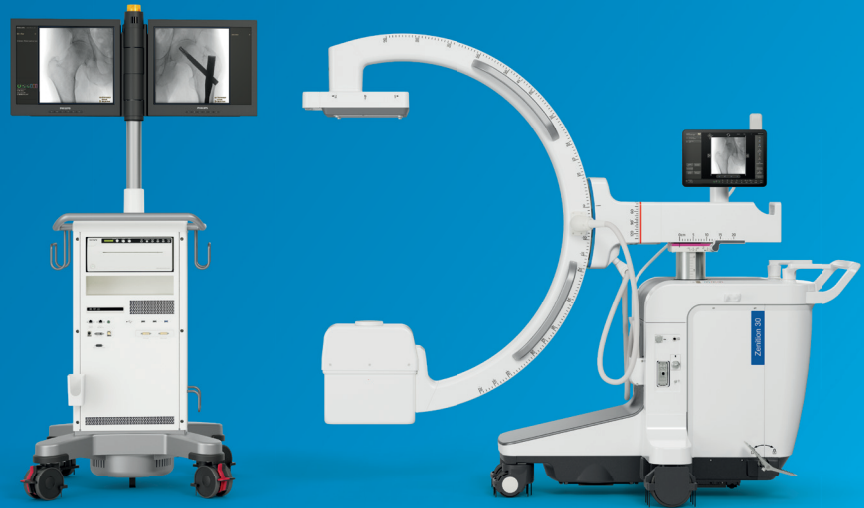


PHILIPS

Image Guided Therapy

Mobile C-arm System
3000

Zenition 30



Mobile C-arm for Orthopedic Surgery

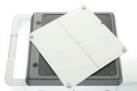
Philips Image Guided Therapy Mobile C-arm System 3000 – Zenition 30

Give your surgical teams simple, more flexible imaging to make fast, informed decisions. Benefit from Flat Detector technology, advanced imaging algorithms, and a Personalized IQ feature that provides outstanding image quality and dose efficiency – helping you perform a wide variety of orthopedic procedures.



Personalized IQ and User profiles

With Personalized IQ, efficiently image a variety of procedures and patients with application-specific protocols and customizable presets covering the extremities, spine, thorax, hip, and pelvis anatomies. A single click applies the required image quality parameters without resulting in an excessively high X-ray dose, according to the ALARA principle. Users can create unique profiles as per their preferences for imaging and general parameters. Every time a user logs in, the system will automatically adjust to their settings.



Pediatric mode and asymmetric collimation

Exam settings enable low-dose modes for pediatrics. Imaging and dose settings can be tailored to small objects and pediatric patients by removing the X-ray grid. Unique asymmetric shutters increase collimation flexibility and help users collimate the anatomy outside the field of interest – all with a single fingertip.



Easy maneuverability

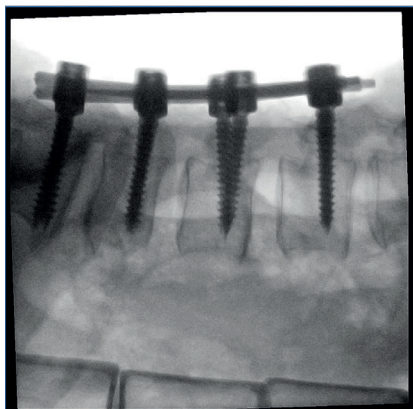
Gain ample depth (73 cm) and angulation range (156°) to easily position the C-arm and image around the lumbar spine and hip. The compact 20 x 20 cm Flat Detector is designed to achieve steeper projections during orthopedic procedures. Furthermore, users can easily operate the system with the simple movements of the fully counterbalanced C-arm.



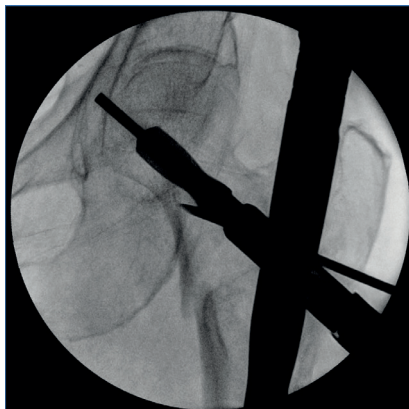
Electromagnetic brakes

Reduce manual effort to lock and unlock brakes with the controls for the electromagnetic brakes provided on either side of the C-stand. The electromagnetic brakes further contribute to an improved workflow for the technician, as all the brakes can be released from one place.

MetalSmart & BodySmart



Lumbar spine fusion



Hip nailing



Ankle fracture

MetalSmart automatically excludes metal artifacts caused by implants to provide high image quality and efficient dose control during orthopedic procedures. BodySmart promotes first-time-right imaging and dose efficiency by automatically adapting the measuring field to the area of interest.



Up to 90% reduction in X-ray dose in skeleton mode selecting from a wide range of dose-frame rate combinations¹



84% of users believe the pediatric mode could enhance confidence when treating pediatric patients²



98% of users believe that the electromagnetic brakes support an efficient workflow³

Please check with your local representative for availability in your market.

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¹ The X-ray dose reductions refer to specific features and will vary depending on the dose parameters selected.

² Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 37 respondents (26 surgeons & radiologist and 11 technologists & nurses) from the EU and US, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.

³ Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 50 respondents (26 surgeons & radiologist and 24 technologists & nurses) from the EU and US, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.