

# Bricklaying Robots: Revolutionizing Construction through Automation

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**Abstract:** *The construction industry is synonymous with respective tasks and labour-intensive processes. Bricklaying robots are revolutionising the construction industry by automating the bricklaying process. It combines a well established building material with new digital design processes and robotic fabrication techniques. Robots can precisely lay bricks at a fast pace, which reduces errors and speeds up construction. Bricklaying robots have emerged as a potential solution for companies looking for enhance productivity and reduces costs. As the demand for quicker, more efficient building methods grows, construction companies are looking for more ways to automate existing processes. Bricklaying robots may become more essential as these pressures grow. It primarily used in large - scale construction projects where speed and efficiency are essential. Their ability to work continuously without fatigue gives them an advantage over human worker in terms of both speed and consistency.*

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