


COMPANY PROFILE


TIBTEXNIKA

CARDIOVASCULAR MEDICAL DEVICES
MANUFACTURER



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More than 55 years of history in medical technology and more than 10 years in cardiovascular device manufacturing

 **tibtexnika**

ABOUT COMPANY



TIBTEXNIKA LLC is a medical device manufacturing company located in the Republic of Uzbekistan.

The company specializes in the development and manufacturing of cardiovascular medical devices used in interventional cardiology procedures.

With more than 55 years of experience, the company focuses on advanced manufacturing technologies, product engineering, and international cooperation in medical technology development

COMPANY METRICS



Key indicators demonstrating the experience and capabilities of TIBTEXNIKA in cardiovascular medical device manufacturing

55+ years

Experience in medical technology manufacturing

5 markets

Central Asia, Russia, Belarus, Pakistan and Bangladesh

15+ products

Cardiovascular medical devices

2,500,000+

Annual production capacity, pcs

85+ employees

Highly qualified engineers and medical device specialists

35+ hospitals

Cardiovascular centers and interventional cardiology departments

International certifications

ISO 13485:2016, ISO 9001:2015, CE (in progress)

MISSION & VISION

TIBTEXNIKA is committed to advancing cardiovascular medical technologies and improving access to modern healthcare solutions through innovation, manufacturing expertise, and international cooperation.



Mission

To develop and manufacture reliable cardiovascular medical technologies that improve patient outcomes and expand access to advanced treatment solutions for healthcare systems.

Vision

To become a leading regional manufacturer of cardiovascular medical devices and a trusted partner for innovation, technology development, and medical device production.

Innovation

Continuous development of modern cardiovascular medical technologies.

Quality

Commitment to high manufacturing and quality standards.

KEY COMPETENCIES

01

Medical Device Engineering

Development and engineering of cardiovascular medical technologies

02

Polymer Processing Technologies

Extrusion and injection molding technologies used in catheter and medical device production

03

Coating Technologies

Advanced coating technologies for medical devices

04

Device Assembly

Precision assembly of cardiovascular medical devices

05

Quality Control

Comprehensive laboratory testing and product validation

06

Manufacturing Infrastructure

Clean room manufacturing and modern production facilities.

GLOBAL HEALTHCARE CHALLENGES

Cardiovascular diseases remain the leading cause of death worldwide. Healthcare systems require reliable, innovative, and cost-effective medical technologies to support modern treatment methods.



Growing Cardiovascular Burden

Cardiovascular diseases remain the leading cause of death worldwide, creating increasing demand for advanced treatment technologies.

Limited Access to Technology

Many healthcare systems still have limited access to modern cardiovascular medical devices.

Dependence on Imports

Heavy reliance on imported medical devices increases costs and limits availability in many markets.

SOLUTIONS

Comprehensive solutions combining advanced manufacturing, engineering expertise, and international cooperation in cardiovascular medical technologies

Advanced Manufacturing

Implementation of modern manufacturing technologies for cardiovascular medical devices.

Product Development

Continuous development of innovative and reliable medical devices for interventional cardiology.

Technology Partnerships

International cooperation in engineering, technology transfer, and medical device development.

Local Manufacturing

Development of local production capabilities to improve availability and reduce dependence on imported medical devices.



MANUFACTURING CAPABILITIES



Medical Device Manufacturing

The company operates modern production facilities for the manufacturing of cardiovascular medical devices. The production process includes polymer processing, component manufacturing, device assembly, testing, and packaging.

Manufacturing technologies include extrusion, injection molding, coating processes, and precision assembly used in interventional cardiology devices.



Engineering and Development

The company continuously develops and improves medical technologies through engineering expertise and international cooperation.

Activities include product design, process optimization, technology transfer, and the development of new medical device solutions for cardiovascular applications

TECHNOLOGY & ENGINEERING

Engineering expertise and continuous development of cardiovascular medical technologies.



Product Engineering

Development and engineering of cardiovascular medical devices for interventional procedures.



Technology Development

Implementation of advanced medical device manufacturing technologies.



Process Optimization

Continuous improvement of production processes and device performance.



Device Testing

Comprehensive laboratory testing and validation of medical devices.

INNOVATION & TECHNOLOGY DEVELOPMENT

+75%

PRODUCT DEVELOPMENT

Growth in cardiovascular device development and engineering projects.

+63%

MANUFACTURING TECHNOLOGIES

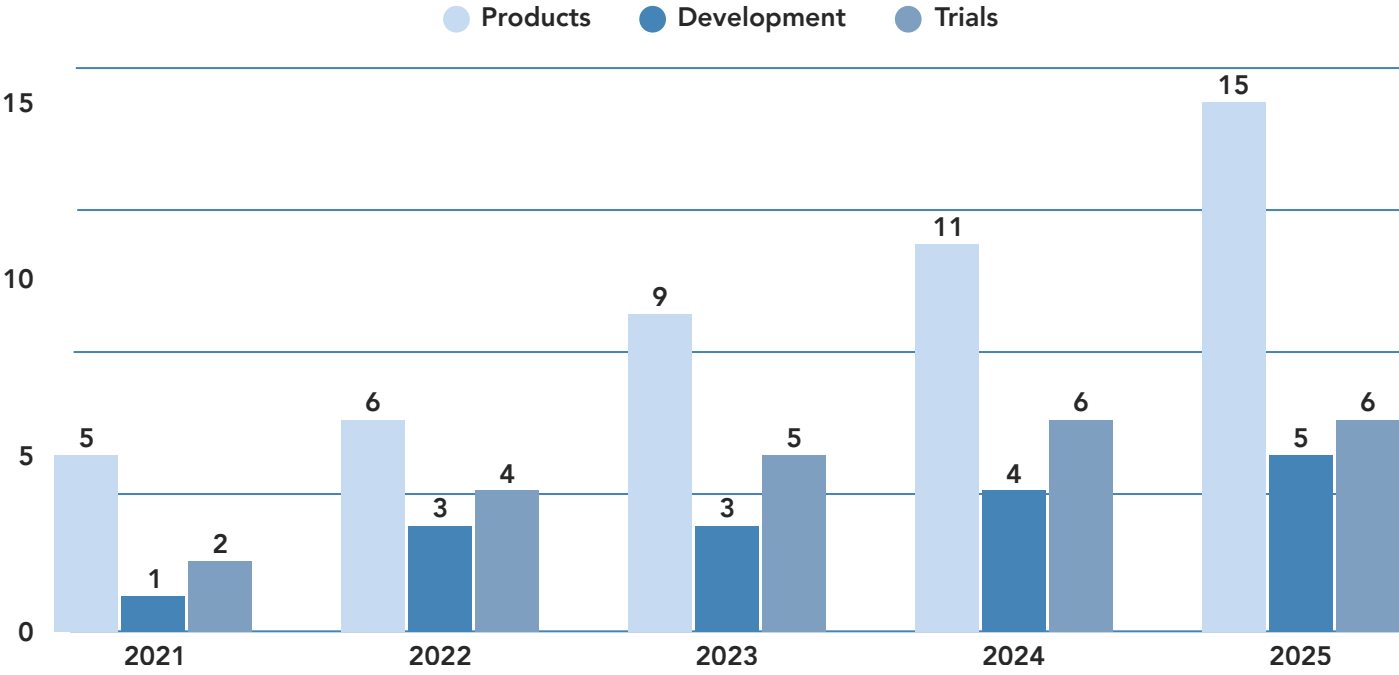
Expansion of manufacturing technologies and production capabilities.

+41%

PRODUCT PORTFOLIO

Growth of cardiovascular medical device categories.

TIBTEXNIKA continuously expands its technology base, manufacturing capabilities, and product portfolio to support the growing demand for cardiovascular medical technologies.

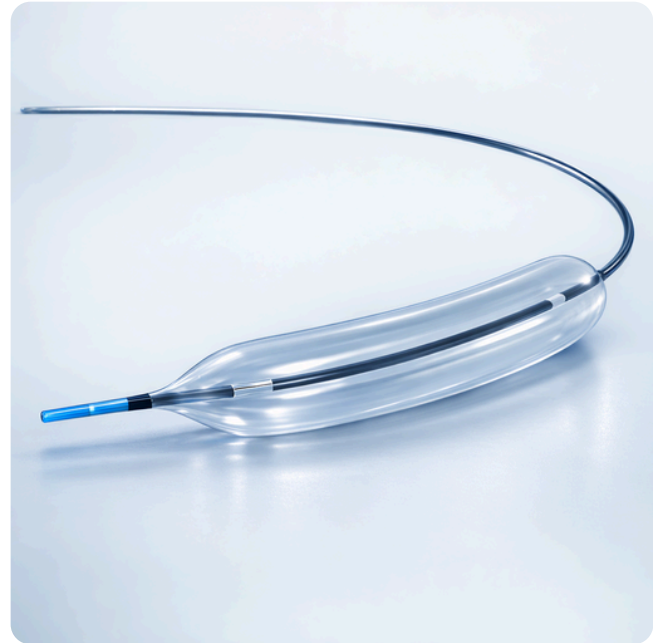


PRODUCT PORTFOLIO

TIBTEXNIKA develops and manufactures medical devices used in interventional cardiology procedures.



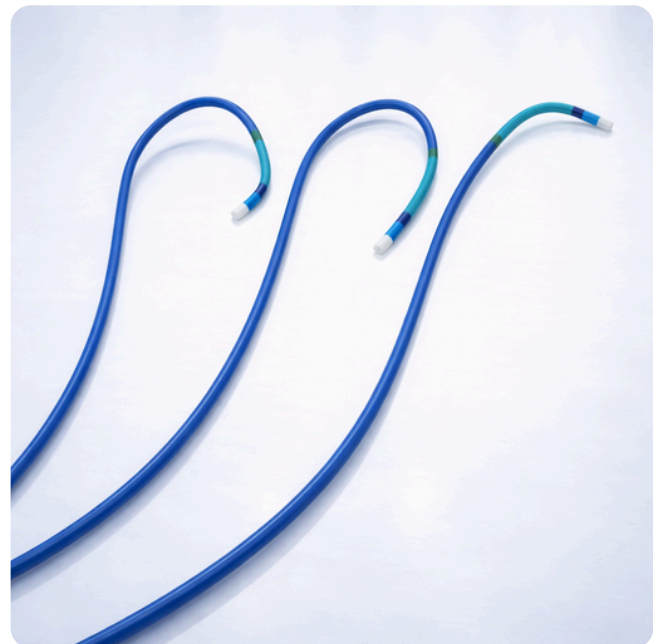
Drug eluting coronary stents



PTCA balloon catheters



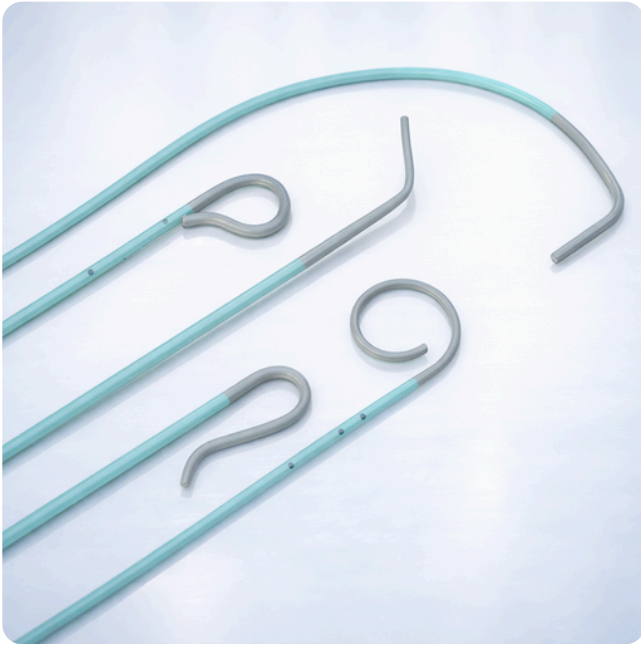
Coronary guidewires



Guiding catheters

PRODUCT PORTFOLIO

TIBTEXNIKA develops and manufactures medical devices used in interventional cardiology procedures.



Diagnostic catheters



Introducers



Y-connectors



Indeflators

COMPANY DEVELOPMENT



2015 Manufacturing Facility Construction

Construction of the company's medical device manufacturing plant and development of production infrastructure.

2019 Production Launch

Start of manufacturing operations and launch of cardiovascular medical device production.

1969 Company Foundation

Establishment of the organization as a specialized supplier of medical equipment to hospitals and healthcare institutions.

2010 Technology Exploration

Research of advanced medical device manufacturing technologies and study of production opportunities in South Korea and the United States

MARKET OPPORTUNITY

The demand for cardiovascular medical technologies continues to grow across emerging healthcare markets.

Central Asia and partner regions represent significant opportunities for medical device development and distribution.

TAM

\$1.9 Billion

Total Available Market

SAM

\$900 Million

Serviceable Available Market

SOM

\$65 Million

Serviceable Obtainable Market



Estimated based on regional cardiovascular device market data, market size for cardiovascular, peripheral and neurovascular interventional medical devices across **Central Asia, Russia, Pakistan and Bangladesh**

TARGET MARKETS

TIBTEXNIKA focuses on growing healthcare markets with increasing demand for modern cardiovascular medical technologies. The company works with healthcare institutions and distribution partners to expand access to advanced medical devices



Healthcare institutions

60 %

Primary demand

Hospitals and specialized cardiovascular centers represent the primary users of interventional medical devices. These institutions perform diagnostic and therapeutic procedures requiring reliable and high-quality medical technologies.



Medical device distributors

40 %

Distribution channel

Regional distribution partners play an important role in delivering medical technologies to hospitals and healthcare systems. Strong distribution networks support product availability and market expansion.

COMPETITIVE ADVANTAGES

The Company combines engineering expertise, modern manufacturing technologies, and international cooperation to deliver reliable cardiovascular medical devices and support the growing demand for advanced healthcare solutions in regional markets

NICHE

Focused specialization in cardiovascular medical technologies and interventional devices

AGILE

Flexible manufacturing and engineering processes enabling fast product adaptation

PARTNERSHIP

International cooperation with technology partners and medical industry experts

TECHNOLOGY

Modern manufacturing infrastructure and advanced production technologies

QUALITY

Comprehensive quality control processes ensuring reliability and safety of medical devices

MARKET ACCESS

Strategic presence in emerging healthcare markets with growing demand for medical technologies

QUALITY & COMPLIANCE

Manufacturing and quality management systems aligned with international medical device standards.

Quality Management System

TIBTEXNIKA implements strict quality management and manufacturing control procedures to ensure the reliability and safety of cardiovascular medical devices.

Production processes include laboratory validation, clean room manufacturing, and multi-stage quality inspection



ISO 13485:2016

Medical Device Quality Management System

ISO 9001:2015

Quality Management System Certification

CE Certification

Regulatory certification process **in progress**

Clean-room ISO 5-7

Controlled environment for medical device manufacturing

Multi-Stage Control

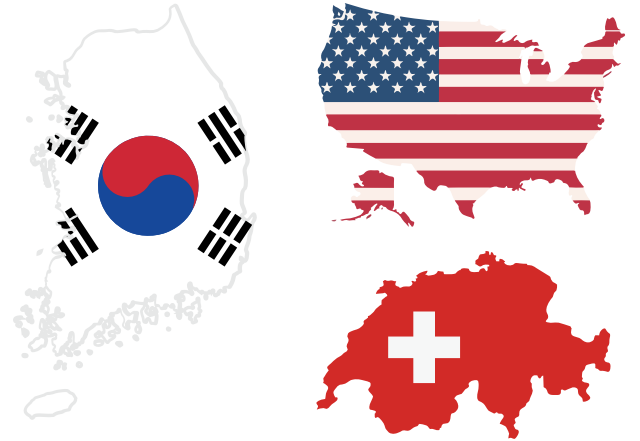
Multi-stage quality control Inspection and validation across manufacturing and assembly stages

INTERNATIONAL COOPERATION

TIBTEXNIKA cooperates with international partners in technology development and medical device manufacturing.

Technology Partners

Collaboration with international medical technology companies and engineering partners from the United States, South Korea, and Switzerland in technology development and manufacturing.



International cooperation allows the company to integrate advanced technologies and expand access to modern cardiovascular medical devices.



Regional Markets

Expansion across Central Asia and strategic emerging healthcare markets such as Pakistan, Bangladesh, Belarus, and Russia




THANK YOU

Thank you for your attention.

We welcome opportunities for partnership and international cooperation.



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