

Thailand Mobile Crane Market Size, Share and Outlook - Growth Analysis Report and Forecast Trends (2026-2035)

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Report description:

The Thailand mobile crane market was valued at USD 120.30 Million in 2025 . The market is expected to grow at a CAGR of 6.90% during the forecast period of 2026-2035 to reach a value of USD 234.45 Million by 2035 . Thailand's sustained infrastructure expansion has surged the demand for mobile cranes, as large-scale public works continuously require versatile lifting solutions capable of material handling, structural placement, and equipment positioning across varied project environments.

Key Market Trends and Insights

- By type, the truck-mounted crane is expected to grow at a CAGR of 7.5% over the forecast period.
- By application, the construction category is projected to witness a CAGR of 7.7% over the forecast period.

Market Size & Forecast

- Market Size in 2025: USD 120.30 Million
- Projected Market Size in 2035: USD 234.45 Million
- CAGR from 2026 to 2035: 6.90%

The Thailand mobile crane market growth is mostly attributable to the fast-increasing utility-scale renewable energy projects, particularly wind power installations. The erection of large wind turbines requires high-capacity crawler and all-terrain cranes capable of handling heavy nacelles, tower sections, and blades at significant heights. Additionally, the rising demand for precision heavy lifting solutions, such as engineered lift planning and high-reach configurations in order to minimize downtime and ensure compliance with the strict safety standards, is a result of the increasing industrial plant retrofits in petrochemical and power generation facilities.

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Government investment in road, rail, port, and airport infrastructure provides the basis for continuous equipment purchases. This is a clear indication of a steady flow of crane business through the project lifecycles. The latest Thailand mobile crane market figures reveal that the segment of lifting and hoisting machinery, which covers mobile and crawler cranes, is expected to expand in parallel with the broader construction equipment industry, as infrastructure development activities continue to intensify. Taking AKM Meadville's announcement in January 2025 of a new factory at Logana Industrial Park, Ayutthaya Province, as an example, the industrial and logistics expansion in the area is the direct cause of the need for cranes on site for assembly and plant setup.

Thailand Mobile Crane Market Report Summary

Description

Value

Base Year

USD Million

2025

Historical Period

USD Million

2019-2025

Forecast Period

USD Million

2026-2035

Market Size 2025

USD Million

120.30

Market Size 2035

USD Million

234.45

CAGR 2019-2025

Percentage

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%

CAGR 2026-2035

Percentage

6.90%

CAGR 2026-2035 - Market by Type

Truck Mounted Crane

7.5%

CAGR 2026-2035 - Market by Application

Construction

7.7%

Key Trends and Recent Developments

January 2026 - Hutchison Ports Thailand Expanded Terminal D with New Quay Cranes

Terminal D's expansion at Hutchison Ports Thailand was completed with the introduction of three new remote-control super post Panamax quay cranes in addition to the existing 14 cranes, making the total 17 cranes. The expansion will facilitate 3.5 million TEUs of handling capacity and allow two mega-vessels to be serviced at the same time. With such developments, the country deepens the port infrastructure, strengthens trade, and sustains the demand in the Thailand mobile crane market for the maritime logistics sector.

July 2025 - Sarens Secured Multi-Year Mobile Crane Rental Contract in Thailand

Sarens revealed that it will be entering into a two-year crane rental agreement (2024-2026) with Thai Tank Terminal, located in the Rayong Province, to provide 25-50-ton mobile cranes for their scheduled and unscheduled maintenance work. The contract reflects the growing need for flexible rental solutions in Thailand's petrochemical hub; thus, it maintains the steady demand of mid-capacity mobile cranes in industrial maintenance activities.

March 2025 - Unithai Container Terminal Commissioned New Ship-To-Shore Crane

Unithai Container Terminal welcomed the first of the new ship-to-shore cranes, which were provided by Wuxi HuaDong Heavy Machinery. This new crane can perform container handling operations up to 14 container rows and has a lifting capacity of up to 40 tons. The improvement increases accuracy and efficiency, which supports the expansion of shipping infrastructure and fuels demand in the Thailand mobile crane market.

February 2025 - Volvo CE Launched New Generation EC210 and Expands Dealer Network in Thailand

Volvo Construction Equipment unveiled its new generation EC210 excavator in Thailand and named CHAIRATCHAKARN (Bangkok)

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Co., Ltd as the new authorized dealer. This move enhanced Volvo CE's distribution and aftersales network in Thailand, improving accessibility. Such developments are expected to intensify competition, encourage fleet upgrades, and increase demand for energy-efficient, high-productivity equipment.

Port Infrastructure Expansion Supporting Lifting Equipment Demand

Ongoing expansion in maritime trade is bringing about a rapid increase in port infrastructure that is equipped with the latest technology. This, in turn, is indirectly triggering the demand for heavy lifting equipment used in the construction and modernization of terminals, boosting the growth of the Thailand mobile crane market. For instance, in December 2025, Hutchison Ports Thailand (HPT) installed three remote-control super post Panamax quay cranes at Terminal D, Laem Chabang Port, thereby raising the handling capacity up to 3.5 million TEUs, following the addition of seven-yard cranes in October.

Expansion of Dealer and After-Sales Service Networks

Importers seek a wide-reaching dealer and service area to be able to sell their mobile cranes, as it allows for faster support and better parts availability. Major original equipment manufacturers in the Thailand mobile crane market and their distributors are planning to open more regional service centers to be able to accommodate new and existing customers from the infrastructure and industrial sectors. For instance, in July 2024, the China-based heavy machinery manufacturer Zoomlion Heavy Industry opened its 8th service center in Phitsanulok, thus reinforcing regional after-sales support as well as facilitating faster response times for maintenance and parts availability.

New Product Introductions Targeting Market Needs

Product innovation that is aligned with regional needs is propelling the expansion of the Thailand mobile crane market and satisfies the specific requirements of operational construction, logistics, and infrastructure projects. Over time, manufacturers have been releasing various versions of mobile cranes that are more powerful in terms of lifting capacity and are also equipped with better safety systems and increased versatility. For instance, in January 2023, Tadano launched the TM ZX1205HRS 12, ton truck, mounted loader crane in Thailand, which, apart from bridging the gap between the capacities of smaller and bigger TM models, is also loaded with state-of-the-art features for control and safety that are aimed at increasing productivity and operator control.

Localized Sales and Service Infrastructure Investments

Investing in regionally specific sales and support facilities keeps the Thailand mobile crane market more responsive, which lessens the impact of operational delays on mobile crane buyers. Manufacturers and distributors are expanding their physical presence throughout Thailand to support sales, parts supply, and service delivery. This is important in the case of large lifting equipment, as turnaround time has a direct effect on project schedules. For instance, in February 2025, Zoomlion established a new office in Surat to broaden its presence in southern Thailand for sales, parts supply, and customer service support.

Electrification and Smart Harbor Crane Innovation Influencing Port Modernization

As per Thailand mobile crane market report, an increasing amount of cargo traffic at secondary and multi-purpose ports is spurring the demand for freight handling equipment that is highly flexible and electrified. For instance, in February 2026, Konecranes introduced the new Gottwald ESP.4 Mobile Harbor Crane, which added electric, smart, and high-capacity features to the Generation 6 line. The product innovation demonstrates how the increasing trends in automation and electrification will affect Thailand's port and cargo handling sector.

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Thailand Mobile Crane Industry Segmentation

The EMR's report titled "Thailand Mobile Crane Market Report and Forecast 2026-2035" offers a detailed analysis of the market based on the following segments:

Market Breakup by Type

- Truck Mounted Crane
- Trailer Mounted Crane
- Crawler Crane

Key Insight: The Thailand mobile crane market scope comprises different types such as truck-mounted cranes, trailer-mounted cranes, and crawler cranes. Truck-mounted cranes have become the go-to equipment in urban construction and short-term lifts due to their mobility and fast setup. Trailer-mounted cranes are designed for mid-capacity jobs where transport flexibility is needed. Crawler cranes mainly maintain relevance owing to the construction of large-scale infrastructures and the generation of renewable energy. These types of projects require lifting capability and stability at the highest level. Several manufacturers like Tadano Ltd. and SANY Group regularly introduce new models of crawler and truck cranes that are not only more powerful but also fuel-efficient, to capture a bigger market share in the heavy-duty segment.

Market Breakup by Application

- Construction
- Industrial
- Utility

Key Insight: By application, Thailand mobile crane market caters to three main sectors, namely construction, industrial, and utility. Construction continues to lead the market, mainly due to the extensive transport infrastructure and real estate sector development, which require flexible lifting solutions. Industrial needs come from the upgrading of petrochemical plants and the implementation of new manufacturing projects. The utility sector's usage of cranes is gradually increasing due to new power transmission and renewable energy projects. Service network expansion and the development of engineered lift planning capabilities are the main areas of focus for some companies, while others, such as Liebherr International AG, are developing advanced safety and telematics systems to increase operational efficiency in these market segments.

Thailand Mobile Crane Market Share

By type, truck-mounted crane witnesses increasing uptake driven by growing utility maintenance activities

Truck-mounted cranes are gaining major traction in the Thailand mobile crane market as the country finds more uses for the expanded infrastructure, urban projects, logistics, and so on. Their great mobility, shorter time for the job to start, and their ability to work on narrow urban sites make them an ideal choice for road construction, utility maintenance, and small- to medium-scale lifting operations. Market players such as Tadano, Liebherr, and SANY, while upgrading the load capacities, safety features, and fuel efficiency of their machines, are also working on strengthening their dealer and after-sales networks in order to make equipment more accessible and to increase the geographic coverage of their services.

Crawler cranes account for a substantial share of the Thailand mobile crane market revenue owing to the ongoing large-scale infrastructure projects and energy sector installations across the region. The manufacturers are focusing on creating powerful and durable machines that can successfully handle the complex working conditions of such projects. For example, in April 2025, XCMG

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unveiled its lineup of tropical special machine models that are specially designed for the climate of Southeast Asia. Such product innovations are indicative of the company's response to the regional need for higher durability and performance of the equipment.

By application, the construction sector holds a large market share owing to sustained infrastructure investments and rising urban development activities

Construction applications continue to be the main contributors to the Thailand mobile crane market growth, supported by investments in transportation infrastructure, commercial real estate, and industrial facilities. Various public works on a large scale, and private sector projects require multifunctional lifting equipment, which can handle diverse load profiles. The major Original Equipment Manufacturers (OEMs), including Manitowoc, Zoomlion, and Kobelco, are introducing technologically advanced cranes with features like improved stability, telematics integration, and enhanced operator safety to comply with the evolving requirements of productivity and compliance at the construction site.

Meanwhile, industrial applications considerably contribute to the evolving Thailand mobile crane market dynamics. Industrial projects that require heavy lifting, such as plant installation or repositioning of machinery, are leading to increased usage of robust crane types with higher load capacities and precision controls. To better suit these needs, manufacturers are expanding their range of products. An example of global product recognition is the XCMG XCA120G7, a 1H all-terrain crane that received the Industry's Product of the Year award at the 2025 summit, thereby demonstrating innovation that supports industrial workloads.

Competitive Landscape

Major Thailand mobile crane market players are increasingly pointing their innovations towards product innovation and launching higher-capacity crawler cranes and all-terrain cranes with advanced telematics, fuel-efficient engines, and hybrid power solutions. Companies are consolidating their localized distribution networks and enhancing after-sales service capabilities to increase equipment uptime and improve lifecycle cost efficiency. Such measures raise fleet reliability, help meet evolving safety and emissions standards, and create strong long-term customer retention strategies.

At the same time, Thailand mobile crane companies are competing through pricing models and offering flexible financing solutions to gain access to the newly emerging project segments. Through the provision of operator training, digital fleet management systems, and engineered lift planning services, contractors are being empowered to carry out complex infrastructure and energy projects with improved efficiency. Partnerships with EPC contractors and rental firms are enabling quicker equipment deployment, thereby leading to the overall market expansion.

Liebherr-International AG

Liebherr-International AG was established in 1949, and its main office is located in Bulle, Switzerland. It is a well-renowned company that produces construction machinery and heavy lifting equipment, catering to the Thailand mobile crane market. Their product range includes mobile cranes and crawler cranes, and they also provide advanced engineering solutions for various industrial sectors.

BAUER Group

BAUER Group was established in 1790, with its head office in Schrobenuhen, Germany. It is a company that focuses on the foundation of the engineering field, construction machinery, and related services. It uses the most technologically advanced equipment and has significant engineering expertise in infrastructure and industrial projects at a global level.

SANY Group

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SANY Group was established in 1989 and now has become a famous heavy equipment manufacturer not only in its base location in China but globally. The Group has a solid international production and distribution network and can supply products such as cranes, excavators, and concrete machinery.

Tadano Ltd.

Tadano Ltd. was established in 1948 and is located in Takamatsu, Japan. The company is amongst the world's leading and most well-known manufacturers of mobile cranes and lifting equipment. Various engineering innovations, safety-oriented design, and a wide choice of products that cater to the needs of the construction and energy sectors are some of the features that make them stand out.

Other players in the market include The Manitowoc Company, Inc., Kobelco International (S) Co., Pte. Ltd., and Zoomlion Heavy Industry Science & Technology Co., Ltd., among others.

Key Highlights of the Thailand Mobile Crane Market Report

- A thorough evaluation of the historical market performance and demand patterns through 2035.
- In-depth examination of product innovations such as hybrid systems, telematics integration, and advanced boom configurations.
- Complete competitor landscape review with a focus on top local and international manufacturers, their product lines, and strategic moves.
- Geographical segmentation points to the identification of new demand pockets in major provinces, infrastructure corridors, and industrial zones.
- An investment-grade market outlook grounded by detailed project pipeline analysis, capital spending trends, and quantitative market indicators.

Why Choose Expert Market Research?

- Reliable intelligence supported by a large scale of first-hand interviews and a thoroughly cross-checked secondary research base.
- Ready-to-use information aimed at strategic planning and real estate growth decisions.
- Location-wise and product-wise study for an accurate assessment of the market.

Call to Action

Explore the latest trends shaping the Thailand mobile crane market 2026-2035 with our in-depth report. Gain strategic insights, future forecasts, and key market developments that can help you stay competitive. Download a free sample report or contact our team for customized consultation on Thailand mobile crane market trends 2026 .

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