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US Collection

Construction Machinery: United States

August 2017



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About This Report

Scope & Method

This report forecasts US construction machinery demand and production in US dollars at the manufacturers' level to 2021. Total demand is segmented by product in terms of:

- excavators
- cranes and draglines
- loaders
- dozers and off-highway trucks
- mixers, pavers, and related equipment
- graders, rollers, and related equipment
- parts and attachments.

Construction machinery used in mining, energy, forestry, and other nontraditional applications (eg, agriculture) is included in this report. This report covers both self-powered and non-self-powered machinery. However, handheld equipment, such as jackhammers, is excluded from the scope of this report. Also excluded from the scope of the report are certain products sometimes considered to be construction equipment, including aerial work platforms, dredging machinery, forklifts and telehandlers, industrial cranes, log splitters, pile driving equipment, and tunneling machinery. Used construction equipment of all types and sales of parts and attachments to new machinery original equipment manufacturers (OEMs) are outside the scope of this report as well.

To illustrate historical trends, total demand and total production are provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2006, 2011, and 2016.

This report 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.

About This Report

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

Construction Machinery: United States (FF75027) is based on [Global Construction Machinery](#), 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 including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international 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 | Industry Codes Related to Construction Machinery

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
333120	Construction Machinery Mfg	3531	Construction Machinery and Equipment
333131	Mining Machinery and Equipment Mfg	3532	Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment

Source: US Census Bureau

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Resources

The Freedonia Group

Global Construction Machinery, August 2017

Freedonia Industry Studies

Asphalt Market Forecasts, July 2017

Low-Slope Roofing Market in the US, July 2017

Paving Asphalt Market in the US, June 2017

Windows Market in the US, June 2017

Global Bus Market, May 2017

Global Power Tools Market, May 2017

Global Countertops Market, April 2017

Global Diesel Engine Market, January 2017

Global Flooring Market, January 2017

World Construction Aggregates, March 2016

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Agricultural Equipment: United States

Construction Aggregates: United States

Construction: United States

Fabricated Metal Products: United States

Global Power Tools

Housing: United States

Macroeconomy: United States

Material Handling Equipment: United States

Mining & Quarrying: United States

Nonresidential Building Construction: United States

Power Tools: United States

Prefabricated Housing: United States

World Construction Aggregates

World Material Handling Equipment

Freedonia Custom Research

Trade Publications

Construction Equipment

Construction Today

Diesel Progress

Equipment World

International Construction

OEM Off-Highway

Agencies & Associations

Association of Equipment Manufacturers

ASTM International

Mine Safety and Health Administration

Occupational Safety and Health Administration

United States Census Bureau

United States Environmental Protection Agency

United States International Trade Commission