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# Power Tools

May 2017



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# About This Report

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## Scope & Method

This report forecasts global demand in 2021 for power tools by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- electric drills
- electric saws
- electric sanders, polishers, and grinders
- other electric tools such as hammers, planers, and routers
- electric tool parts and accessories
- pneumatic tools
- other power tools such as engine-driven, hydraulic, and powder-actuated.

Excluded from the scope of this report are chainsaws, non-portable saws such as wall tools, lawn and garden tools, and bench tools.

Reported markets encompass:

- professional
- consumer.

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2006, 2011, and 2016. Finally, global production is segmented by major world region and provided for 2006, 2011, 2016, and 2021.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

## About This Report

Unless otherwise indicated, historical demand and production values are expressed in US dollars at the prevailing rate of exchange with local currencies. Forecasts to 2021, however, assume a fixed 2016 exchange rate.

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

*Global Power Tools* (FW75025) is based on 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 10 | Industry Codes Related to Power Tools

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
333618	Other Engine Equipment Mfg	3519	Internal Combustion Engines, NEC
333991	Power-Driven Handtool Mfg	3546	Power-Driven Handtools
335312	Motor & Generator Mfg	3621	Motors & Generators
335911	Storage Battery Mfg	3691	Storage Batteries

Source: US Census Bureau

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## Resources

### The Freedonia Group

*Global Power Tools Market*, May 2017

### Freedonia Industry Studies

*Power Lawn & Garden Equipment Market in the US*, February 2017

*Single-Use (Primary) Batteries*, November 2016

*Rechargeable (Secondary) Batteries*, September 2016

*Hand Tools*, July 2016

*Power Tools*, June 2016

*World Machine Tools*, January 2016

*World Batteries*, July 2015

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*Batteries: United States*

*Construction: United States*

*Hand Tools: United States*

*Housing: United States*

*Manufacturing: United States*

*Motor Vehicles: United States*

*Nonresidential Building Construction: United States*

*Power Lawn & Garden Equipment: United States*

*Power Tools: United States*

### Freedonia Custom Research

### Trade Publications

*Hardware Retailing*

*HBS Dealer*

*Machine Design*

*Popular Mechanics*

*Retailing Today*

### Agencies & Associations

China Electrical Equipment Industry Association

China Machinery Industry Federation

The European Power Tool Association

Eurostat

Instituto Nacional de Estadística y Geografía

International Monetary Fund

## About This Report

Japan Ministry of Economy, Trade and Industry  
Organisation for Economic Co-operation and Development  
Power Tool Institute  
Statistics Canada  
Taiwan Bureau of Foreign Trade  
UN Comtrade  
United States Census Bureau  
United States International Trade Commission  
World Bank