

Land Survey Equipment Market By Product (GNSS System, Total stations and Theodolites, Levels, 3D laser, UAV, Pipe Lasers, Others), By Industry (Construction, Oil and Gas, Agriculture, Mining, Disaster Management, Others), By Application (Inspection and Monitoring, Volumetric Calculations, Layout Points): Global Opportunity Analysis and Industry Forecast, 2023-2032

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Report description:

The Land Survey Equipment Market Size was valued at \$9,995.40 million in 2022 and is estimated to reach \$17,154.10 million by 2032, exhibiting a CAGR of 5.6% from 2023 to 2032. The land survey equipment market refers to tools for inspection & monitoring, volumetric calculations, and layout points across various industries such as construction, oil & gas, agriculture, mining, and disaster management. The land survey equipment tools include GNSS systems, total stations & theodolites, levels, 3D laser/laser scanners, and unmanned aerial vehicles, and others.

The use of drones has increased globally for videography and photography. They can be remotely operated through computers and smart devices. They are used for surveying and surveillance mainly in commercial and defense sectors. The land survey equipment market is also driven by urbanization and industrialization in developing countries, where several smart cities are being planned. Land survey is an integral part of the initial planning stage of these cities. It needs surveying and inspection activities before its planning and actual construction process. Therefore, this factor acts as a driver for the growth of the land survey equipment market during the forecast period. Moreover, land surveying equipment saves a lot of time in its application process and gives accurate output, owing to its simultaneous data processing in software.


Moreover, many small-scale companies offer rental and leasing services on land equipment products, which restrict direct end-users from buying their own equipment. Leasing & renting land surveying equipment is a cost-effective option as some end-users need the equipment for a limited time and save its maintenance cost. In addition, the land survey equipment market needs skilled manpower and technical knowledge about operating equipment and its software.

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However, the high initial cost and rental and leasing service providers for land survey equipment hamper the growth of the market. Moreover, data collection and upgraded data management systems using advanced software and equipment and technological advancements in land survey methods are expected to boost the land survey equipment market during the forecast period.

The land survey equipment market is segmented on the basis of product, industry, application, and region. By product, the market is categorized into GNSS systems, total stations & theodolites, levels, 3D Laser/Laser scanners, UAVs, pipe lasers, and others. On the basis of industry, the market is classified into construction, oil & gas, agriculture, mining, disaster management, and others. On the basis of application, the market is categorized into inspection & monitoring, volumetric calculations, and layout points. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific accounted for the highest share of the land survey equipment market and LAMEA is anticipated to grow at the highest CAGR during the forecast period. The major players that operate in the global market have adopted key strategies such as product launch, and product development to strengthen their market outreach and sustain the stiff competition in the market. For instance, in July 2022,  Hi-Target launched a real-time-kinematic (RTK) GNSS receiver that has an eye for visual positioning. The pocket-sized vRTK GNSS RTK System is equipped with professional dual cameras to enable non-contact image surveying. It also has an advanced inertial measurement unit (IMU).

Competition Analysis

Key companies profiled in the land survey equipment market report include Hi-Target, Hudaco Industries Limited, Kolida Instrument Co., Ltd., Robert Bosch GmbH, Shanghai Huace Navigation Technology Ltd. (CHC Navigation), Stonex, Suzhou Foif Co., Ltd., Topcon Corporation, and Trimble Inc.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the land survey equipment market analysis from 2022 to 2032 to identify the prevailing land survey equipment market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the land survey equipment market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global land survey equipment market trends, key players, market segments, application areas, and market growth strategies.

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- Market share analysis of players by products/segments
- New Product Development/ Product Matrix of Key Players
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Average Selling Price Analysis / Price Point Analysis
- Brands Share Analysis
- Criss-cross segment analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- List of customers/consumers/raw material suppliers- value chain analysis
- Market share analysis of players at global/region/country level
- Per Capita Consumption Trends
- Product Consumption Analysis
- Reimbursement Scenario
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Product

- GNSS System
- Total stations and Theodolites
- Levels
- 3D laser
- UAV
- Pipe Lasers
- Others

By Industry

- Construction
- Oil and Gas
- Agriculture
- Mining
- Disaster Management
- Others

By Application

- Inspection and Monitoring
- Volumetric Calculations
- Layout Points

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- UK

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- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- SUZHOU FOIF CO LTD.
- Trimble Inc.
- Stonex srl
- Hi-Target
- Robert Bosch GmbH (CST/Berger)
- TOPCON CORPORATION
- SHANGHAI HUACE NAVIGATION TECHNOLOGY LTD
- GUANGDONG KOLIDA INSTRUMENT CO., LTD
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