

Crane and Hoist Market by Mobile Cranes (Lattice & Telescopic Boom, Crawler, Rough Terrain, All-Terrain, Truck Loader), Fixed Cranes (Industrial, Tower, Shipto-Shore), Operation (Hydraulic, Electric), Hoist, Industry and Region - Global Forecast to 2028

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Abstracts

The crane and hoist market is expected to grow from USD 31.5 billion in 2023 to USD 37.1 billion by 2028, at a CAGR of 3.3% during the forecast period. Sustainable demand from construction industry and expanding mining industry driving the crane ad hoist market.

"Mobile crane segment is expected to grow at the highest CAGR during the forecast period"

The mobile crane segment is expected to grow at the highest CAGR during the forecast period. Mobile cranes offer versatility in terms of mobility and adaptability to various job sites. They can be easily transported and set up, making them suitable for different construction projects and industries. Their ability to swiftly move and set up at different locations contributes to increased efficiency in operations. Compared to fixed cranes, mobile cranes have faster setup times. This rapid deployment is advantageous, particularly in time-sensitive projects or situations where frequent relocation is necessary.

"Hybrid operation segment is expected to grow at the highest CAGR during the forecast period"

Hybrid operation segment is expected grow at the highest CAGR during the forecast period. Hybrid-operated cranes utilize both electrical supply and diesel generators for



power. Some incorporate a large battery energy storage system (ESS) to store electricity. Through regenerative power, energy generated during load descent charges the ESS, providing extra power for lifting tasks. Their primary aim is to cut fuel usage and operational costs. Rubber-tired gantry (RTG) cranes often use a steady-speed diesel generator for hoisting, but implementing a hybrid power system reduces fuel consumption and greenhouse gas emissions. As battery technology advances and environmental concerns grow, hybrid cranes are expected to gain popularity. Crane manufacturers have partnered to advance hybrid crane development.

"Construction industry is expected to grow at the highest CAGR during the forecast period"

The construction industry is expected to grow at the highest CAGR during the forecast period. The rising demand for infrastructure development, encompassing roads, bridges, railways, airports, and other large-scale projects, calls for the use of robust lifting equipment such as cranes. These cranes are crucial for lifting heavy materials, assembling structures, and aiding in construction processes. Additionally, rapid urbanization worldwide is spurring the construction of residential and commercial buildings to accommodate the growing population. Moreover, the industrial expansion and economic growth in emerging nations like India, China, Brazil, the UAE, and others are significant drivers behind the increased demand for infrastructure.

"Crane and Hoist market in Asia Pacific region to register highest CAGR between 2023 and 2028"

The crane and hoist market in Asia Pacific is expected to grow at the highest CAGR during the forecast period. The Asia-Pacific region emerges as a swiftly growing market offering ample prospects for the construction industry, driven by a burgeoning population. Rapid expansion within the construction and material handling sectors has notably boosted the crane market in countries like India, China, and Australia. Factors such as heightened awareness regarding automation and the emphasis placed by key economies like China and Japan on construction and material handling industries contribute significantly to Asia-Pacific's dominant market share. Moreover, the rapid growth of automotive, construction, aerospace, and defense industries in emerging economies like China and India further supports the crane market's growth across the Asia-Pacific region.

Breakdown of primaries



In determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key industry experts in the crane and hoist market space. The break-up of primary participants for the report has been shown below:

By Company Type: Tier 1 – 35%, Tier 2 – 35%, and Tier 3 – 30%

By Designation: C-level Executives – 40%, Directors – 35%, and Others – 25%

By Region: North America –25%, Europe–30%, Asia Pacific – 35%, and Rest of the World – 10%

Key players in the crane and hoist market are Konecranes (Finland), Liebherr (Switzerland), Tadano Ltd. (Japan), The Manitowoc Company, Inc. (US), Zoomlion Heavy Industry Science & Technology Co., Ltd. (China), Terex Corporation (US), Ingersoll Rand (US), PALFINGER AG (Austria), Columbus McKinnon Corporation (US), KOBE STEEL, LTD. (Japan), XCMG Group (China), Sumitomo Heavy Industries, Ltd. (Japan), ABUS Kransysteme GmbH (Germany), Mammoet (Netherlands), KATO WORKS CO., LTD. (Japan), and others.

The crane and hoist market has been segmented into type, operation, industry, and region. The crane and hoist market has been studied in North America, Europe, Asia Pacific, and the Rest of the World.

Reasons to buy the report:

The report will help the market leaders/new entrants with information on the closest approximate revenues for the crane and hoist market and related segments. This report will help stakeholders understand the competitive landscape and gain more insights to strengthen their position in the market and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (sustainable demand from construction industry; expanding mining industry driving the market; expansion and upgradation of shipping industry), restraints (high cost of manufacturing and maintenance),



opportunities (growth phase of network, infrastructure, and airline development in Asia Pacific region; expansion of E-Commerce in South East Asia; adoption of smart technologies in cranes), and challenges (shortage of skilled workforce to handle crane operations).

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the crane and hoist market.

Market Development: Comprehensive information about lucrative markets – the report analyses the crane and hoist market across varied regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the crane and hoist market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players like Konecranes (Finland), Liebherr (Switzerland), Tadano Ltd. (Japan), The Manitowoc Company, Inc. (US), Zoomlion Heavy Industry Science & Technology Co., Ltd. (China), among others.



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