

North America Land Survey Equipment Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Solution (Hardware, Software, and Services), Industry (Mining, Construction, Agriculture, Oil & Gas, and Others), Application (Volumetric Calculations, Inspection, Layout Points, Monitoring, and Others), and Hardware (GNSS Systems, Levels, 3D Laser Scanners, Total Stations, Theodolites, Unmanned Aerial Vehicles, Machine Control Systems, Machine Guidance Systems, and Others)

Market Report | 2022-12-20 | 137 pages | The Insight Partners

AVAILABLE LICENSES:

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The North America land survey equipment market is expected to grow from US\$ 1,549.31 million in 2022 to US\$ 2,251.40 million by 2028. It is estimated to grow at a CAGR of 7.2% from 2022 to 2028.

Use of Unmanned Aerial Vehicles (UAVs) and Remote-Control Drones

The use of unmanned aerial vehicles (UAVs) and remote-control drones is increasing in the mapping and surveying professions. These technologies have many potential applications within several sectors related to land surveys, agriculture, and environmental monitoring. With the help of drones and UAVs, surveyors can get their data precisely and quickly. UAVs and drones are safer as it eliminates the requirement of manpower to enter dangerous environments for measurements. With the help of these technologies, surveyors can access areas that are inaccessible to humans. UAVs combines photogrammetry, 3D mapping, land surveys, topographic surveying, etc. However, legal permission must be taken from the respective authority before using UAVs and drones by the surveyors. There are a few challenges associated with using drones and UAVs for a survey, such as pilot training for the operator and its assessment, keeping up with regulations for the operation, and providing professional output to

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

the customer. If surveyors overcome these challenges, the use of UAVs and drones is expected to become a trend in the land survey equipment market across the region.

Market Overview

The North America land survey equipment market is bifurcated into the US and Mexico. According to the US Census Bureau and the Department of Housing and Urban Development, in 2021, ~762,000 new homes were sold in the US, most of which were single-family houses. The land survey equipment market growth in North America depends on several factors, such as the growing real estate business in the US and Mexico, the usage of advanced construction software, the dependency on agriculture, and the development of automobiles that increased traffic and led to new road developments. For instance, according to a report published by World Highways in June 2022, a highway is under construction in Mexico, which is expected to be completed by December 2022. This highway will connect Guadalupe y Calvo with Badiraguato and provide a link between Chihuahua State and Sinaloa State. Due to the presence of mountainous topography, the 140km highway construction was challenging and will cost ~US\$ 117 million until its completion. Out of 140 km, ~13km of highway construction is still pending. Such infrastructure development requires land survey equipment to calculate area, route, location, site planning, etc. Further, the US is one of the leading countries in the land survey equipment market due to the high consumption of land survey equipment that led to increased production by several leading market players such as Allenbuild Instruments. Moreover, rising technological advancements leading to increased production and research & development activities are a few factors supporting the land survey equipment market growth. With the growing demand for land survey equipment in North America, the land survey equipment market is expected to grow during the forecast period.

North America Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)

North America Land Survey Equipment Market Segmentation

The North America land survey equipment market is segmented based on solution, industry, application, hardware, and country.

Based on solution, the North America land survey equipment market is segmented into hardware, software, and services. The hardware segment held the largest market share in 2022. Based on industry, the North America land survey equipment market is segmented into mining, construction, agriculture, oil & gas, and others. The construction segment held the largest market share in 2022. Based on application, the North America land survey equipment market is segmented into volumetric calculations, inspection, layout points, monitoring, and others. The inspection segment held the largest market share in 2022. Based on hardware, the North America land survey equipment market is segmented into GNSS systems, levels, 3D laser scanners, total stations, theodolites, unmanned aerial vehicles, machine control systems, machine guidance systems, and others. The GNSS systems segment held the largest market share in 2022. Based on country, the North America land survey equipment market has been categorized into the US and Mexico. Our regional analysis states that the US dominated the market share in 2022. Hexagon AB; Hi-Target; PENTAX Surveying; Robert Bosch Tool Corporation; Shanghai Huace Navigation Technology Ltd.; South Surveying & Mapping Technology CO., LTD.; Suzhou FOIF Co., Ltd.; Topcon Corporation; and Trimble Inc. are the leading companies operating in the North America land survey equipment market.

Table of Contents:

TABLE OF CONTENTS

1. Introduction
- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2. Key Takeaways
3. Research Methodology
 - 3.1 Coverage
 - 3.2 Secondary Research
 - 3.3 Primary Research
4. North America Land Survey Equipment Market Landscape
 - 4.1 Market Overview
 - 4.2 North America PEST Analysis
 - 4.3 Ecosystem Analysis
 - 4.4 Expert Opinion
5. North America Land Survey Equipment Market - Key Market Dynamics
 - 5.1 Key Market Drivers
 - 5.1.1 Rising Development in Real Estate
 - 5.1.2 Increasing Growth of Industrial & Agriculture Sectors
 - 5.2 Key Market Restraints
 - 5.2.1 Lack of Skilled Manpower
 - 5.3 Key Market Opportunities
 - 5.3.1 Development of Terrestrial Laser Scanners
 - 5.4 Future Trends
 - 5.4.1 Use of Unmanned Aerial Vehicles (UAVs) and Remote-Control Drones
 - 5.5 Impact Analysis of Drivers and Restraints
6. Land Survey Equipment Market - North America Analysis
 - 6.1 North America Land Survey Equipment Market Overview
 - 6.2 North America Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
7. North America Land survey equipment Market Analysis - By Solution
 - 7.1 Overview
 - 7.2 North America Land Survey Equipment Market, By Solution (2021 And 2028)
 - 7.3 Hardware
 - 7.3.1 Overview
 - 7.3.2 Hardware: Land survey equipment Market Revenue and Forecast To 2028 (US\$ Million)
 - 7.4 Software
 - 7.4.1 Overview
 - 7.4.2 Software: Land survey equipment Market Revenue and Forecast To 2028 (US\$ Million)
 - 7.5 Services
 - 7.5.1 Overview
 - 7.5.2 Services: Land survey equipment Market Revenue and Forecast To 2028 (US\$ Million)
8. North America Land Survey Equipment Market Analysis - By Industry
 - 8.1 Overview
 - 8.2 North America Land Survey Equipment Market, By Industry (2021 and 2028)
 - 8.3 Mining
 - 8.3.1 Overview
 - 8.3.2 Mining: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
 - 8.4 Construction
 - 8.4.1 Overview
 - 8.4.2 Construction: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
 - 8.5 Agriculture
 - 8.5.1 Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.5.2 Agriculture: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
- 8.6 Oil and Gas
 - 8.6.1 Overview
 - 8.6.2 Oil and Gas: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
- 8.7 Others
 - 8.7.1 Overview
 - 8.7.2 Others: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
- 9. North America Land Survey Equipment Market Analysis - By Application
 - 9.1 Overview
 - 9.2 North America Land Survey Equipment Market, By Application (2021 and 2028)
 - 9.3 Volumetric Calculations
 - 9.3.1 Overview
 - 9.3.2 Volumetric Calculations: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.4 Inspection
 - 9.4.1 Overview
 - 9.4.2 Inspection: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.5 Layout Points
 - 9.5.1 Overview
 - 9.5.2 Layout Points: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.6 Monitoring
 - 9.6.1 Overview
 - 9.6.2 Monitoring: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 9.7 Others
 - 9.7.1 Overview
 - 9.7.2 Others: Land Survey Equipment Market - Revenue, and Forecast to 2028 (US\$ Million)
- 10. North America Land Survey Equipment Market Analysis - By Hardware
 - 10.1 Overview
 - 10.2 North America Land Survey Equipment Market Breakdown, by Hardware, (2021 & 2028)
 - 10.3 GNSS Systems
 - 10.3.1 Overview
 - 10.3.2 GNSS Systems: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.4 Levels
 - 10.4.1 Overview
 - 10.4.2 Levels: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.5 3D Laser Scanners
 - 10.5.1 Overview
 - 10.5.2 3D Laser Scanners: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.6 Total Stations
 - 10.6.1 Overview
 - 10.6.2 Total Stations: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.7 Theodolites
 - 10.7.1 Overview
 - 10.7.2 Theodolites: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.8 Unmanned Aerial Vehicle
 - 10.8.1 Overview
 - 10.8.2 Unmanned Aerial Vehicle: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
 - 10.9 Machine Control Systems

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.9.1 Overview
- 10.9.2 Machine Control Systems: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
- 10.10 Machine Guidance Systems
 - 10.10.1 Overview
 - 10.10.2 Machine Guidance Systems: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
- 10.11 Others
 - 10.11.1 Overview
 - 10.11.2 Others: Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)
- 11. North America Land Survey Equipment Market - Country Analysis
 - 11.1 Overview
 - 11.1.1 North America: Land Survey Equipment Market, by Key Country
 - 11.1.1.1 US: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.1.1 US: Land Survey Equipment Market, by Solution
 - 11.1.1.1.2 US: Land Survey Equipment Market, by Industry
 - 11.1.1.1.3 US: Land Survey Equipment Market, by Application
 - 11.1.1.1.4 US: Land Survey Equipment Market, by Hardware
 - 11.1.1.2 Mexico: Land Survey Equipment Market - Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.2.1 Mexico: Land Survey Equipment Market, by Solution
 - 11.1.1.2.2 Mexico: Land Survey Equipment Market, by Industry
 - 11.1.1.2.3 Mexico: Land Survey Equipment Market, by Application
 - 11.1.1.2.4 Mexico: Land Survey Equipment Market, by Hardware
- 12. Industry Landscape
 - 12.1 Overview
 - 12.2 Market Initiative
 - 12.3 Merger and Acquisition
 - 12.4 New Product Launch
- 13. Company Profile
 - 13.1 Hexagon AB
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
 - 13.2 Shanghai Huace Navigation Technology Ltd.
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis
 - 13.2.6 Key Developments
 - 13.3 South Surveying & Mapping Technology CO., LTD.
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.3.6 Key Developments
- 13.4 Topcon Corporation
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Trimble Inc.
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Hi-Target
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 PENTAX Surveying
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 Suzhou FOIF Co., Ltd.
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Robert Bosch Tool Corporation
 - 13.9.1 Key Facts
 - 13.9.2 Business Description
 - 13.9.3 Products and Services
 - 13.9.4 Financial Overview
 - 13.9.5 SWOT Analysis
 - 13.9.6 Key Developments
- 14. Appendix
 - 14.1 About the Insight Partners
 - 14.2 Word Index

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

North America Land Survey Equipment Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Solution (Hardware, Software, and Services), Industry (Mining, Construction, Agriculture, Oil & Gas, and Others), Application (Volumetric Calculations, Inspection, Layout Points, Monitoring, and Others), and Hardware (GNSS Systems, Levels, 3D Laser Scanners, Total Stations, Theodolites, Unmanned Aerial Vehicles, Machine Control Systems, Machine Guidance Systems, and Others)

Market Report | 2022-12-20 | 137 pages | The Insight Partners

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$3000.00
	Site Price	\$4000.00
	Enterprise Price	\$5000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-10"/>
		Signature	<input type="text"/>