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Power Tools: United States

May 2017



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About This Report

Scope & Method

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

- 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.

Total demand is also segmented by market as follows:

- professional
- consumer.

To illustrate historical trends, total demand and total shipments are provided in annual series from 2006 to 2016; the various demand 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.

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

Power Tools: United States (FF75025) is based on [Global Power Tools Market](#), 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 7 | 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 in the US, 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

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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

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Building Trades Association

National Association of Home Builders

National Association of Manufacturers

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Occupational Safety and Health Administration
Power Tool Institute
United States Census Bureau
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