

# CT SCANNER SPECIFICATIONS

## Scanning envelope

Height = 5000mm

Diameter = 1000mm

Maximum object weight: 2 tons (centered load)

**X-ray source:** 4MeV (200R/min @ 1m) linear accelerator

**Detector:** 512 element scintillation crystal linear detector array

**Spatial resolution:** 0.4-0.8mm (depending on the scanning modes)

## Scanning modes

Rotate-Only(RO) max. field of view = 660mm

Translate-Rotate(TR) max. field of view = 1000mm

Digital Radiography(DR) max. field of view = 1050x5000mm

**Standard deliverable:** CT or DR images in 16bit TIFF format

**Post-processing (option):** 3D modeling, 3D movie

**Object handling:** Manual, Log loader system, Overhead crane