



AGITO   
M E D I C A L

Site Planning Guide

# GE Revolution EVO

CT09 - 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 unit and the installed medical equipment will function properly. This guide exclusively describes the unit and its siting, environmental and electrical requirements, and is meant to give outline details. Further specifications and site requirements are available upon request.

Please refer to the System Spec Sheet for specifications of the installed scanner and associated equipment, and for further details on the installed equipment.

# 02 Relocatable Unit Specifications

## 2.1 Dimension and weight

Length	13,00 m
Width during transport	4,55 m
Height	3,20 m
Weight of unit	29.000 kg
Min. area for placement	13,00 x 4,55 m

## 2.2 Radiation Protection

The 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	3,0 mm
Rear scan room wall	3,0 mm
Roof above scan room	1,32 mm
Scan room floor	1,32 mm

Please note: Layout drawings for radiation protection are available upon request.

## 2.3 Access to the unit

The unit can be accessed via stairs in the front (leading to the operator room) and at the back of the unit (leading to the changing rooms). Both stairs are equipped with guiderails.

## 2.4 Unit layout

Can be provided upon request.

# 03 Environmental Requirements

## 3.1 Physical requirements

- Area to be provided: 13,00 m x 4,55 m (L x W)
- A clearance of at least 1,50 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.
- A level (no more than 1% (0.6 degree) tilt and solid surface with a loading capacity of 24 tons is necessary.
- Additional reinforcements are required on unstable ground. Suitable reinforcement could be concrete, road surfacing or pavement (bound material).
- Additional space for patient lift and staircase must be secured around the unit for optimal access (see drawings).

## 3.2 Electricity

Power/tension requirements	400V, 160 Amp – 50 Hz. Three-phase systems with insulated neutral and earth (TN-S - N + PE) Phase 1 - R or L1 Phase 2 - S or L2 Phase 3 - T or L3 Neutral - N Earth - PE
Norm connection plug	Marechal 250A-type plug, 3 phased/ N/E/, 5 poles (female Marechal 250A outlet to be provided by client).
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 warranted for the whole rental. Cable protective ramps is client responsible if traffic is passing the cable.

## 3.3 Water

The water intake of the unit is a 15mm copper tube and the water outlet is a 43 mm PVC tube. The water intake connector is located in the back behind the control room.

## 3.4 Phone & network

The unit is equipped with data lines (RJ45 sockets). Socket/switch is available, in the operator room, for auxiliary communication equipment such as computers, laptops or IP-telephones. The RJ45 plugs found inside the trailer must be connected to the hospitals network, via the RJ45 connectors/sockets found on the outside of the trailer (belly compartment)

The connection of computers, phones and other communication equipment is the client's responsibility.

# 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 engineer or project manager from AGITO Medical A/S can be consulted on placement and access.
- All obstacles, parked cars, low branches or other potential non-conformities to a failure-free access, are to be removed prior to delivery.
- AGITO Medical will provide a project manager or engineer, for consulting during planning regarding placement.
- If a site visit is requested by the customer, AGITO Medical reserves the right to invoice this expense separately.

Please note: 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. The customer is then responsible for all necessary preparations as advised by the AGITO Project Manager.

## 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.

