

Cable Blowing Equipment Market Size, Share | CAGR of 6.5%

The Cable Blowing Equipment Market size is expected to be worth around USD 190.3 million by 2032, from USD 116.6 million in 2024, at a CAGR of 6.5%.

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EINPresswire.com/ -- The [global cable blowing equipment market](#) is on a trajectory of steady growth. Valued at USD 116.6 million in 2024, the market is projected to expand from USD 122.5 million in 2025 to USD 190.3 million by

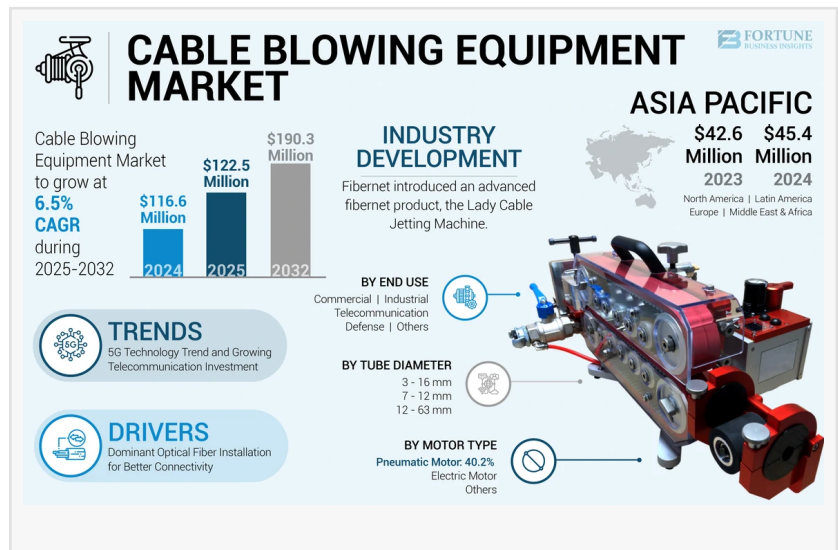
2032, demonstrating a compound annual growth rate (CAGR) of 6.5%. This expansion is largely fueled by significant investments in telecommunication infrastructure worldwide.

Geographically, the Asia Pacific region dominated the market in 2024, securing a substantial market share of 38.93%. The telecommunication sector remains the primary end-user, driven by the relentless expansion of fiber optic networks and the global rollout of 5G technology.

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Key Drivers / Growth Factors

Several key factors are propelling the growth of the cable blowing equipment market.

Growing Telecom Infrastructure Investment

Massive investments in telecommunication infrastructure, supported by government policies encouraging Public Private Partnership (PPP) models, are a primary driver. These initiatives create a robust demand for modern cable installation devices to build and upgrade networks. For instance, in September 2022, India's telecom minister announced a USD 30 billion

investment for 4G and 5G last-mile connectivity in rural areas.

Dominance of Optical Fiber Installation

Optical fiber is the backbone of modern communication, enabling faster data streaming with low latency. Cable blowing equipment facilitates the efficient installation of these fibers over longer distances and through complex pathways, including tight bends and dense conduits. This makes it an indispensable tool for telecom and broadband providers.

Technological Advancements

Continuous innovation is expanding the market's potential. New equipment featuring smart interfaces and automated controls is being developed to reduce cable damage and simplify operations, making the technology more accessible and efficient.

Challenges / Restraints

Despite the positive outlook, the market faces certain limitations. The primary restraint is the equipment's compatibility and adaptability. The effectiveness of cable blowing is highly dependent on specific criteria such as cable type, conduit material, and the installation environment. This requires a feasibility assessment for each project, which can limit the technology's application across diverse industries.

Opportunities / Future Potential

The market is ripe with opportunities, primarily centered on technological innovation and network expansion. The industry's focus is shifting towards developing automated, portable, and easy-to-operate machines that can handle complex installations. This trend, coupled with the ongoing global 5G revolution, is set to unlock new potential and drive long-term demand.

Segmentation Analysis

By Tube Diameter

- 12-63 mm: This segment is dominant due to its heavy usage by telecommunication and broadband service providers. Its flexibility allows for easy upgrades of existing bandwidth and optical fibers.
- 7-12 mm: This segment is growing at the highest CAGR, driven by technological advancements that are making optical fibers thinner while delivering higher speeds.

By Motor Type

- Pneumatic Motor: This type leads the market due to its safe, easy, and efficient operation. Pneumatic systems use an aero piston for safer cable movement and require minimal electricity.
- Electric Motor: This segment is growing progressively due to its portability and suitability for smaller conduits and ducts.

By End Use

- Telecommunication: This segment dominates the market, fueled by the expansion of fiber

optic networks for 5G connectivity. Significant capital expenditure in developing nations to extend network reach further bolsters demand.

- Commercial and Industrial: These sectors show steady demand for installing electrical and connectivity cables in complex spaces.

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Competitive Landscape

The market is characterized by key players focusing on product innovation, particularly in automation and portability, to meet the evolving demands of complex business operations. These advancements are crucial for maintaining a competitive edge and driving market share.

List of Key Industry Players:

- Fremco (Storskogen Group)
- Plumettaz S.A.
- Condux International, Inc.
- CBS Products (KT), Ltd.
- LANCIER CABLE GmbH
- SKYFIBERTECH
- Fibernet
- NINGBO MARSHINE POWER TECHNOLOGY CO., LTD.
- Jetting AB
- Katimex

Emerging Trends & Technologies

The most significant trend impacting the market is the widespread adoption of 5G technology, which necessitates rapid and efficient fiber optic installation. In response, manufacturers are launching advanced equipment with smart interfaces. For example, an automatic fiber blowing machine introduced in September 2022 features an interface that reduces cable damage by 5-10% through automated modes.

Future Outlook & Forecast

The market is forecasted to maintain its steady growth, reaching USD 190.3 million by 2032.

- Asia Pacific will continue to dominate, driven by exponential investments and a large consumer base in China, Japan, and India.
- North America is expected to grow at a steady pace, supported by strong demand from data centers and telecom operators.
- Europe will see stagnant growth, with prominent demand for Fiber to the Home (FTTH) access.
- The Middle East & Africa is poised for substantial growth due to heavy investment in urban telecom infrastructure.

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