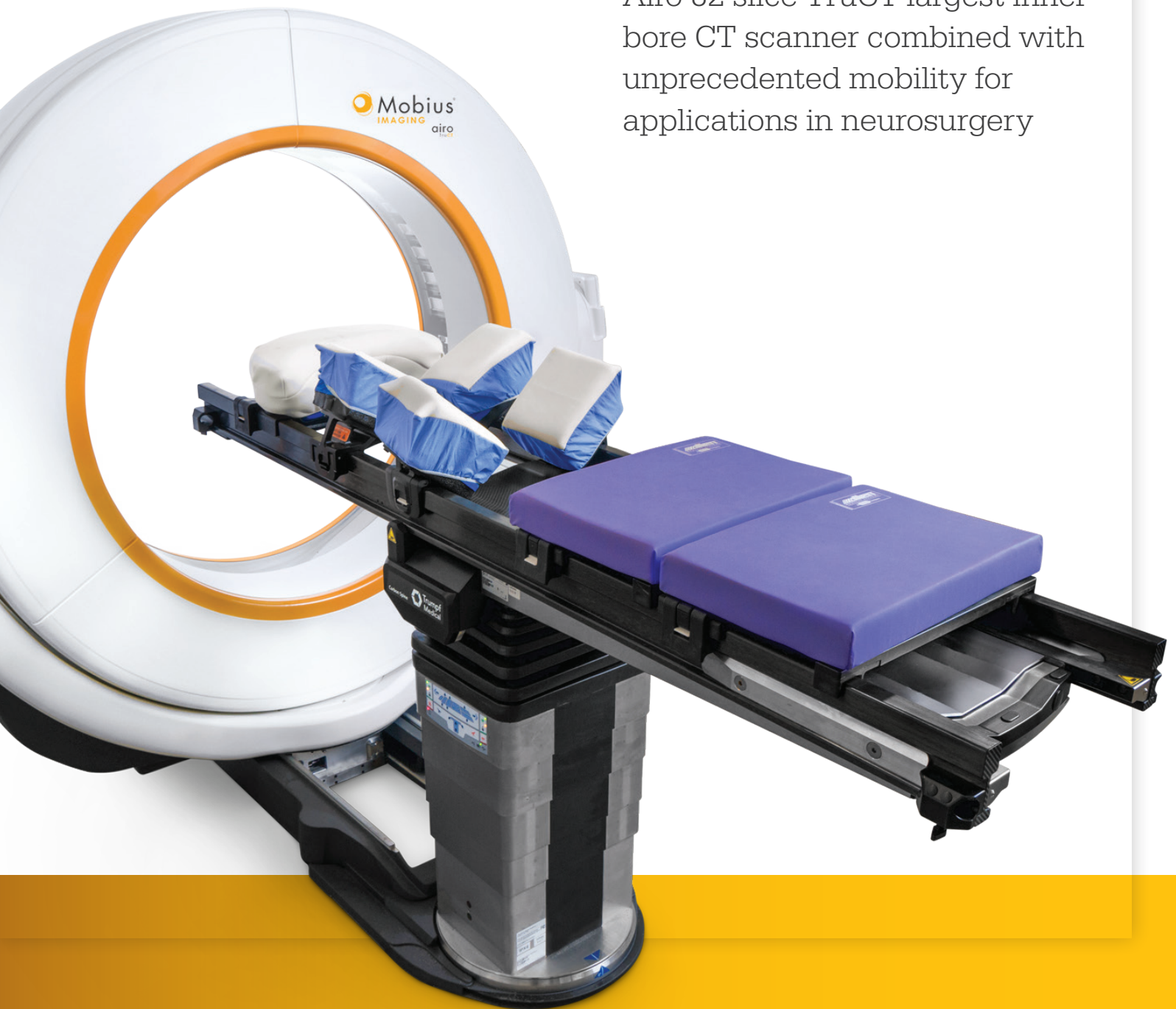


Airo[®] TruCT[®]

Airo 32 slice TruCT largest inner bore CT scanner combined with unprecedented mobility for applications in neurosurgery



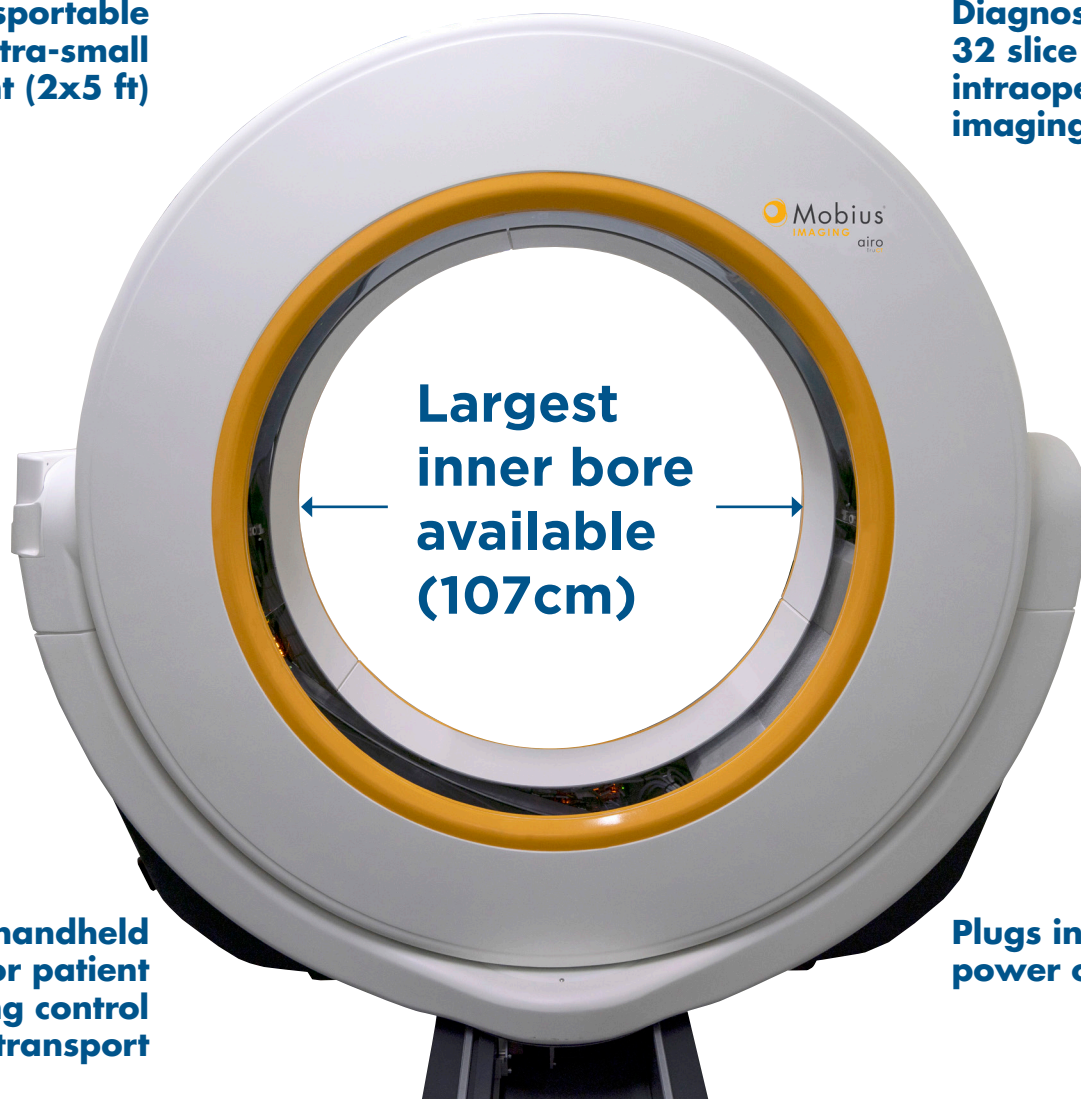
Airo TruCT

A highly mobile CT scanner with the largest bore available to help maintain overall surgical accuracy and a highly efficient workflow

- Intraoperative CT imaging can assist with **hardware placement accuracy** by imaging and treating the patient in the same position
- **System mobility** enables high utilization in a neurosurgery department
- **Seamless integration with surgical navigation systems** provides near real-time updates for image guidance

Easily transportable with ultra-small footprint (2x5 ft)

Diagnostic quality, 32 slice CT for intraoperative imaging



Easy-to-use, handheld pendant for patient set-up, imaging control and system transport

Plugs into standard power outlet

Mobility



- Airo's mobility is **unprecedented**
- **Self propelled**
- Easily fits through **standard size doorways**
- **Forward facing camera** to guide Airo into position
- **Weight compatible** with standard hospital elevator systems



Benefits

in neurosurgery

Clinical

Helps minimize surgical uncertainty by **providing immediate access to CT** for visualization of complex anatomy

On-demand Airo CT provides patient imaging in the same treatment position, which may **improve navigation accuracy**

The largest inner bore enables patients to be scanned **without repositioning**

Workflow

Can save time by eliminating the need to transport patients to radiology for confirmatory imaging

Integrates seamlessly and discreetly into the surgical workflow without disrupting the OR environment

Mobile design allows for use across multiple operating rooms

System technical specifications and dimensions

Airo Mobile CT

CT bore size	107cm
Generator power	30kw (120kV, 250mA)
Detector size	32 slice
Slice thickness	1.0mm
FOV	51.2cm
Scan mode	Axial, helical
Helical scan time	40sec/m

Image quality

Reconstruction matrix	512 x 512
Low contrast detectability	3mm at 0.6%

Helical scanning capabilities

Rotation time	1.92 sec
Scan range	1m
Scan Time	40 sec (for 1 meter scan range)
Helical scan pitch	1.415
Slice thickness	32 x 1.0mm
Image reconstruction time	48 images per sec

Electrical requirements

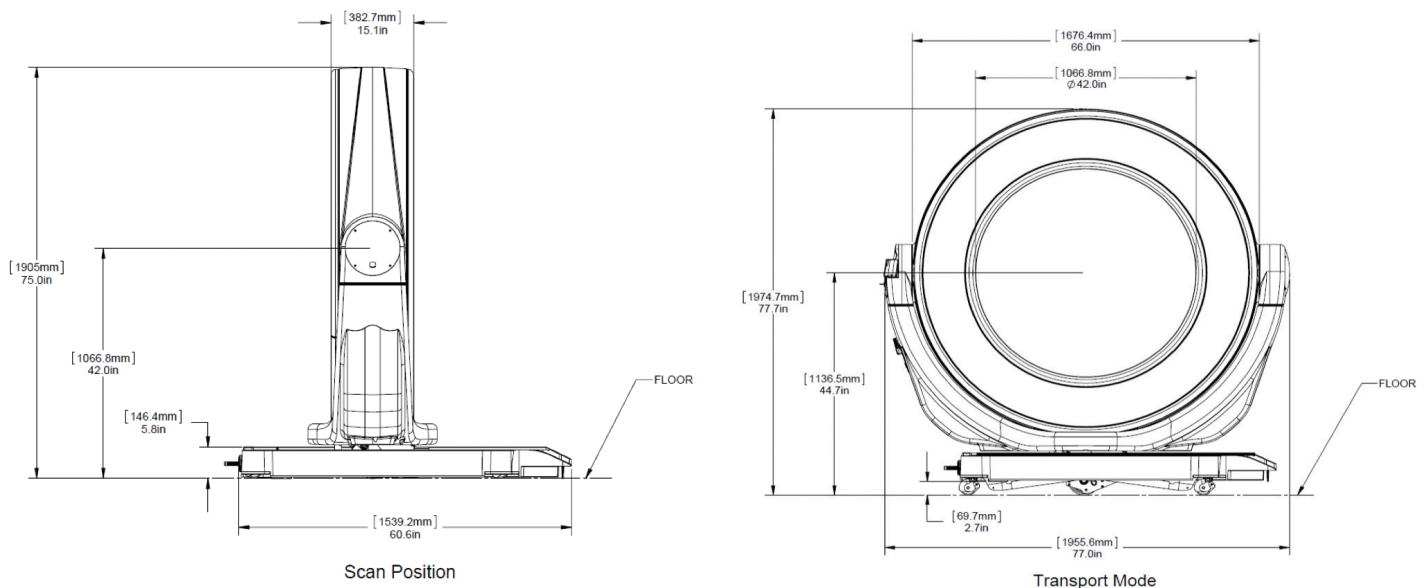
Phase	Single
Voltage	100-240VAC, 6.25A@240VAC, 15A@100VAC
Power	1500VA
Frequency	50/60Hz
Battery system	Lithium Iron Phosphate (LiFePO4)
Battery charging	6 hours (typical charge time)

X-ray detection

Detection system	Solid-State Array
Main detectors	32 rows

X-ray generation

X-ray tube voltage	80, 100, 120kV
X-ray tube current	10 - 250mA



The surrounding environment where the Airo will be used requires proper shielding to protect against scatter radiation. Guidance for radiation shielding is provided in the Mobius Airo Pre-installation Guide. Assessment from locally approved experts on radiation control may also be required.

United States: This equipment is certified to be in compliance with the applicable standards of CFR, Title 21, Subchapter J as of the date of manufacture. This equipment complies with 21 CFR 1040.10 and 1040.11, except for deviations pursuant to laser notice No. 50, dated June 24, 2007 (Class 2 Laser Product, IEC 60825-1:2007).

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker's product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any of Stryker's products. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your sales representative if you have questions about the availability of products in your area.

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