



AGITO
M E D I C A L

Site Planning Guide

Canon Aquilion Prime

CT19 - CT Relocatable

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01 Introduction

This Site Planning Guide provides information to potential customers on the preparations they need to make in order for 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 unit and the installed medical equipment will function properly. This guide exclusively describes the relocatable unit and its siting, environmental and electrical requirements, and is meant to give outline details. Further detailed and specifications, requirements are available upon request.

Please refer to the spec sheet for specifications of the installed scanner and associated equipment, and for further details and features of the relocatable unit.

02 Relocatable Unit Specifications

2.1 Unit details and dimensions

Type	Relocatable
Length of unit	13,50 m
Length of unit with access ramp (can be extended)	19,00 m
Width	3,50 m
Height	3,20 m
Weight of unit	29.000 kg
Min. area for placement (subject to site survey & ramp requirements)	17,50 x 5,00 m

2.2 Magnetic shielding

Magnetic shielding has been installed into the unit to meet the required Radiation Protection Standards.

Seperation wall control room	4.00 mm pb	full height to roof
Lead window	4.00 mm pb equiv.	-
Sliding door control room and door in equipment room	2.65 mm pb	-
Exterior wall right and left	2.65 mm pb	full height to roof
Seperation wall equipment room	2.65 mm pb	full height to roof
Roof	2.24 mm pb	full area
Floor	2.65 mm pb	900mm from outside wall inward
Floor base plate	20 mm steel	

03 Environmental Requirements

3.1 Physical requirements

- Area to be provided: 22,00 m x 6,00 m approx. (L x W)
- A clearance of at least 2 m is required all around the unit so that the unit can be maintained and allow enough space for the airconditioning to function correctly. This clearance allowance should always be respected and is included in the area requirement. Exceptions to the above requirements can only be approved by an AGITO representative on site survey.
- 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 have a nylon support block of 0,4 m x 0,4 m, supported by a concrete pad of at least 1m³ with a load capacity of at least 8500 kg.

3.2 Electricity

Power/tension requirements	400V Three-phase Phase Rotation – L1, L2, L3 (TN-S) 50HZ 200A
Norm connection plug	Female Marachell DS2 Connector with Dedicated Insulated Neutral & Earth.



Norm connection plug

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

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 waste water outlet needs to be connected for this facility to be utilized.

3.4 Connectivity

The unit has the following connectivity;

- QTY 2 ethernet (CAT 5/6) 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 is responsible for configuration & connection to its services).

04 Before Delivery

4.1 Preparations of access route

- 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 best possible siting & placement of the unit and access requirements etc.
- The route to the installation location has to be trafficable for the tractor and vehicle access requirements seen below.
- If additional 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 Unit delivery

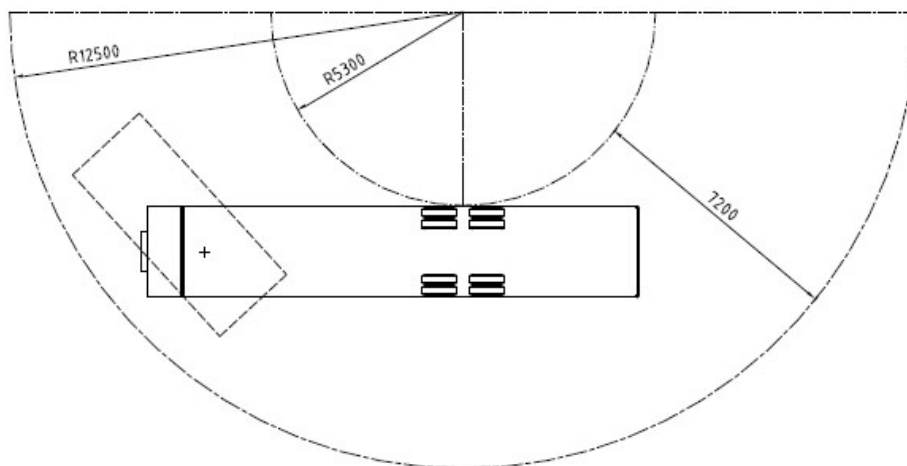
The unit is equipped with hydraulic legs to lift the unit from the chassis of the transport trailer. In cases where the unit cannot be unloaded using the hydraulic legs, the unit can be craned into position. The AGITO Project Manager can advise in circumstances where this option is required.

4.3 Access and security

The relocatable CT is accessed via two patient access doors. There is an optional ramp which can be installed onto either door as per site requirements. Both entries have an external CCTV camera connected to an integrated CCTV system, allowing staff to control entry (see picture on page 5).

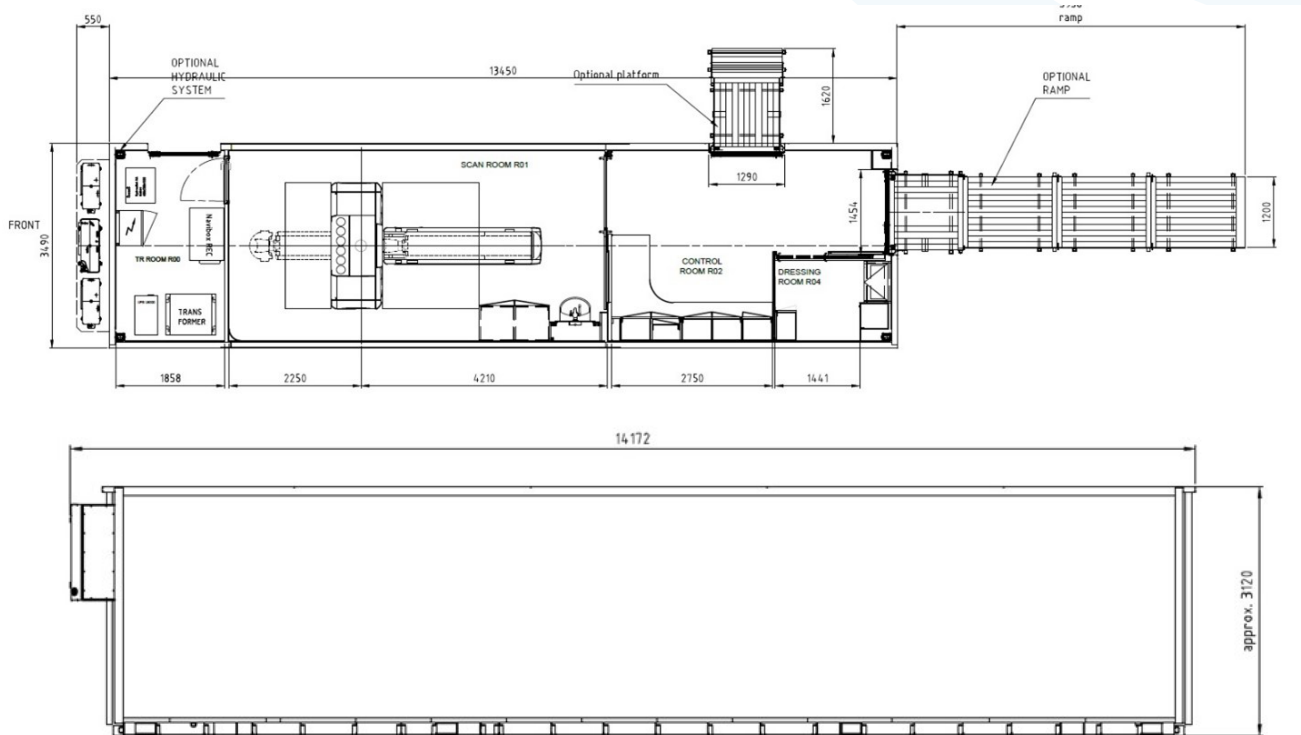
4.4 Vehicle access requirements

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 Relocatable Unit Layouts

5.1 Unit layouts



5.2 Access ramp

An access ramp can be installed as per the sites requirements to either access door.



Do you want to see how it looks inside the Relocatable CT unit?

Take a 3D tour by scanning the QR code below.

