



AGITO  
MEDICAL

Site Planning Guide

## Canon Aquilion Prime SP

CT13/14 - CT Relocatable

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# 01 Introduction

This Site Planning Guide provides information to potential customers on the preparations they would need to make so that this Relocatable CT Rental Solution can be successfully delivered, sited and put into clinical operation.

The customer site must be prepared in accordance with the details given in this guide so that that the relocatable unit & the installed medical equipment will function properly. This guide exclusively describes the Relocatable Unit and its siting, environmental & electrical requirements, and is meant to give outline details. Further detailed specifications, requirements are available upon request.

Please refer to the Spec Sheet for specifications of the installed CANON Aquilion SP CT Scanner and associated equipment, and the System Leaflet for further details and features of the Relocatable.

# 02 Mobile Unit Specifications

## 2.1 Dimension and weight

|                                 |                |
|---------------------------------|----------------|
| Length                          | 13,60 m        |
| Length of Unit with Access Ramp | 17,20 m        |
| Width                           | 3,60 m         |
| Height                          | 3,0 m          |
| Weight of unit                  | 29.000 kg      |
| Min. area for placement         | 22,00 x 6,00 m |

## 2.2 Lead shielding

The mobile unit is equipped with lead shielding, ensuring that radiation levels outside the scan room conform with EU standards at all times.

|                    |                  |
|--------------------|------------------|
| Walls in scan room | 2.65 mm (code 6) |
| Floor in scan room | 2.65 mm (code 6) |
| Roof               | 2.24 mm (code 5) |
| Doors to scan room | 2.65 mm (code 6) |

Please note: Layout drawings showing lead shielding are available upon request.

## 2.3 Access to the mobile unit

The relocatable CT is accessed via its Patient Access Ramp and Sliding Door. The entry has an external camera connected to an integrated CCTV system, allowing staff to easily control entry.

# 03 Environmental Requirements

## 3.1 Physical requirements

- Area to be provided: 22,00 m x 6,00 m (L x W)
- A clearance of at least 2,00 meter is required all around the unit to allow for service work and maintenance. This must be respected at all times, and is included in above area requirement. Exceptions to the above requirements, can only be approved by an AGITO representative.
- Siting of the Relocatable must be made on a solid surface that is level, with a maximum 1% gradient (0.6 deg), with a loading capacity of 29,000 Kg (29 tons). Site access must also be able to carry the weight of the Transport and associated siting crane equipment (if required). Unit levelling via the inbuilt Hydraulic levelling system is possible.
- The unit is designed to be transported via roads and deployed by using either its hydraulic legs to raise it above the flatbed trailer and lowering it to the ground, or by use of its crane lifting brackets. When the unit is deployed, each of the hydraulic legs should be supported by a concrete pad of at least 1m<sup>3</sup> with a load capacity of at least 8500kg.

## 3.2 Electricity

|  |   |
|--|---|
| Power/tension requirements                         | 400V, 250A – 50 Hz.<br>Three-phase systems with phase rotation (TN-S)<br>Phase 1 – R or L1<br>Phase 2 – S or L2<br>Phase 3 – T or L3<br>Neutral – N<br>Earth – PE |
| Norm connection plug                               | Female Marachell DS2 Connector with Dedicated Insulated Neutral & Earth.  |
| Voltage variation                                  | +/- 10 %  |
| Frequency (Hz) variation                           | +/- 1%  |
| Distance to the main distributor box of the system | Advised max 10 m  |
| Emergency power stop switch                        | Installed in; scan room, operator room  |



Norm connection plug

Please note: A stable electric power supply meeting above specifications must be provided by the customer for the whole rental.

## 3.3 Water

The unit is equipped with a sink, which can provide hot & cold water if connected to a clean, cold-water supply. A wastewater outlet would need to be connected for this facility to be utilized.

## 3.4 Connectivity

The Units External Connection Box houses;

- Qty 4 Ethernet (CAT 6) connection points. Alongside VISBION CUBE, this allows secure, easy integration to the customers HIS/RIS & PACS systems and allows secure remote support from OEM Service providers.
- Connection Point for 2-way integration with Customer Fire Alarm system. (Customer responsible for configuration & connection to its services)

# 04 Before Delivery

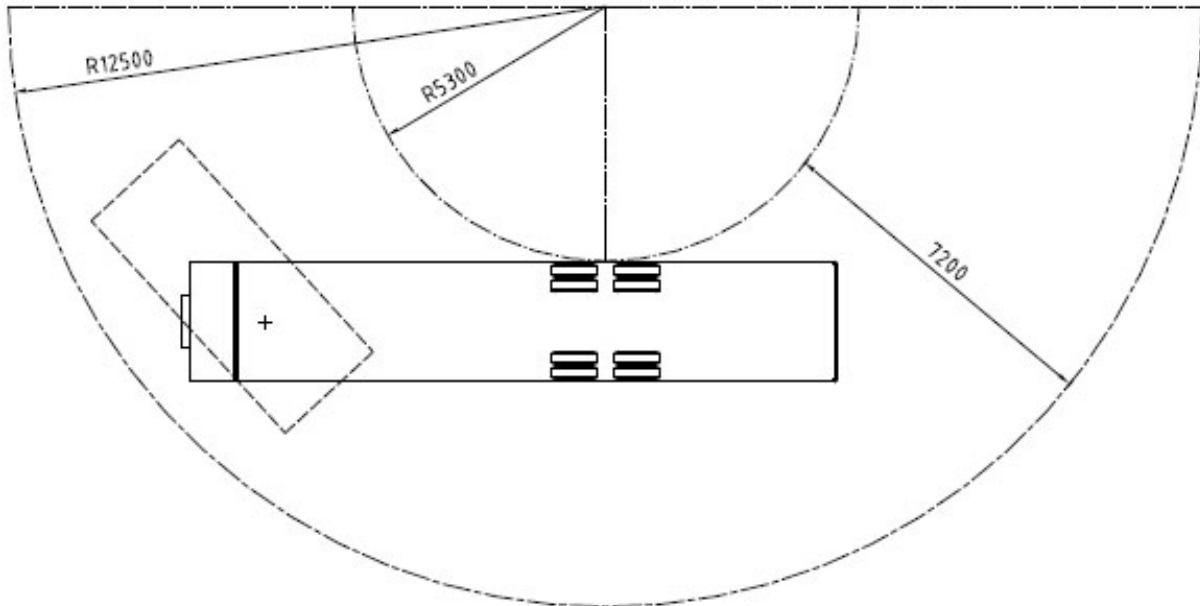
## 4.1 Preparations of access route

- The route to the installation location has to be trafficable for the tractor and unit with reference to the below “Vehicle access requirements”.
- An AGITO project manager will be made available for a site survey & consultation prior to Rental and Unit Delivery. They will advise customer on the siting & placement of the unit and access requirements etc.
- If a site visit is requested by the customer, AGITO Medical reserves the right to invoice this expense separately.
- All obstacles, parked cars, low branches or other potential non-conformities to a failure-free access, are to be removed prior to delivery.

Please note: The client is responsible for all necessary preparations of the installation location, the access route, as well as the provision of the required connections.

## 4.2 Vehicle access requirements

The access way must have a minimum width of 7,2 m. The radius of the turning circle should have an outer radius of 12,5 m. and an inner radius of 5,3 m.



# 05 Mobile unit layouts

## 5.1 Mobile unit layouts

