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Indian Pharma Automation Market Intelligence

Imprint Automation India Magazine presents research on prospects and potential growth and business opportunity in Indian Pharma Automation. As a catalyst Imprint and PARA Tech are doing a webinar- Imperatives of Automation in Pharma Manufacturing . Clearly the market demands strong focus on developing appropriate solutions in pharma automation aimed at Indian Pharma manufacturing. This market intelligence report speaks for green lighting investment and product development.

Global Market Size & Growth

Total pharmaceutical manufacturing automation market—which includes equipment, software, and services—is expected to grow significantly to USD 25.50 billion by 2031. At a CAGR of 10.8%.

Market for Pharma 4.0 solutions has projected to reach USD 73.00 billion by 2034 at a CAGR of 19%.

Market for manufacturing-execution systems (MES) in the life sciences sector is also experiencing notable growth. It is projected to reach USD 10.00 billion by 2034, at a CAGR of around 12%.

Key Equipment Segments

Pharma robots used in manufacturing, quality assurance (QA), will rise upto USD 206.1 million by 2033, growing at a CAGR of 8.7%. Picking and Packaging cobots share is USD 246.40 Million.

Total USD 458 million.

Automated visual-inspection systems are witnessing steady growth, with market value increase till 1.9 billion by 2033, reflecting a CAGR of 7.9%.

Packaging-equipment automation, which includes fill/finish systems, cartoners, case packers, and serialization units, is growing to over USD 13 billion by 2030, with a CAGR of 6.3%. Robot Density trends will reach 322 robots per 10000 employees from to 188 robots per 10000 employees by 2025.

Robot Density will reach 322 robots per 10000 employees.

India Market

Indian Pharma robots will grow to USD 5.6 million by 2030 at a CAGR of 16.2%.

Indian Industrial-automation market in all sectors will grow to USD 14.8 billion by 2030 at a 9.7%.

65 % of new pharma line automation concentrated in top five metro regions Mumbai, Hyderabad, Bangalore, Chennai, and Pune. Beacon Examples are Cipla Indore & Dr Reddy's Hyderabad globally recognised for advanced automation adoption.

Indian Pharma Automation Market is majorly for hardware and software solutions which is 86% of the market. Pharma Automation services accounts for 14%.

Global Share of Pharma is extremely small which is only 4.0%. Evidently the growth prospects and potential are tremendous in Pharma Automation. Hence Indian Companies developing specific pharma automation robotics and automation including data driven solutions will enjoy a global market and exports for India.

Several companies are leading the way in pharmaceutical automation, focusing on areas like robotics, AI, and process optimization. Some of the top companies include Rockwell Automation, Siemens, ABB, and Yokogawa Electric, along with specialists like Essert Robotics and FANUC. Additionally, companies like Anthem Biosciences, Dr. Reddy's Laboratories and Samiep Technology Innovations are also making significant strides in digital innovation and automation within the pharmaceutical industry. The pharmaceutical sector is similarly poised for substantial growth, with the Indian pharmaceutical market estimated to reach USD 130 billion by 2030, driving increased automation adoption in manufacturing processes, quality control, and supply chain management. The integration of Industry 4.0 technologies is further enhancing the capabilities of these sectors. The technology adoption rate in Indian manufacturing has reached unprecedented levels, positioning India at the forefront of smart manufacturing implementation globally. Indian manufacturers are investing significantly in technology modernization, allocating 35% of their operating budgets to technology implementation, substantially higher than the global average of 23%. This increased focus on technological advancement is driving the adoption of sophisticated automation solutions, including robotics, artificial intelligence, and machine learning applications across manufacturing processes, leading to enhanced operational efficiency and productivity.

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