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Construction Machinery in China

Industry Study with Forecasts for **2015 & 2020**

Study #2855 | May 2012 | \$5400 | 256 pages



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Construction machinery demand will benefit from the vast usage of cranes and excavators, the largest segment in the Chinese industry, in both building and nonbuilding construction.

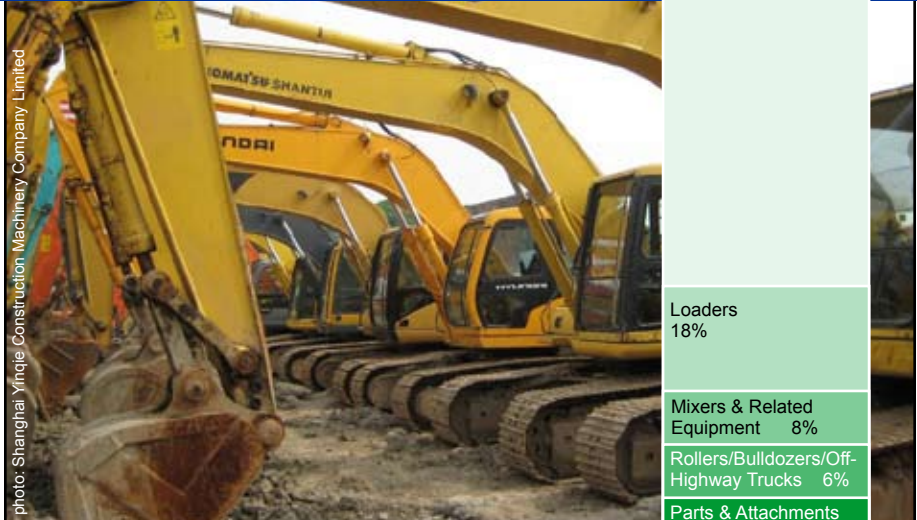
Demand in China to increase 6.2% per annum through 2015

Demand for construction machinery in China is expected to rise 6.2 percent per year to 387 billion yuan in 2015, supported by continuing gains in construction spending, especially in infrastructure development. Growth in construction activity will be driven by continuing industrialization and increasing personal and business income levels. However, gains will decelerate from the torrid pace of the 2005-2010 period as a result of a moderating outlook for the economy in China as a whole. This will impact total construction expenditures, which are expected to grow at a slower pace through the forecast period, limiting stronger market gains for construction machinery.

Excavators and cranes to remain largest machinery product segment

Excavators and cranes are the largest construction machinery product segment due to their widespread use in both building and nonbuilding construction. The better versatility and flexibility of excavators will also ensure their widespread use in all types of construction applications in China. Loaders, the second largest product type, will see healthy demand increases, benefiting from their functional versatility. Mixers and related equipment will be one of the fastest growing product segments, benefiting from greater use in numerous

Construction Machinery Demand (387 billion yuan, 2015)



types of infrastructure projects that are intensive users of cement. Parts and attachments will see the fastest growth due to favorable government policies under the Twelfth Five-Year Plan.

This Plan aims to encourage domestic producers to upgrade their products and improve innovation in product development so as to maintain sustainable growth. These technological improvements, coupled with pricing advantages due to relatively low production costs, will spur growth in shipments of all types of construction machinery by Chinese firms. As a result of such improvements, China will erase its trade deficit in the industry and become a net exporter.

Northwest to lead gains

The size, growth, and composition of construction machinery demand in the six regions of China vary considerably due to regional differences in economic, social, and cultural conditions. In all regions, gains will decelerate from 2000-2010 rates as a result of moderating growth in the Chinese economy. Due to its large share of the nation's population and economic activity, the Central-East will remain the largest regional market for construction machinery. Although small, the Northwest is expected to be the fastest growing regional market, primarily benefiting from the central government's Great Western Development program.

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Sample Text & Charts

MARKETS

Nonbuilding Market

The nonbuilding construction market represented the large segment in the construction machinery market in China, followed closely by nonresidential building. Its leading position is a result of the government's focus on expanding and modernizing the country's infrastructure in order to accommodate the needs of China's growing industrial sector and ensure continued economic development. In addition, the high level of construction machinery usage in infrastructure construction and improvements and repairs contributes to the demand.

Sales of construction machinery for use in the nonbuilding construction segment will grow at a CAGR of 12.5% from 2010 to 2015. Government spending on infrastructure and other nonbuilding construction projects, such as improvement and repair activities, will continue to drive demand. The "7918 Network" national highway system is being expanded by the slowdown in the Chinese

Demand for excavators and cranes will continue to have the largest share in the nonbuilding construction machinery market, due to the large amount of earth that needs to be dug and moved during the construction of roads and dams, and in other infrastructure projects. Moreover, rollers and related equipment, which find few applications in building construction, are vital pieces of equipment for road construction and account for eight percent of total nonbuilding machinery demand in 2010.

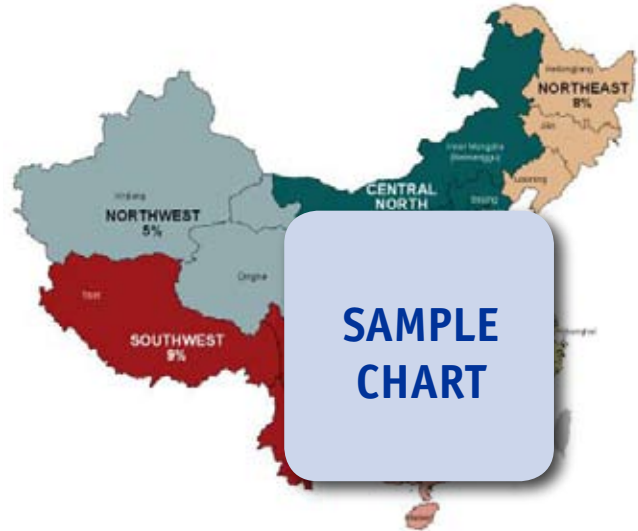
Demand by Application

Nonbuilding construction machinery sales in China are driven by the vast scale of new infrastructure construction projects. They also benefit from nonbuilding improvement and repair activities. Infrastructure construction demand accounts for 83 percent of the machinery demand in the nonbuilding construction segment in 2010 and is forecast to

126

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CHART V-1
 CONSTRUCTION MACHINERY DEMAND IN CHINA BY REGION
 (287.0 billion yuan, 2010)



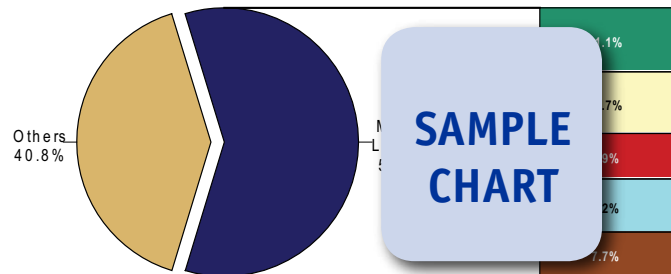
Source: The Freedonia Group, Inc.

SAMPLE TEXT

SAMPLE CHART

CHART VI-1

CONSTRUCTION MACHINERY MARKET SHARE IN CHINA BY COMPANY, 2010
 (287.0 billion yuan)

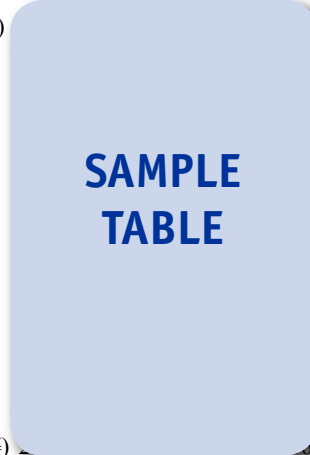


SAMPLE CHART

Sample Profile, Table & Forecast

TABLE III-1
CONSTRUCTION MACHINERY SUPPLY & DEMAND
IN CHINA BY TYPE
(billion yuan)

Item	2000	2005	2010	2015	2020
Construction Expenditures (bil 2009¥) ¥ machinery/000¥ construction					
Construction Machinery Demand					
Excavators & Cranes					
Loaders					
Mixers & Related Equipment					
Rollers & Related Equipment					
Bulldozers & Off-Highway Trucks					
Parts & Attachments					
net exports					
Construction Machinery Shipments					
price deflator (2009=100)					
Constr Machinery Demand (bil 2009¥)					



COMPANY PROFILES

DHI DCW Group Company Limited

169 Bayi Road, Xigang District
 Dalian, Liaoning 116013
 China
 86-411-8685-
<http://www.dh>

Annual Sales:
 Employment:

Key Products:
 equipment



DHI DCW Group is a state-owned enterprise that manufactures a wide range of heavy equipment for the metallurgical, mining, power, transportation, chemical, construction, grain storage and various other markets via numerous Chinese subsidiaries.

The Company is involved in the Chinese construction machinery industry through the manufacture of tunnel boring machines and bulk material handling equipment, which are suitable for use in construction applications. Tunnel boring machines from DHI DCW feature a mechanical system, an electrical system, a hydraulic system and automatic controls. These machines are utilized typically in such public works projects in China as water utility and subterranean transit projects. The Company also makes double-shielded tunnel boring machines. Among DHI DCW's bulk material handling equipment are spreaders, which are suitable for use in construction and outdoor mine applications.

Production operations are conducted by the Company at four facilities in Dalian, Liaoning. These sites collectively occupy over 1.5

handling

"Demand for construction excavators and cranes in China is expected to increase 6.2 percent annually to ¥232 billion in 2015, matching the forecast growth rate of the construction machinery industry as a whole. Gains will be supported by their wide range of applications in all types of construction in digging, lifting, moving and positioning of materials. In addition, ..."

--Section III, pg. 75

OTHER STUDIES

Construction Outlook in China

Construction expenditures in China will increase 8.8 percent per annum in real terms to 16.4 trillion yuan in 2016. Nonbuilding construction will be the fastest growing segment, benefiting from transportation infrastructure expansion and upgrades, and from the construction of utilities. Growth in residential and nonresidential building construction will also be strong. This study analyzes the 10.8 trillion yuan construction industry in China, with forecasts for 2016 and 2021 by type, market and region. The study also evaluates company market share and profiles industry participants.

#2898 June 2012 \$5500

Agricultural Equipment in China

Demand for agricultural equipment in China is projected to grow 10.8 percent annually to 225 billion yuan in 2015, driven in part by favorable government policies and improved access to equipment through cooperatives. Farm tractors will remain the largest segment while planting and fertilizing machinery and harvesting machinery grow the fastest. This study analyzes the 134.6 billion yuan agricultural equipment market in China, with forecasts for 2015 and 2020 by product and region. The study also evaluates company market shares and profiles market participants.

#2880 March 2012 \$5400

World Construction Aggregates

World demand for sand, crushed stone, gravel and other construction aggregates will rise 5.2 percent annually through 2015 to 48.3 billion metric tons. The Asia/Pacific market will grow the fastest, followed by Eastern Europe and the Africa/Mideast region. Recycled and secondary types will grow the fastest. This study analyzes the 37.4 billion metric ton world construction aggregates industry, with forecasts for 2015 and 2020 by product, market, application, world region and for 19 countries. The study also evaluates company market share and profiles industry players.

#2838 January 2012 \$5900

World Mining Equipment

The world market for mining equipment is projected to climb 8.5 percent annually through 2015 to \$92 billion. The Asia/Pacific region will remain the fastest growing market. Metals and coal mining will lead gains by application. Mining drills and breakers will pace demand among product segments. This study analyzes the \$61 billion world mining equipment industry, with forecasts for 2015 and 2020 by application, product, world region and for 31 countries. The study also evaluates company market share and profiles industry competitors.

#2840 January 2012 \$6200

World Construction Machinery

World demand for construction machinery is projected to expand 6.5 percent annually through 2015. Over half of all additional demand will come from the Asia/Pacific region, although the rate of growth will slow from the pace of the 2005-2010 period. Cranes, loaders and excavators will expand at above-average rates. This study analyzes the \$125 billion world construction machinery industry, with forecasts for 2015 and 2020 by product, world region and for 36 countries. The study also evaluates company market share and profiles industry players.

#2776 August 2011 \$6100

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- Chemicals • Plastics • Life Sciences • Packaging • Building Materials • Security & Electronics • Industrial Components & Equipment • Automotive & Transportation Equipment • Household Goods • Energy/Power Equipment

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