

# Robotic Ceramic Tile Laying Market Set to Reach \$3.16 Billion by 2029

*The Business Research Company's Robotic Ceramic Tile Laying Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

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/EINPresswire.com/ -- What Is The Expected Cagr For The Robotic Ceramic Tile Laying Market Through 2025?

In recent times, there has been a swift expansion in the market size of robotic ceramic tile laying. The market, estimated at \$1.42 billion in 2024, is projected to inflate to \$1.67 billion in 2025, growing at a compound annual growth rate (CAGR) of 17.6%. The historic growth is connected to



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factors such as the surge in demand for construction automation, skilled trade labor shortages, elevating construction expenses, focus on accuracy and quality, and the push for quicker project completion.

The market for robotic ceramic tile laying is predicted to experience a swift expansion in the coming years, with projections placing the market value at \$3.16 billion by 2029, translating to a compound annual growth rate (CAGR) of 17.2%. This anticipated surge in the forecast period is linked to the demand for the speedy execution of projects, governmental incentives for the uptake of

automation, expansion in both the residential and commercial construction sectors, calls for eco-friendly construction methods, and advancements in robotic mobility and adaptability. Key market trends for the projected period involve the evolution of modular robotic systems, utilization of deep learning for optimizing tile placement, partnership between robotics and construction software, progress in robotic grouting methodologies, and the emergence of independent robotic systems.

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## What Are The Key Factors Driving Growth In The Robotic Ceramic Tile Laying Market?

The burgeoning interest in automation is anticipated to further bolster the expansion of the robotic ceramic tile laying market. Automation consists of employing machinery and software to carry out monotonous tasks in the manufacturing sector. The escalating appeal for automation stems from companies striving for speedier production in order to cut expenses, amplify efficiency, and uphold competitiveness. Robotic ceramic tile laying systems support this shift to automated construction by ensuring consistent, precise, and reasonably priced tile fittings, thus reducing reliance on human labor. This approach also optimizes project timelines, lessens waste of materials and boosts safety at workplaces. As an example, the International Federation of Robotics, a German-based professional non-profit organization, reported in April 2024 that installation of industrial robots witnessed a 12% spike in 2023, hitting a high of 44,303 units. In addition, there was a moderate sales growth of 1% in the automotive segment, setting a new milestone with 14,678 robots installed, following a whopping 47% surge in 2022, when installations rounded off at 14,472 units. Hence, the growing need for automation is fueling the growth of the robotic ceramic tile laying market. A surge in infrastructural development is stimulating market growth, thanks to increasing urbanization and industrialization. This development involves building, refining, and enlarging basic physical and organizational setups such as transportation, energy, water supply, communication systems and public facilities that bolster economic advancement and enhance life quality. The burgeoning need for infrastructural development is dictated by urban expansion, as growing cities necessitate additional housing, transport, utilities and public facilities to cater to their enlarging populace. Robotic ceramic tile laying facilitates this infrastructural advancement by improving building speed, precision and efficiency, thus supporting the brisk urban expansion and demand for contemporary facilities, while also trimming labor costs, minimizing errors and ensuring long-lasting resilience in construction projects. For instance, data by the Office for National Statistics (ONS), a UK-based governmental department, stated that in 2022, cumulative general governmental investment in infrastructure experienced a 9.6% boost to hit £26.0 billion (\$28.76 billion) at current rates in comparison to 2021. Thus, the surge in infrastructural development is accelerating the growth of the robotic ceramic tile laying market.

## What Are The Top Players Operating In The Robotic Ceramic Tile Laying Market?

Major players in the [Robotic Ceramic Tile Laying Global Market Report 2025](#) include:

- Siasun Robot and Automation Co. Ltd.
- DUCO Robots Co. Ltd.
- Suzhou Fangshi Technology Co. Ltd.
- Nanjing Zhuling Technology Co. Ltd.
- ROB Technologies AG
- Fabrica AI Group Limited
- Partner Robotics (China) Co. Ltd.
- Shenzhen Legend Robot Technology Co. Ltd.
- Shenzhen ProBuild Robotics Co. Ltd.
- DMX Robotics Pte. Ltd.

## Comprehensive Segment-Wise Insights Into The Robotic Ceramic Tile Laying Market

The robotic ceramic tile laying market covered in this report is segmented

- 1) By Product Type: Fully Automated Robotic Tile Laying Systems, Semi-Automated Robotic Tile Laying Systems
- 2) By Distribution Channel: Direct Sales, Distributors, Online Sales, Other Distribution Channels
- 3) By Application: Residential, Commercial, Industrial, Other Applications
- 4) By End-User: Construction Companies, Contractors, Renovation Services, Other End-Users

Subsegments:

- 1) By Fully Automated Robotic Tile Laying Systems: Industrial Floor Tile Laying Robots, Wall Tile Laying Robots, Grouting Integrated Robotic Systems, Conveyor Based Robotic Tile Laying Systems, Mobile Platform Robotic Tile Laying Systems, Precision Alignment Robotic Tile Laying Systems
- 2) By Semi-Automated Robotic Tile Laying Systems: Manual Guided Robotic Tile Laying Tools, Assisted Grouting Robotic Systems, Tile Positioning Support Robots, Mobile Assisted Tile Laying Platforms, Handheld Robotic Tile Placement Devices, Semi Automatic Adhesive Application Systems

View the full robotic ceramic tile laying market report:

<https://www.thebusinessresearchcompany.com/report/robotic-ceramic-tile-laying-global-market-report>

### Global Robotic Ceramic Tile Laying Market - Regional Insights

In the Robotic Ceramic Tile Laying Global Market Report 2025, Asia-Pacific held the leading position in 2024. The report predicts continued growth in this region. Other regions analyzed in the report include Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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