

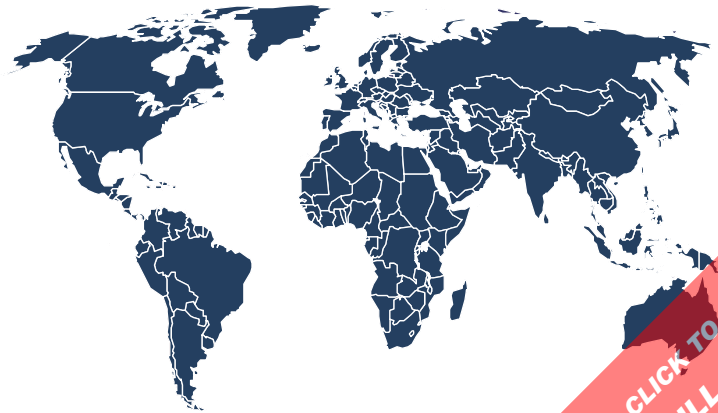
Freedonia Focus Reports
World Collection



World

Machine Tools

January 2016



Highlights

World Overview and Forecasts

Demand by Product | Demand by Market | Production Trends

Regional Trends and Forecasts

Regional Demand Overview | North America | Western Europe | Asia/Pacific
Other Regions

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total world demand in 2019 for machine tools by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- metal cutting
- metal forming
- accessories and spare parts.

Excluded from the scope of this report are tools designed primarily for home use or nonmetal applications, as well as industrial patterns, welding apparatus, and other types of metalworking machinery (eg, foundry equipment). Also excluded are used machine tools of all types and related services such as equipment rebuilding, retrofitting, and systems integration.

Reported markets encompass:

- machinery
- transportation equipment
- primary and fabricated metals
- electrical and electronic equipment
- other markets such as construction, packaging, and power generation.

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions. Demand by product segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product segments) are provided for 2009 and 2014. Further, regional demand is segmented by market for 2014. Finally, world shipments are segmented by major world region and provided for 2009, 2014, and 2019.

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. Unless otherwise indicated, historical demand and production values are expressed in US dollars at the prevailing rate of exchange with local currencies. Forecasts to 2019, however, assume a fixed

2014 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

World Machine Tools (FW75018) is based on [a comprehensive industry study](#) published by The Freedonia Group in January 2016. 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 industry 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

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
333512	Machine Tool (Metal Cutting Types) Mfg	3541	Machine Tools, Metal Cutting Types
333513	Machine Tool (Metal Forming Types) Mfg	3542	Machine Tools, Metal Forming Types
333514	Special Die and Tool, Die Set, Jig, and Fixture Mfg	3544	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds
333515	Cutting Tool and Machine Tool Accessory Mfg	3545	Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices

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Table of Contents

Section	Page
About This Report	i
Highlights.....	1
World Overview & Forecasts.....	2
Demand by Product	2
Chart 1 World Machine Tool Demand by Product, 2014.....	2
Metal Cutting.....	2
Metal Forming.....	3
Accessories & Spare Parts.....	4
Table 1 World Machine Tool Demand by Product; 2009, 2014, 2019 (US\$ mil)	5
Demand by Market.....	6
Chart 2 World Machine Tool Demand by Market, 2014	6
Machinery.....	6
Transportation Equipment.....	7
Primary & Fabricated Metals.....	7
Electrical & Electronic Equipment.....	8
Other Markets.....	9
Table 2 World Machine Tool Demand by Market; 2009, 2014, 2019 (US\$ mil).....	9
Production Trends.....	10
Table 3 World Machine Tool Shipments by Region; 2009, 2014, 2019 (US\$ mil)	11
Regional Trends & Forecasts.....	12
Regional Demand Overview	12
Chart 3 World Machine Tool Demand by Region, 2014.....	12
Table 4 World Machine Tool Demand by Region; 2009, 2014, 2019 (US\$ mil)	13
North America	14
Chart 4 North America: Machine Tool Demand by Market, 2014.....	14
Table 5 North America: Machine Tool Demand by Product; 2009, 2014, 2019 (US\$ mil).....	15
Western Europe	16
Chart 5 Western Europe: Machine Tool Demand by Market, 2014.....	16
Table 6 Western Europe: Machine Tool Demand by Product; 2009, 2014, 2019 (US\$ mil).....	17
Asia/Pacific	18
Chart 6 Asia/Pacific: Machine Tool Demand by Market, 2014.....	18
Table 7 Asia/Pacific: Machine Tool Demand by Product; 2009, 2014, 2019 (US\$ mil)	19
Other Regions	20
Chart 7 Other Regions: Machine Tool Demand, 2014	20
Central & South America.....	20
Eastern Europe.....	21
Africa/Mideast.....	23
Table 8 Other Regions: Machine Tool Demand; 2009, 2014, 2019 (US\$ mil).....	24
Industry Structure.....	25
Industry Composition & Characteristics	25
Company Profile 1 Sandvik AB.....	26
Company Profile 2 Trumpf Group.....	27
Company Profile 3 Yamazaki Mazak Corporation.....	28
Additional Companies Cited.....	29
Resources	30

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
PDF bookmarks are also available for navigation.

RESOURCES

The Freedonia Group

3373 <i>World Machine Tools</i> , January 2016	www.freedoniagroup.com
Related Industry Studies	see study contents
3369 <i>World Industrial Valves</i> , January 2016	see study contents
3320 <i>World Gears</i> , October 2015	see study contents
3323 <i>World Packaging Machinery</i> , September 2015	see study contents
3275 <i>World Food Processing Machinery</i> , June 2015	see study contents
3231 <i>World Pumps</i> , January 2015	see study contents
Related Focus Reports	
<i>Fabricated Metal Products: United States</i>	see report contents
<i>Industrial Castings: United States</i>	see report contents
<i>Machine Tools: United States</i>	see report contents
<i>Metal Stampings: United States</i>	see report contents
<i>Steel Mill Products: United States</i>	see report contents
<i>World Gears</i>	see report contents
<i>World Industrial Valves</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>American Machinist</i> (USA)	www.americanmachinist.com
<i>Cutting Tool Engineering</i> (USA)	www.ctemag.com
<i>Machine Design</i> (USA)	machinedesign.com
<i>MetalForming</i> (USA)	www.metalformingmagazine.com
<i>Metalworking World Magazine</i> (Italy)	www.metalworkingworldmagazine.com
<i>Modern Machine Shop</i> (USA)	www.mmsonline.com

Agencies & Associations

ASTM International	www.astm.org
European Union	europa.eu
Eurostat	ec.europa.eu/eurostat
International Monetary Fund	www.imf.org
Organisation for Economic Co-operation and Development	www.oecd.org
Precision Metalforming Association	www.pma.org
Robotic Industries Association	www.robotics.org
United Nations	www.un.org
World Bank	www.worldbank.org

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