

Mobile C-Arm Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Full Size C-arm v/s Mini Size C-arm), By Technology (Flat Panel v/s Image Intensifiers), By Application (Orthopedics and Trauma, Cardiovascular, Urology, Gastroenterology, Neurology, Others), By End Users (Hospitals, Specialty Clinics, Ambulatory Surgical Clinics), By Region & Competition, 2021-2031F

<https://marketpublishers.com/r/MF7FD44FA398EN.html>

Date: January 2026

Pages: 188

Price: US\$ 4,500.00 (Single User License)

ID: MF7FD44FA398EN

Abstracts

The Global Mobile C-Arm Market is projected to expand from USD 1.98 Billion in 2025 to USD 2.75 Billion by 2031, registering a CAGR of 5.63%. These versatile diagnostic imaging units are essential in operating rooms for providing real-time fluoroscopic visualization during cardiovascular, orthopedic, and trauma surgeries. Growth is primarily fuelled by the increasing global burden of chronic diseases and an aging population necessitating surgical care, alongside a significant transition toward minimally invasive procedures that require intraoperative guidance. This demand is illustrated by NHS England data from 2024, which showed diagnostic imaging activity hitting 47.2 million tests? a 4.8% annual rise? while fluoroscopy specifically increased by 2.0%, highlighting the critical need for mobile imaging to improve surgical accuracy and patient results.

Conversely, market growth faces substantial hurdles due to the high capital investment needed for these sophisticated systems and the strict budget limitations within healthcare facilities. Elevated costs for acquisition and maintenance often force smaller institutions to postpone equipment updates, thereby limiting the uptake of modern

technologies. Additionally, the durability of existing hardware results in a prolonged replacement cycle that hinders rapid market penetration, creating a challenge for manufacturers to prove the return on investment for high-end mobile C-arm models despite their obvious clinical importance.

Market Driver

The escalating incidence of chronic ailments and orthopedic disorders serves as a major driver for the Global Mobile C-Arm Market. With the geriatric demographic growing, age-associated conditions like osteoporosis and osteoarthritis are leading to a higher volume of surgical procedures, specifically fracture repairs and joint replacements. Mobile C-arms are essential for these operations, providing high-resolution, real-time imaging that facilitates precise implant positioning and lowers revision rates. This upward trend is evidenced by the American Joint Replacement Registry's '2025 Annual Report' from October 2025, which noted that cumulative hip and knee arthroplasty procedures exceeded 4.4 million, marking an 8.8% rise from the prior year and underscoring the increased reliance on mobile imaging to handle the musculoskeletal disease burden.

Simultaneously, the rising global preference for minimally invasive surgical (MIS) techniques is transforming market dynamics. Medical providers are increasingly favoring methods that reduce patient trauma and speed up recovery, which depend heavily on the advanced fluoroscopic guidance offered by mobile C-arms, especially in spinal and cardiovascular interventions where accuracy is critical. This strong demand for interventional tools is reflected in Siemens Healthineers' 'Q4 Fiscal Year 2025 Earnings Release' from November 2025, where the Advanced Therapies segment achieved a 3.8% year-over-year revenue growth. Furthermore, market momentum is supported by ongoing medical infrastructure investments, as seen in GE HealthCare's October 2025 report showing a 6% total revenue increase in the third quarter driven by imaging performance, suggesting a continued growth trend as facilities enhance their diagnostic capacities for complex workflows.

Market Challenge

The Global Mobile C-Arm Market faces a significant obstacle in the form of substantial capital requirements for advanced imaging units, exacerbated by tight budgetary limits within healthcare organizations. Outpatient centers and hospitals often function with slim financial margins, compelling administrators to carefully evaluate every capital expense. The high costs associated with acquiring and maintaining equipment

discourage facilities from replacing older units, resulting in the extended use of legacy hardware. This financial prudence interrupts the standard replacement cycle and creates a bottleneck for market growth, as a lack of funding postpones the adoption of newer, clinically superior mobile C-arm systems needed for complex procedures.

This pattern of delayed investment is confirmed by recent industry statistics illustrating the gravity of financial strain. Data from the American Hospital Association in 2025 indicates that approximately 94% of healthcare administrators anticipated postponing equipment upgrades to cope with rising operational expenses and tariff-related costs. Such widespread deferral of purchasing decisions directly restricts manufacturers from introducing premium technologies to the market. Consequently, even with growing clinical demand for intraoperative imaging, the market's expansion potential remains limited by the economic challenges healthcare providers face in justifying the return on investment for new systems.

Market Trends

The incorporation of Artificial Intelligence for Real-Time Image Optimization and Analytics is fundamentally transforming the market by tackling issues of radiation safety and operational efficiency. AI algorithms are being embedded into mobile C-arm systems to automate patient positioning and improve image sharpness, which decreases both cumulative dose exposure and procedure duration. This evolution toward intelligent productivity offers financial benefits for manufacturers focusing on automated workflow technologies to boost profitability. As reported by GE HealthCare in their 'Third Quarter 2024 Financial Results' from October 2024, the Imaging segment achieved an 18% year-over-year rise in segment EBIT, a success credited to robust productivity efforts utilizing these advanced automated features.

At the same time, the merging of Mobile Imaging with Surgical Robotics and Navigation Systems is broadening the clinical application of C-arms from basic diagnostics to sophisticated intraoperative guidance. With neurosurgery and spinal procedures requiring elevated precision, mobile C-arms are being designed to communicate seamlessly with robotic platforms, forming a unified ecosystem for implant placement and instrument tracking. The demand for such integrated technologies is highlighted by recent financial results; for instance, Stryker's 'Q3 2024 Earnings Call Transcript' from October 2024 revealed that the MedSurg and Neurotechnology segment posted constant currency sales growth of 12.9%, demonstrating the fast-paced adoption of systems that combine visualization with surgical navigation.

Key Market Players

Siemens Healthineers AG

Koninklijke Philips N.V.

General Electric Company

Ziehm Imaging GmbH

Shimadzu Corporation

Canon Medical Systems Corporation

Hologic, Inc.

OrthoScan, Inc.

Eurocolumbus S.r.l.

Allengers Medical Systems Limited

Report Scope

In this report, the Global Mobile C-Arm Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Mobile C-Arm Market, By Type

Full Size C-arm v/s Mini Size C-arm

Mobile C-Arm Market, By Technology

Flat Panel v/s Image Intensifiers

Mobile C-Arm Market, By Application

Orthopedics and Trauma

Cardiovascular

Urology

Gastroenterology

Neurology

Others

Mobile C-Arm Market, By End Users

Hospitals

Specialty Clinics

Ambulatory Surgical Clinics

Mobile C-Arm Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Mobile C-Arm Market.

Available Customizations:

Global Mobile C-Arm Market report with the given market data, TechSci Research offers

Mobile C-Arm Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Full...

customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL MOBILE C-ARM MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Full Size C-arm v/s Mini Size C-arm)
 - 5.2.2. By Technology (Flat Panel v/s Image Intensifiers)
 - 5.2.3. By Application (Orthopedics and Trauma, Cardiovascular, Urology, Gastroenterology, Neurology, Others)

- 5.2.4. By End Users (Hospitals, Specialty Clinics, Ambulatory Surgical Clinics)
- 5.2.5. By Region
- 5.2.6. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA MOBILE C-ARM MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Type
 - 6.2.2. By Technology
 - 6.2.3. By Application
 - 6.2.4. By End Users
 - 6.2.5. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Mobile C-Arm Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Type
 - 6.3.1.2.2. By Technology
 - 6.3.1.2.3. By Application
 - 6.3.1.2.4. By End Users
 - 6.3.2. Canada Mobile C-Arm Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Type
 - 6.3.2.2.2. By Technology
 - 6.3.2.2.3. By Application
 - 6.3.2.2.4. By End Users
 - 6.3.3. Mexico Mobile C-Arm Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Type
 - 6.3.3.2.2. By Technology
 - 6.3.3.2.3. By Application

6.3.3.2.4. By End Users

7. EUROPE MOBILE C-ARM MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By Technology

7.2.3. By Application

7.2.4. By End Users

7.2.5. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Mobile C-Arm Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Type

7.3.1.2.2. By Technology

7.3.1.2.3. By Application

7.3.1.2.4. By End Users

7.3.2. France Mobile C-Arm Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Type

7.3.2.2.2. By Technology

7.3.2.2.3. By Application

7.3.2.2.4. By End Users

7.3.3. United Kingdom Mobile C-Arm Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Type

7.3.3.2.2. By Technology

7.3.3.2.3. By Application

7.3.3.2.4. By End Users

7.3.4. Italy Mobile C-Arm Market Outlook

7.3.4.1. Market Size & Forecast

- 7.3.4.1.1. By Value
- 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Type
 - 7.3.4.2.2. By Technology
 - 7.3.4.2.3. By Application
 - 7.3.4.2.4. By End Users
- 7.3.5. Spain Mobile C-Arm Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Type
 - 7.3.5.2.2. By Technology
 - 7.3.5.2.3. By Application
 - 7.3.5.2.4. By End Users

8. ASIA PACIFIC MOBILE C-ARM MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Type
 - 8.2.2. By Technology
 - 8.2.3. By Application
 - 8.2.4. By End Users
 - 8.2.5. By Country
- 8.3. Asia Pacific: Country Analysis
 - 8.3.1. China Mobile C-Arm Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Type
 - 8.3.1.2.2. By Technology
 - 8.3.1.2.3. By Application
 - 8.3.1.2.4. By End Users
 - 8.3.2. India Mobile C-Arm Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Type

- 8.3.2.2.2. By Technology
- 8.3.2.2.3. By Application
- 8.3.2.2.4. By End Users
- 8.3.3. Japan Mobile C-Arm Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Type
 - 8.3.3.2.2. By Technology
 - 8.3.3.2.3. By Application
 - 8.3.3.2.4. By End Users
- 8.3.4. South Korea Mobile C-Arm Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Type
 - 8.3.4.2.2. By Technology
 - 8.3.4.2.3. By Application
 - 8.3.4.2.4. By End Users
- 8.3.5. Australia Mobile C-Arm Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Type
 - 8.3.5.2.2. By Technology
 - 8.3.5.2.3. By Application
 - 8.3.5.2.4. By End Users

9. MIDDLE EAST & AFRICA MOBILE C-ARM MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Technology
 - 9.2.3. By Application
 - 9.2.4. By End Users
 - 9.2.5. By Country
- 9.3. Middle East & Africa: Country Analysis

9.3.1. Saudi Arabia Mobile C-Arm Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Type

9.3.1.2.2. By Technology

9.3.1.2.3. By Application

9.3.1.2.4. By End Users

9.3.2. UAE Mobile C-Arm Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Type

9.3.2.2.2. By Technology

9.3.2.2.3. By Application

9.3.2.2.4. By End Users

9.3.3. South Africa Mobile C-Arm Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Type

9.3.3.2.2. By Technology

9.3.3.2.3. By Application

9.3.3.2.4. By End Users

10. SOUTH AMERICA MOBILE C-ARM MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Type

10.2.2. By Technology

10.2.3. By Application

10.2.4. By End Users

10.2.5. By Country

10.3. South America: Country Analysis

10.3.1. Brazil Mobile C-Arm Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Type

10.3.1.2.2. By Technology

10.3.1.2.3. By Application

10.3.1.2.4. By End Users

10.3.2. Colombia Mobile C-Arm Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Type

10.3.2.2.2. By Technology

10.3.2.2.3. By Application

10.3.2.2.4. By End Users

10.3.3. Argentina Mobile C-Arm Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Type

10.3.3.2.2. By Technology

10.3.3.2.3. By Application

10.3.3.2.4. By End Users

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Merger & Acquisition (If Any)

12.2. Product Launches (If Any)

12.3. Recent Developments

13. GLOBAL MOBILE C-ARM MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

14.1. Competition in the Industry

14.2. Potential of New Entrants

- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Siemens Healthineers AG
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. SWOT Analysis
- 15.2. Koninklijke Philips N.V.
- 15.3. General Electric Company
- 15.4. Ziehm Imaging GmbH
- 15.5. Shimadzu Corporation
- 15.6. Canon Medical Systems Corporation
- 15.7. Hologic, Inc.
- 15.8. OrthoScan, Inc.
- 15.9. Eurocolumbus S.r.l.
- 15.10. Allengers Medical Systems Limited

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Mobile C-Arm Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Full Size C-arm v/s Mini Size C-arm), By Technology (Flat Panel v/s Image Intensifiers), By Application (Orthopedics and Trauma, Cardiovascular, Urology, Gastroenterology, Neurology, Others), By End Users (Hospitals, Specialty Clinics, Ambulatory Surgical Clinics), By Region & Competition, 2021-2031F

Product link: <https://marketpublishers.com/r/MF7FD44FA398EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MF7FD44FA398EN.html>