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Product portfolio  
Mobile C-arms for highest  
quality images and versatile  
clinical applications

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As a specialist in mobile x-ray-based imaging, Ziehm Imaging sets global standards in interventional radiology and surgery. For over 35 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.

## 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 1x1k technology
- Active cooling for unlimited fluoroscopy time
- ODDC (Object Detected Dose Control) for optimized picture quality, even at the periphery of moving images
- Smallest footprint
- Intuitive Vision Center user interface



## Ziehm Vision FD. Flatpanel technology for distortion-free imaging.

Ziehm Vision FD is the world's first mobile C-arm with flatpanel 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
- Flatpanel technology with 1x1k 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 perfect 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 4ms pulse width for optimal image quality
- Most powerful monoblock generator in the Vision family
- Smallest footprint delivering highest performance



## Ziehm Vision RFD. The mobile intervention suite.

Ziehm Vision RFD combines all the benefits of Vision R with the latest flatpanel technology. This means outstanding image quality, a wider field of view and lowest radiation levels. The larger C-arm opening and 165° orbital rotation ensure ease of use in the OR.

- 30x30 cm flatpanel detector for distortion-free imaging
- Ease of use in the OR thanks to 165° rotation
- Rotating anode with 4ms pulse width for optimal image quality
- Pulsed monoblock generator with up to 25 frames per second



## 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 maxillo-facial surgery.

- 3D imaging for multiplanar reconstruction with 512<sup>3</sup> voxel image volumes
- 2D imaging for standard use in clinics
- Variable isocenter for easy positioning of patients during surgery
- Open interface (NaviPort) to all navigation systems



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

Equipped with flatpanel technology and a variable isocenter, Ziehm Vision FD Vario 3D produces crystal-clear 3D images during surgery. The flatpanel 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 maxillo-facial surgery.

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



## Ziehm Compact.

### C-arm with smallest footprint.

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



## Ziehm 8000.

### Proven C-arm technology.

Ziehm 8000 combines reliable mobile imaging technology with a 23" high-end flatscreen. It is the tried-and-tested choice for orthopedic interventions, pain management, traumatology and urology.

- Perfect image quality on a 23" 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

