



# World Construction Machinery

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Industry Study with Forecasts for **2017 & 2022**

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*Gains will be fueled primarily by the Asia/Pacific region, particularly China, where the market will climb rapidly as construction spending, especially on infrastructure projects, continues to rise.*

## World demand to rise 6% annually through 2017

Global demand for construction machinery is expected to rise 6.0 percent per year to \$189 billion in 2017, accelerating from the 2007-2012 pace. This expansion will be fueled primarily by growth in the Asia/Pacific region, particularly China, where the market will climb at a double-digit annual rate as construction spending, especially on infrastructure projects, continues to increase. Although construction equipment sales in Western Europe were weak in 2012 due to a recession in many European Union countries, the market will rebound through 2017 as operators replace outdated machinery with more advanced units in an improving environment for construction spending. In contrast, strong sales in North America in 2012, particularly in the United States, will result in slower average demand gains through 2017. Many operators in the region have recently replaced older machines in expectation of faster economic growth and increased construction spending, which will lead to a lull in replacement sales for the next few years.

Construction machinery market advances in Central and South America will slow through 2017 after posting a strong expansion from 2007 to 2012, which was supported by significant investments in large mining projects in several countries in the region. After suffering in 2012 due to economic recessions in several

## World Construction Machinery Demand, 2017 (\$189 billion)



nations, sales growth in Eastern Europe will accelerate through 2017 as construction spending returns to healthier levels amid an improving economic landscape. Both Central and South America and Eastern Europe will experience moderate distortions in construction equipment demand going forward as Brazil and Russia, the largest markets in their respective regions, are each slated to host an installment of both the Olympics and the FIFA World Cup, supporting demand for new building and infrastructure construction. After experiencing oversupply issues over the 2007-2012 period in some of the region's wealthier nations, the market in the Africa/Mideast region will advance at a faster pace through 2017.

## Excavators, loaders to be fastest growing products

Excavators and loaders will record the fastest sales growth through 2017, as both construction spending and investment in mining projects climb. These products are extremely versatile and can be used in a wide range of construction and mining applications, making them attractive investments for operators in both developed and developing nations. While suppliers of dozers and off-highway trucks will also benefit somewhat from an increase in mining investment, demand for these products will expand at a pace below the overall market average because of their generally large size and price.

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## Sample Text, Table & Chart

### ASIA/PACIFIC

#### India: Construction Machinery Outlook & Suppliers

Demand for construction machinery in India is expected to grow at a rapid pace through 2017, supported by investment by government in several large infrastructure expansion projects, particularly road construction. Demand for cranes will also increase as building construction spending accelerates. Loaders, especially wheel loaders, will continue to be popular among operators due to their versatility and relatively low price, and the market for these products will remain strong through 2017. While many construction firms, rental companies, and mining enterprises will still have large stocks of aging equipment, requiring high levels of parts sales, strong growth in new machinery sales will dampen parts sales to some extent as users replace older equipment.

Sales of mixers, pavers, and related equipment are projected to expand 7.4 percent per year through 2017, trailing demand growth despite posting healthy growth. While Indian manufacturers will benefit from new opportunities, they will find capturing foreign market share challenging.

Shipments of construction machinery from India are projected to expand 7.4 percent per year through 2017, trailing demand growth despite posting healthy growth. While Indian manufacturers will benefit from new opportunities, they will find capturing foreign market share challenging.

180

**SAMPLE TEXT**

TABLE VI-7

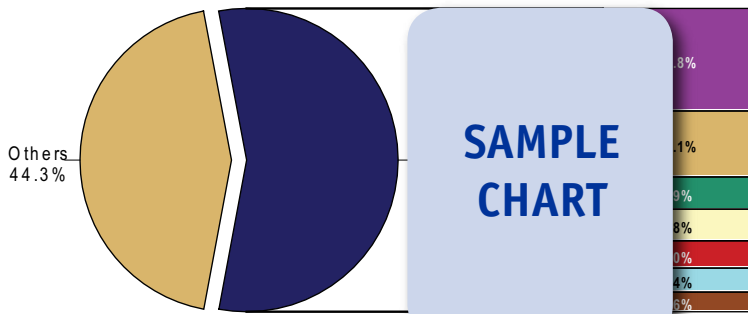
### INDIA: CONSTRUCTION MACHINERY SUPPLY & DEMAND (million dollars)

Item	2002	2007	2012	2017	2022
Population (millions)	1,029	1,150	1,250	1,350	1,450
per capita GDP	1,029	1,150	1,250	1,350	1,450
Gross Domestic Product (bil 2011\$)	1,029	1,150	1,250	1,350	1,450
% construction	1,029	1,150	1,250	1,350	1,450
Construction Expenditures (bil 2011\$)	1,029	1,150	1,250	1,350	1,450
Nonbuilding	1,029	1,150	1,250	1,350	1,450
Residential Building	1,029	1,150	1,250	1,350	1,450
Nonresidential Building	1,029	1,150	1,250	1,350	1,450
\$ machinery/capita	1,029	1,150	1,250	1,350	1,450
\$ machinery/000\$ GDP	1,029	1,150	1,250	1,350	1,450
\$ machinery/000\$ construction	1,029	1,150	1,250	1,350	1,450
Construction Machinery Demand + net exports	1,029	1,150	1,250	1,350	1,450
Construction Machinery Shipments	1,029	1,150	1,250	1,350	1,450
% India	1,029	1,150	1,250	1,350	1,450
Asia/Pacific Constr Mach Shpts	229	415	630	910	1,250

**SAMPLE TABLE**

CHART VIII-1

### WORLD CONSTRUCTION MACHINERY MARKET SHARE (\$141.5 billion, 2012)



**SAMPLE CHART**

## Sample Profile, Table & Forecast

**TABLE VI-8**

**INDIA: CONSTRUCTION MACHINERY DEMAND BY PRODUCT**  
(million dollars)

Item	2002	2007	2012	2017	2022
Construction Expenditures (bil 2011\$) \$ machinery/000\$ construction					
Construction Machinery Demand					
Loaders					
Cranes & Draglines					
Excavators					
Dozers & Off-Highway Trucks					
Mixers, Pavers, & Related Equip					
Graders, Rollers, & Related Equip					
Parts & Attachments					
% India					
A/P Constr Machinery Demand	24,100	40,000	62,700	75,400	120,000

SAMPLE  
TABLE

COMPANY PROFILES

---

**Belarusian Autoworks OJSC**  
 40 let Oktyabrya Street 4  
 222160 Zhodino  
 Belarus  
 375-1775-3-27-82  
<http://www.belarusianautoworks.com>

Annual Sales: \$100 million (Company, 6/13)  
 Employment: 1,000

Key Products: wheel loaders, wheel dozers, concrete mixers, rollers, and dump trucks

Belarusian Autoworks OJSC is a world manufacturer of dump trucks, wheel loaders, wheel dozers, concrete mixers, and rollers for mining and construction applications. In April 2012, the Company announced plans to file an initial public offering by the end of 2013.

The Company is active in the world construction machinery industry through the manufacture of wheel loaders, wheel dozers, concrete mixers, and rollers. These products are marketed under the BELAZ and MOAZ brand names. Wheel loaders from the Company feature hydromechanical transmissions, engines with power ratings ranging from 354 to 483 horsepower (hp), and payload capacities of up to 10 metric tons. BELAZ's wheel dozers include the BELAZ-7823 model, which has a 3.9 meter wide blade and an operating weight of 50,000 kilograms (kg); and the MOAZ-4048 unit, which is equipped with a 4.2 meter wide blade and an operating weight of 30,400 kg.

BELAZ's concrete mixers are offered with 79-hp engines and payload capacities of up to 11 metric tons. The Company's rollers, which are self propelled units, feature 221-hp engines and hydromechanical,

SAMPLE  
PROFILE

STUDY  
COVERAGE

This Freedonia industry study, **World Construction Machinery**, presents historical data (2002, 2007, 2012) plus forecasts for 2017 and 2022 for supply and demand, as well as demand by product, in six regions and 35 countries. The study also details key market environment factors, examines the industry structure, evaluates company market share and profiles 33 world competitors.



**OTHER STUDIES**

**World Mining Equipment**

Global demand for mining machinery is forecast to expand 8.6 percent per year through 2017 to \$135 billion. The Asia/Pacific region and Central and South America will be the fastest growing markets. Metals mining equipment will remain the largest product segment and will see the most rapid gains in demand. This study analyzes the \$89.5 billion world mining equipment industry, with forecasts for 2017 and 2022 by market, product, world region, and for 29 countries. The study also evaluates company market share and profiles industry competitors.  
 #3107.....January 2014..... \$6300

**World Power Lawn & Garden Equipment**

Global demand for power lawn and garden equipment is forecast to rise 4.2 percent per year through 2017 to \$21.7 billion. Growth will be supported by a recovery in the massive US market, and by an expansion of the middle class in several developing countries of the Asia/Pacific region. This study analyzes the \$17.7 billion world power lawn and garden equipment industry, with forecasts for 2017 and 2022 by product, market, power source, world region, and for 21 countries. The study also evaluates company market share and profiles industry players.  
 #3067.....September 2013..... \$6300

**Power Lawn & Garden Equipment**

Demand for power lawn and garden equipment in the US is expected to grow 4.0 percent annually through 2017, reaching \$10.6 billion. Turf and grounds equipment will record the most rapid gains, followed by hedge trimmers. The commercial market will outpace the dominant residential segment, driven by landscapers. This study analyzes the \$8.7 billion US power lawn and garden equipment industry, with forecasts for 2017 and 2022 by material, product, market, and US region. The study also evaluates company market share and profiles industry competitors.  
 #3008.....April 2013..... \$5100

**World Power Tools**

World power tool demand is forecast to increase 4.5 percent annually through 2016 to \$28.1 billion. The Asia/Pacific region will be the fastest growing market, followed by North America. In the US, gains will be driven by a rebound in housing starts and manufacturing activity. Cordless electric tools will be the fastest growing segment. This study analyzes the \$22.5 billion world power tool industry, with forecasts for 2016 and 2021 by product, market, world region and for 25 countries. The study also evaluates company market share and profiles industry players.  
 #2996.....February 2013..... \$6300

**World Tractors**

World demand for tractors will rise 6.8 percent annually through 2016 to \$122 billion. Gains in the Asia/Pacific region will be more than twice that of any other region, with China alone claiming nearly one-third of the global total. Agricultural tractors will remain the largest segment, followed by tractors for construction and mining applications. This study analyzes the \$88 billion world tractor industry, with forecasts for 2016 and 2021 by market, product, world region and for 23 countries. The study also evaluates company market share and profiles industry participants.  
 #2984.....February 2013..... \$6300

**About The Freedonia Group**

The Freedonia Group, Inc., is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States, the emerging China market, and other world markets. Industries analyzed by Freedonia include:

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