



With the demand for imaging systems with a smaller footprint is growing, the Ziehm Solo FD is perfect. The C-arm is one of the most compact c-Arm on the market. The Ziehm Solos is equipped with the latest in flat-panel technology called CMOS. It can work with a vast assortment of applications like Orthopedics, trauma and pain management.

Image quality and efficiency are the most important quality in a C-arm but are also challenging factors in the daily clinical routine. In comparison with other c-arms the latest flat panel technology CMOS of the Solo FD, can achieve a higher spatial resolution due to the smaller pixel size, along with a lower noise level and high read-out.

## Features

- Achieve significantly more details with CMOS flat-panel technology
  - Pulsed 2.4 kW monoblock generator for high levels of performance
  - High Spatial resolution due to smaller pixel size of CMOS technology
- Ensure maximum flexibility with a versatile design
  - compact all-in-one design without the need for a standalone monitor cart
  - Configurable viewing options to ensure maximum flexibility
  - 165 degrees of orbital movement and 87 cm C-arm opening for easier patient coverage.
- Optimize process efficiency with advanced clinical workflows
  - Wireless Freedom concept to increase efficiency and safety in the OR
  - Color Coded Scales and Handles for unmistakable communication
  - Open interface, Ziehm NetPort with WLAN, enables easy integration into existing IT networks
- Work with a minimized dose with intelligent dose regulation - now in the next generation
  - Comprehensive dose concept for high image quality and minimized doses
  - automatic optimization of dose and image quality with advanced anatomical programs
  - Dedicated functions to significantly reduce exposure in pediatric surgery
  - Beam Filtration for reduced skin entrance dose without compromising on image quality for all CMOSline system



# Specifications

## Mechanical

C-arm vertical free space: 34"  
 C-arm Depth: 27"  
 Weight: 765 lb  
 Height: 69 - 85"  
 Width: 31.5"  
 Length: 67 - 76"

## Flat-Panel

Type: CMOS technology  
 System resolution: 5 lp/mm  
 Detector size: 20.5cm x 20.5 cm  
 Field Size: 2 k x 2k  
 Mag mode 1: 1.5 k x 1.5 k  
 Mag Mode 2: 1 k x 1k

## Monitor

Display size: 19" (x2)  
 Brightness (panel): typ. 1000 cd/m<sup>2</sup>  
 Ziehm Viewing station: Optinal

## Electrical

Power supply: 120 VCA, 60 Hz ± 10%

## X-Ray Generator

X-ray Tube: Stationary anode  
 generator type: monoblock  
 High-frequency generator: 40 kHzM/li>  
 Maximum output: 2.4 kW  
 Plus fluoroscopy kV range: 40-120 kV  
 Pulse fluoroscopy mA range: 0.2-20 mA  
 Pulse Rate: 25, 12.5, 8, 4, 2, 1 pps