



AGITO  
MEDICAL

Site Planning Guide

**GE Revolution EVO**

CT09 - CT Relocatable

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# 01 Introduction

This site planning guide shortly presents the mobile unit and describes preparations needed to be made by the client, in order to receive and connect the mobile unit.

The site must be prepared with respect to this site planning guide in order to ensure that the mobile unit can function properly. This site planning guide exclusively describes the mobile unit. Please refer to the system data sheet and OEM system manual for a description of the installed system.

# 02 Mobile 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 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	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 showing lead shielding are available upon request.

## 2.3 Access to the mobile unit

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

## 2.4 Mobile 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

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 mobile 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.
- 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.

