines
843420	Dairy machinery
843490	Parts of milking machines and dairy machinery
843621	Poultry incubators and brooders
843629	Poultry-keeping machinery, nes
843691	Parts of poultry-keeping machinery or poultry incubators and breeders
870110	Pedestrian controlled tractors
870190	Other wheeled tractors, nes

Source: United Nations Statistics Division

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Table 6 | NACE Codes Related to Agricultural Equipment

NACE Code	Definition
28.30	Manufacture of agricultural and forestry machinery

Source: European Commission

Table 7 | SITC Codes Related to Agricultural Equipment

SITC Code	Definition
7211	Agricultural, horticultural, or forestry machinery for soil preparation or cultivation; lawn or sports grounds rollers; and parts thereof
7212	Harvesting or threshing machinery; grass or hay mowers; cleaning, sorting, and grading machinery for eggs, fruit, seed, etc; parts there, nes
7213	Milking machines and dairy machinery and parts thereof
7219	Agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, nes and parts thereof, nes
7224	Wheeled tractors (other than mechanical handling equipment)

Source: United Nations Statistics Division

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term

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historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Global Agricultural Equipment

Freedonia Industry Studies

Food Containers in the US

Global Fertilizers

Global Food Processing Machinery

Global Forestry Equipment

Global Mining Equipment

Global Off-Road Equipment Technology 2019

Home & Garden Pesticides

Power Lawn & Garden Equipment

Produce Packaging Market in the US

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Dough, Dry Pasta, & Tortillas: United States

Fertilizers: United States

Field Crop Seeds: United States

Global Agricultural Equipment

Grain-Based Foods: United States

Industrial Rubber Products: United Kingdom

Meat & Poultry Products: United States

Nuts & Seeds: United States

Soybean Products: United States

Tires: United Kingdom

Freedonia Custom Research

Trade Publications

Agri News

Diesel Progress

Farm Equipment

Farm Journal

Tractor Magazine

Agencies & Associations

Agricultural Engineers Association

Association of Equipment Manufacturers

ASTM International

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Committee for European Construction Equipment
Department for Environment, Food & Rural Affairs
European Committee for Standardization
Eurostat
National Farmers' Union
United Nations Comtrade
World Bank