

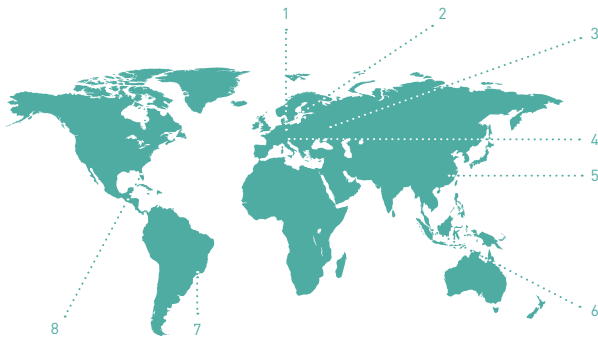
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Product portfolio
Mobile C-arms for highest
quality images and a wide
range of clinical applications

As a specialist in mobile fluoroscopic imaging, Ziehm Imaging sets global trends in interventional radiology and surgery. For almost 40 years, we have been working closely with renowned universities and research institutes to develop mobile C-arms for a wide range of clinical applications. Ease of use, seamless integration in existing infrastructures and outstanding image quality at minimum levels of radiation make our products unique. We at Ziehm Imaging feel a strong sense of responsibility for both medical staff and patients.



Offices

- | | |
|-------------------------|-------------------------|
| 1 Nuremberg (Germany) | 5 Shanghai (China) |
| 2 Kerava (Finland) | 6 Singapore (Singapore) |
| 3 Moscow (Russia) | 7 São Paulo (Brazil) |
| 4 Reggio Emilia (Italy) | 8 Orlando, FL (USA) |

Ziehm Solo. Superb imaging meets versatile design.

Thanks to the integrated monitor, this C-arm is one of the most compact and versatile on the market. Ziehm Solo is especially designed for crowded treatment scenarios and delivers great performance for pain management, orthopedics and other applications. As an option Ziehm Solo can be easily supplemented with an extra viewing station or connected to existing display systems.

- Full size monitor mounted on C-arm
- Light-weight design with compact footprint
- High resolution thanks to 1k x 1k technology
- Intuitive touchscreen user interface
- Pulsed monoblock generator for optimal image quality
- Optional: ODDC (Object Detected Dose Control) for optimized image quality, even when the object is moving or at the edges



Ziehm Vision. The new standard in mobile imaging.

As the basic technology platform for all mobile imaging systems in the Ziehm Vision family, this C-arm suits the broadest spectrum of surgical applications. Packed with leading-edge technology and state-of-the-art functionality, Ziehm Vision sets a new benchmark in high-end mobile imaging and ensures minimum levels of radiation.

- High resolution thanks to 1k x 1k technology
- Active Cooling for unlimited fluoroscopy time
- ODDC (Object Detected Dose Control) for optimized image quality, even when the object is moving or at the edges
- Smallest footprint
- Intuitive Ziehm Vision Center user interface



Ziehm Vision FD. Flat-panel technology for distortion-free imaging.

Ziehm Vision FD is the world's first mobile C-arm with flat-panel detector technology. This detector enables fully-digital, distortion-free imaging. Thanks to its high dynamic range it also allows concurrent soft tissue and skeletal imaging.

- Easy handling in the OR thanks to a larger C-arm opening
- Flat-panel technology with 1k x 1k matrix for highest resolution
- Fully digital imaging chain for processing images without loss of quality
- Pulsed monoblock generator for outstanding image quality



Ziehm Vision R. Powerful solution for excellent mobile imaging.

Equipped with a powerful monoblock generator with rotating anode technology, Ziehm Vision R combines highest image quality with lowest radiation levels. The outstanding power reserves make this C-arm particularly suited for demanding procedures in vascular and interventional cardiology surgery, including AAA, PTCA and coronary angioplasty.

- Rotating anode with variable pulse width for optimal image quality
- Most powerful monoblock generator in the Ziehm Vision family
- Smallest footprint and highest performance
- Advanced Active Cooling for extended fluoroscopy time in challenging procedures



Ziehm Vision RFD. The mobile interventional suite.

This mobile interventional suite offers the superior quality that until now would have been expected only from fixed imaging systems. Ziehm Vision RFD provides the latest flat-panel technology for distortion-free imaging and an extended field of view. The larger C-arm opening and 165° orbital rotation ensure ease of use in the OR.

- 30cm x 30 cm flat-panel detector for distortion-free imaging
- Ease of use in the OR thanks to 165° rotation
- Rotating anode with 4-50 ms pulse width for optimal image quality
- Pulsed monoblock generator with up to 25 frames per second and up to 20kW performance
- Advanced Active Cooling for extended fluoroscopy time in challenging procedures



Ziehm Vision Vario 3D. Compact 3D imaging.

Ziehm Vision Vario 3D's small footprint and variable isocenter make it ideal for 3D imaging during surgery. The fully automatic 3D scanning procedure saves time and helps to reduce radiological follow-up examinations. Combined with navigation systems, this C-arm is particularly suited to orthopedics as well as traumatological, neurosurgical, oral and maxillofacial surgery.

- 3D imaging for multiplanar reconstruction with 512³ voxel image volumes
- 2D imaging for standard use in clinics
- Variable isocenter for easy positioning of patients during surgery
- Open interface (Ziehm NaviPort) to navigation systems



Ziehm Vision FD Vario 3D. Distortion-free 3D imaging.

Equipped with flat-panel technology and a variable isocenter, Ziehm Vision FD Vario 3D produces crystal-clear 3D images during surgery. The flat-panel can be easily positioned and allows optimum access to patients. Combined with navigation systems, this C-arm is particularly suited to orthopedics as well as traumatological, neurosurgical, oral and maxillofacial surgery.

- 3D imaging for multiplanar reconstruction
- Easy to position in the OR thanks to a larger C-arm opening
- Open interface (Ziehm NaviPort) to navigation systems
- Variable isocenter for easy positioning of patients during surgery
- Fully digital flat-panel technology for processing images without loss of quality



Ziehm 8000.

Proven C-arm technology.

Ziehm 8000 combines reliable mobile imaging technology with a 24" high-end flatscreen. It is the tried-and-tested choice for orthopedic interventions, pain management, traumatology and urology.

- Optimal image quality on a high-resolution split-screen
- High contrast ensures crystal clear images on screen
- Image processing such as edge enhancement, windowing and zoom
- Metal correction and soft tissue program to eliminate irradiations



Ziehm Compact.

C-arm with smallest footprint.

As an option of the Ziehm 8000, this mobile C-arm bundles all main mobile imaging requirements into one compact platform without the need for a separate monitor cart. This makes Ziehm Compact ideal for use in emergency care, orthopedics, as well as in general and traumatological surgery.

- Light-weight design with smallest footprint
- High resolution 18" screen mounted on the C-arm
- Anatomical programs for all imaging scenarios
- Optional monitor cart
- Individual start-up configuration

