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World Construction Machinery

Industry Study with Forecasts for **2019 & 2024**

Study #3282 | June 2015 | \$6500 | 447 pages

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INDUSTRY STRUCTURE

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As infrastructure spending continues to increase, developing regions will register above average gains, with more than two-thirds of all new construction equipment demand being attributable to China.

World demand to rise 3.9% annually through 2019

World demand for construction machinery is forecast to advance 3.9 percent per year through 2019 to \$218 billion, decelerating significantly from the pace of the 2009-2014 period. The Asia/Pacific region, Central and South America, and the Africa/Mideast region are all expected to register above average gains moving forward as construction spending, especially on infrastructure projects, continues to increase in developing countries. More than two-thirds of all additional construction equipment demand generated between 2014 and 2019 will be attributable to China. In contrast, industrialized areas like North America and Western Europe will underperform in the global market in large part due to strong sales in 2014 as these countries recovered from the global financial crisis and operators replaced older machines. As a result of these relatively recent new purchases, as well as the large used equipment markets in these countries, replacement sales are expected to slow.

Continued growth in construction activity and significant investment in large surface mining projects will help Central and South America recover from the sales declines registered between 2009 and 2014. Demand in the region had dropped largely due to declining sales in Brazil, which purchased a significant amount of new construction equipment in the intervening years in preparation for the 2014 FIFA World Cup and the 2016

World Construction Machinery Demand, 2019 (\$218 billion)



Asia/Pacific

North America

Western Europe

Other Regions

Summer Olympics. Increased surface mining activity and rising construction expenditures of all kinds will help drive construction machinery demand in the Africa/Mideast region. Sales of equipment in Eastern Europe are expected to slow from the 2009-2014 period but still grow roughly in line with global demand. Market expansion will be fueled by an acceleration in all types of construction spending, particularly nonbuilding.

Excavators, loaders to be fastest growing machinery

Demand for excavators and loaders is expected to advance at the fastest pace of any major construction machinery product segment through 2019. Sales of

these products will be fueled by rising construction and surface mining activity, as loaders and excavators are versatile and can be used in a variety of settings. Increased infrastructure spending will help support advances for graders, mixers, pavers, rollers, and related equipment, while rising residential building construction spending, particularly in urban areas, will help drive new crane sales. Although demand for dozers and off-highway trucks will expand at the slowest rate of any major product category through 2019, increased surface mining activity will help support gains for these machines. As more operators purchase new machinery amid improving economies, sales of aftermarket parts and attachments will suffer.

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Sample Text, Table & Chart

ASIA/PACIFIC

Japan: Construction Machinery Supply & Demand

The market for construction machinery in Japan totaled \$21.5 billion in 2014, accounting for 16 percent of regional demand and making it the third largest market for this equipment in the world behind the US and China. The country's sizable building stock, elaborate infrastructure, and diverse construction and mining industries create a significant amount of equipment demand. Also, small residential buildings in Japan have a shorter lifespan than in other countries, and local construction techniques and the building materials used in these structures are demolished and rebuilt more frequently. A large share of the construction work done in Japan is carried out in densely populated urban areas, the country has high levels of demand for such products as cranes and compact excavators and loaders. Demand for construction equipment in Japan rose at a 15 percent annual rate from 2009 to 2014, bolstered by improving economic conditions, growth in construction expenditures, and significant pent-up demand.

Japan is also the world's third largest supplier of construction machinery, with 2014 shipments of \$21.5 billion representing a quarter of regional output. Japanese manufacturers operate state-of-the-art facilities and offer a range of technologically advanced machines. The equipment produced in Japan is known for its quality and is competitive with products from any other country, despite usually being more expensive. From 2009 to 2014, construction machinery shipments from Japan grew at an average of 15 percent per year. Manufacturing gains are largely due to local demand, although Japanese manufacturers also export equipment to all regions. Japan has a trade surplus of \$10 billion in construction machinery output. Significant exports for Japan include the US, Indonesia, Russia, China, and Australia.

**SAMPLE
TEXT**

TABLE V-3

GERMANY: CONSTRUCTION MACHINERY SUPPLY & DEMAND (million dollars)

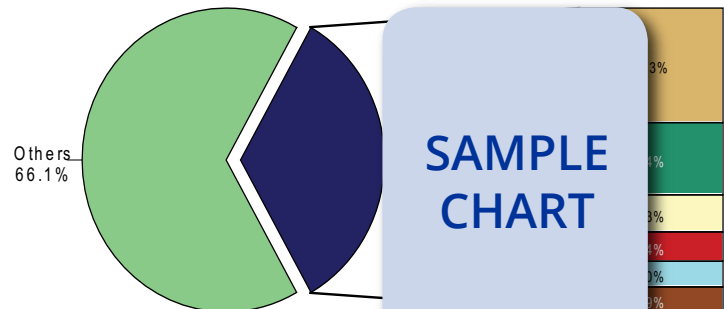
Item	2004	2009	2014	2019	2024
Population (millions)					
per capita GDP					
Gross Domestic Product (bil 2013\$)					
% construction					
Construction Expenditures (bil 2013\$)					
Nonbuilding					
Residential Building					
Nonresidential Building					
\$ machinery/capita					
\$ machinery/000\$ GDP					
\$ machinery/000\$ construction					
Construction Machinery Demand					
net exports					
Construction Machinery Shipments					
% Germany					
W Europe Construction Machinery Shpts					

**SAMPLE
TABLE**

Source: The Freedonia Group, Inc.

CHART VIII-1

WORLD CONSTRUCTION MACHINERY MARKET SHARE (\$180.0 billion, 2014)



**SAMPLE
CHART**

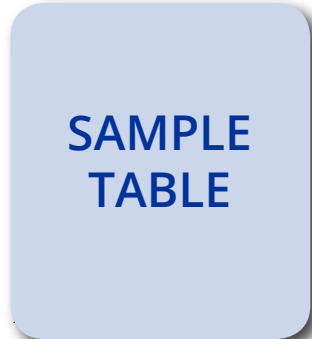
Sample Profile & Table, & Study Coverage

TABLE VII-4

BRAZIL: CONSTRUCTION MACHINERY DEMAND BY PRODUCT (million dollars)

Item	2004	2009	2014	2019	2024
Construction Machinery Demand					
Loaders					
Cranes & Draglines					
Dozers & Off-Highway Trucks					
Excavators					
Mixers, Pavers, & Related Equipment					
Graders, Rollers, & Related Equipment					
Parts & Attachments					
% Brazil					
C&S America Constr Machinery Demand					

Source: The Freedonia Group, Inc.



COMPANY PROFILES

Belarusian Autoworks OJSC
 40 let Oktyabrya Street 4
 222160 Zhodino
 Belarus
 375-1775-3-2
<http://www.be>

Annual Sales:
 Employment:

Key Products: concrete mixers, and dump trucks

SAMPLE PROFILE

Belarusian Autoworks, or BELAZ, is a manufacturer of dump trucks and other heavy vehicles for use in mining and construction applications. The Company is privately held.

The Company participates in the world construction equipment industry through the manufacture of wheel loaders, wheel dozers, and concrete mixers. These items are marketed under the BELAZ and MOAZ brand names. BELAZ's wheel loaders have engines with power ratings ranging from 360 to 490 horsepower (hp), hydromechanical transmissions, and payload capacities of up to 10 metric tons. In March 2015, the Company expanded its wheel loader line with the introduction of the BELAZ-78250 model, which features a bucket capacity of 11.5 cubic meters and a payload capacity of 20 metric tons.

Wheel dozers from BELAZ include the BELAZ-7823 type, which has a 3.9 meter wide blade and a operating weight of 50,000 kilograms (kg); and the MOAZ-4048 variety, which is equipped with a 4.2 meter wide blade and an operating weight of 30,400 kg. The Company makes concrete mixers with payload capacities up to 11 metric tons. BELAZ

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STUDY COVERAGE

This Freedonia study, *World Construction Machinery*, offers historical demand data (2004, 2009, 2014) plus forecasts (2019, 2024) for supply and demand, as well as demand by product, in 6 regions and 18 countries. The study also considers key market environment factors, assesses the industry structure, evaluates company market share and profiles 37 global industry players.

Related Studies

World Elevators

This study analyzes the world elevator industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by product (e.g., passenger and freight elevators, escalators and moving walkways, parts), service (installation, modernization and repair) and market (residential, nonresidential), world region and major country. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#3324..... October 2015.....\$6300

Industrial Rubber Products

US demand for industrial rubber products is forecast to rise 3.4 percent annually to \$24.4 billion in 2019. Roofing and other products will be the fastest growing segments. Construction and machinery will be the fastest growing markets. Original equipment manufacturing (OEM) demand will outpace maintenance/repair/operations (MRO) sales. This study analyzes the \$20.6 billion US industrial rubber product industry, with forecasts for 2019 and 2024 by raw material, product and market. The study also evaluates company market share and profiles industry players.

#3305.....July 2015.....\$5300

World Forestry Equipment

World demand for forestry equipment will climb 4.5 percent annually to \$9.3 billion in 2019. Harvesters and forwarders will be the fastest growing types, supported by increased use of cut-to-length harvesting methods. The US will record the largest increases in dollar terms, while Brazil will register larger increases in percentage terms. This study analyzes the \$7.4 billion world forestry equipment industry, with forecasts for 2019 and 2024 by type for six world regions and 14 major countries. The study also evaluates company market share and profiles industry participants.

#3270.....June 2015.....\$6300

World Material Handling Products

Global material handling product demand will rise 5.0 percent annually through 2018 to \$142 billion. India and China will grow the fastest as material handling products supply growing manufacturing and distribution activity. Automated storage and retrieval systems and automated guided vehicles will grow the fastest. This study analyzes the \$111 billion world material handling product industry, with forecasts for 2018 and 2023 by product, market, world region, and for 29 countries. This study also evaluates company market share and profiles industry participants.

#3196..... September 2014.....\$6400

World Agricultural Equipment

Global demand for agricultural equipment will rise 6.9 percent yearly through 2018 to \$208 billion. China will be the fastest growing market, followed by Turkey, Brazil, Thailand, India and South Africa. Tractors will remain the largest equipment segment, while harvesting machinery will exhibit the most rapid growth in demand. This study analyzes the \$149 billion world agricultural equipment industry, with forecasts for 2018 and 2023 by type, world region, and for 28 countries. The study also evaluates company market share and profiles industry players.

#3166.....July 2014.....\$6300

About The Freedonia Group

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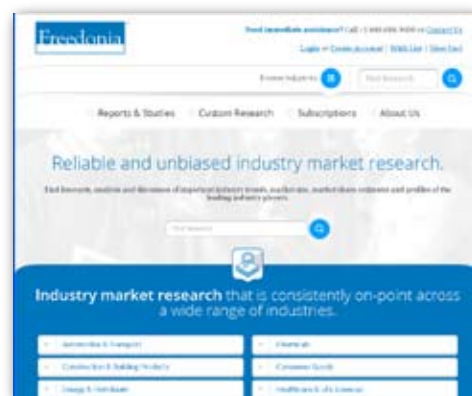
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