

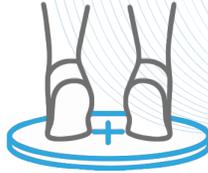
HiRise[®]

CurveBeam AI

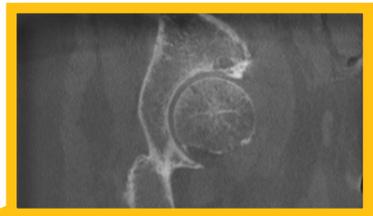
*The HiRise™ is CE Marking approved and FDA 510(k) cleared



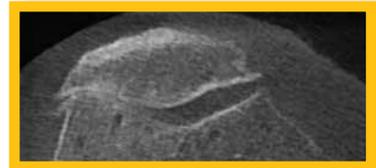
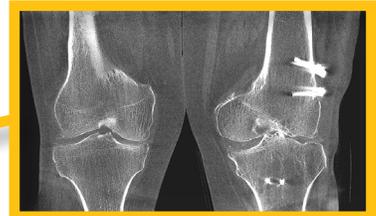
58"x73" (147cm x 185cm)
footprint; standard
230VAC/30A power.



20cm x 43cm FOV
can be narrowed to
reduce exposure.



*Assess functional leg alignment.**



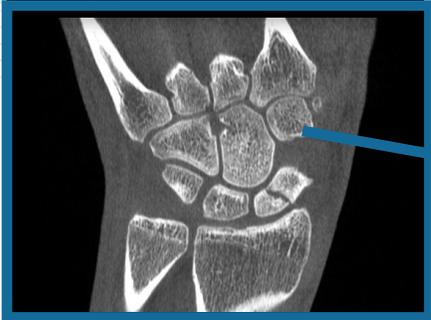
Review joint space in three dimensions.



*Bilateral weight bearing scans
provide a contralateral reference for
functional deformities.*



HiRise[®] CurveBeam AI



Rotate the gantry vertically for scans of the hand, wrist and elbow as well as non-weight bearing feet, ankles and knees.



The HiRise's[™] chair accommodates patients up to 450 pounds (204 kg), and has been thoughtfully designed for easy maneuvering and compact storage.



Custom Vendor-Specific Protocols For Your Pre-Operative Planning System of Choice

Using WBCT for pre-operative diagnosis can:

Decrease operative time and increase rates of implant survival.¹

Improve accuracy of component alignment.¹

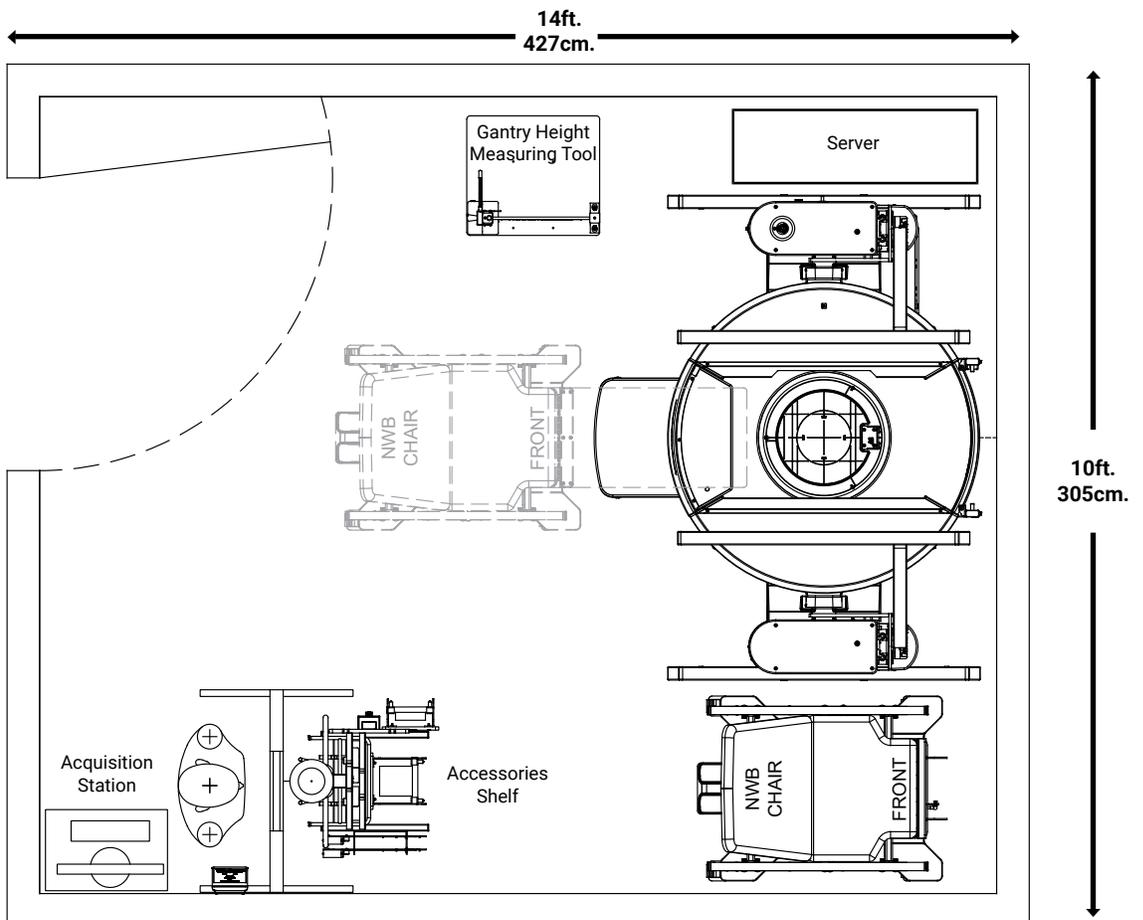
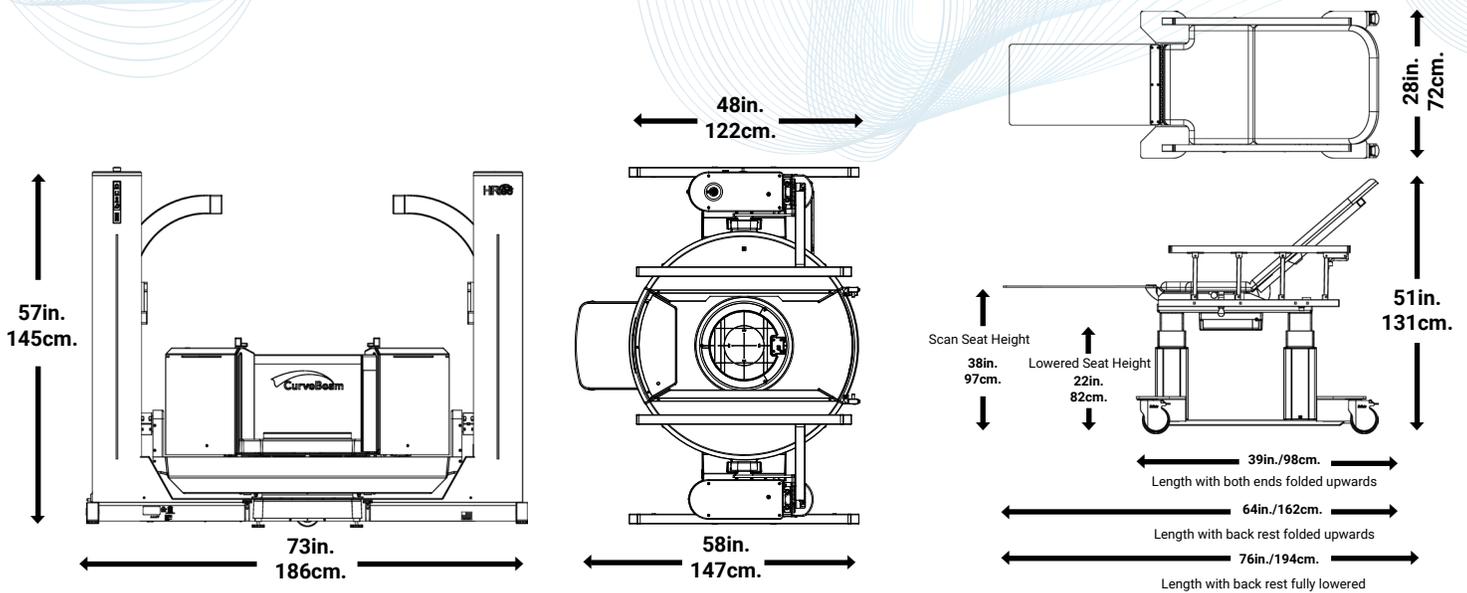
Decrease need for corrective osteotomies.¹



* Cadaver scan; image characteristics may vary between patients.

(1) Zeitlin J, Henry J, Ellis S. Preoperative Guidance With Weight-Bearing Computed Tomography and Patient-Specific Instrumentation in Foot and Ankle Surgery. HSS J. 2021 Oct;17(3):326-332. doi:10.1177/15563316211026325. Epub 2021 Jul 7. PMID: 34539274; PMCID: PMC8436345.

All specifications are subject to change



- Fits in 140 sq ft (13 sq m)
- Plugs into a standard 230VAC/30A outlet
- Some shielding typically required

Included Accessories

- Non-Weight Bearing Chair
- Positioning accessories & Custom Storage Shelf
- Operator Acquisition & Post-Processing Station
- Radiation Shields
- Gantry Height Measuring Tool
- System Server



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Specifications

All specifications are subject to change.

| Description | Specification |
|---|---|
| Anatomical coverage | Upper extremities (excluding shoulder), lower extremities, hip & pelvis. |
| Indications for Use | Indicated for patients 40 - 450 lbs (18 - 204 kg). |
| Shielding | System covers lined with .38mm lead; included attachments reduce patient dose |
| Software | CubeVue Visualization Software; PACS/DICOM Compliant |
| Reconstruction features | Metal artefact reduction, Motion correction, Composition-based scatter correction |
| CBCT scan times per joint* | 33 - 55 sec |
| CBCT procedure time (Defined as patient enters to patient exits) | Foot/Feet: 76 sec.; Knees: 120 sec.; Hip + Pelvis: 305 sec.; Hip + Knees + Feet: 330 sec.; Upper Extremity: 76 sec.; Supine Feet/Ankles/Knees: 76 sec. <i>Total procedure times can take up to 12 minutes for a full leg exam.</i> |
| Max Height - Top of FOV/ Center of FOV | 46.85" (119cm)/ 42.91" (109cm) |
| Radiation exposure time (based on typical pulse width) | 5.76 - 13.5 sec |
| Reconstruction time | 1-3 minutes per 20cm orbit |
| Image detector | Amorphous Silicon flat panel |
| Image gray scale | 16 bit |
| CBCT imaging volume | Large FOV: 7.7" / 19.5 cm h x 16.76" / 48.58 cm dia Medium FOV: 7.7" / 19.5 cm h x 9.9" / 25.39 cm dia |
| Resolution | 0.25mm, 0.3 mm, 0.5mm |
| Dataset file size | 300MB - 1200MB |
| System size: height x depth x width | 57"x58"x73" (145cm x 147cm x 185cm) |
| Weight | Scanner: 900 lbs / 408 kg; Patient Chair: 250 lbs / 113 kg |
| Power requirements | 240VAC/30A outlet |
| Tube voltage | 100 kVp, 120 kVp |
| Tube current | 12 - 20 mA |

*Scan time is defined as the duration in which the exposure button is pressed and the patient must remain still. Laser Radiation. Do Not Expose User of Telescopic Optics. Class 1M Laser Product.