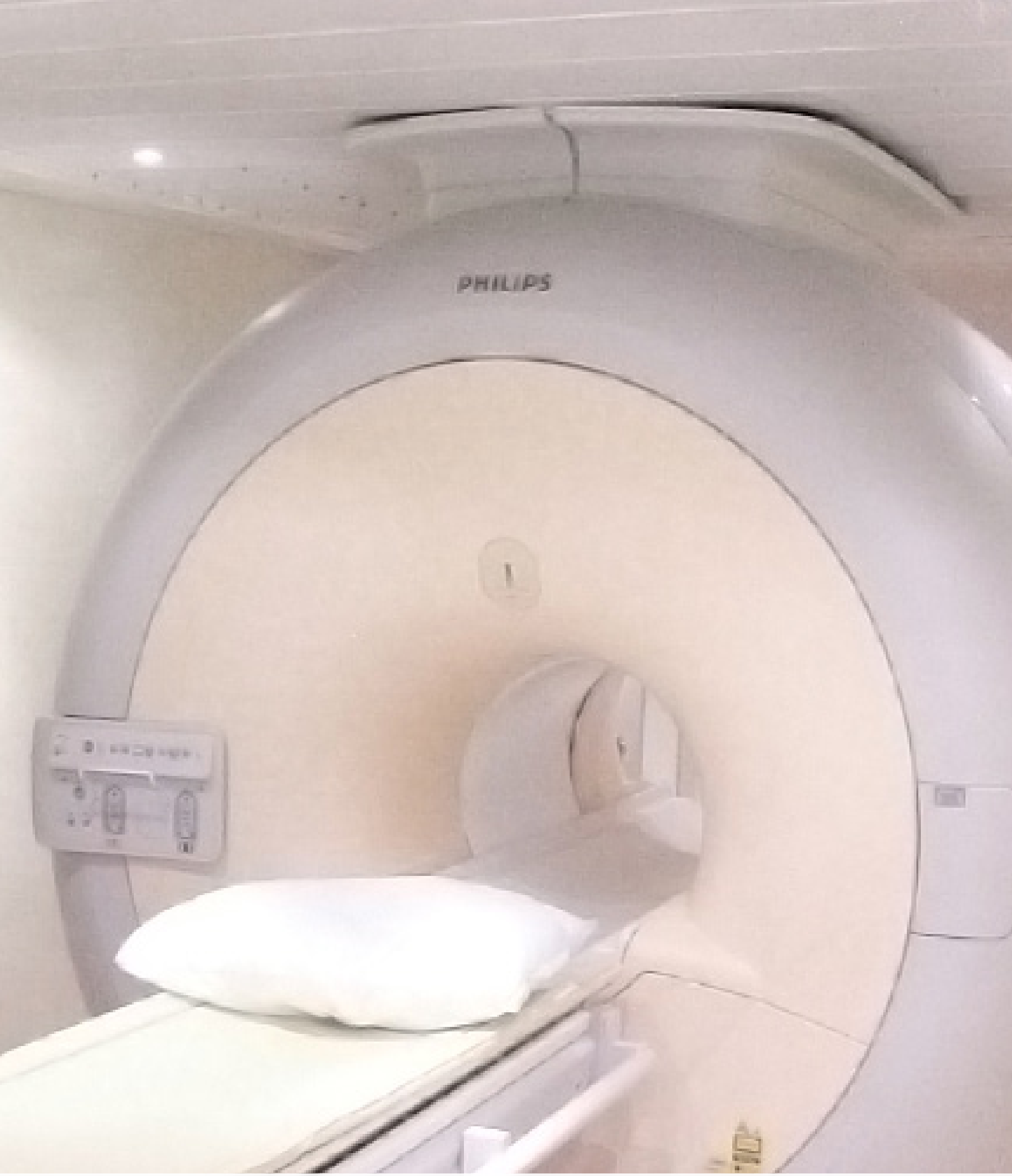

AGITO MEDICAL

Site Planning Guide

Philips Achieva 1.5T

MR12 - MRI 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 MRI 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	14,00 m
Width during transport	3,50 m
Height	3,00 m
Weight of unit	25.000 kg
Min. area for placement	15,50 x 7,00 m

2.2 Magnetic shielding

The unit is equipped with magnetic shielding, ensuring that external disturbances outside the scan room, conforms to system standards at all times, if the minimum area for placement is respected.

2.3 Access to the mobile unit

The unit can be accessed via doors on three sides of the building, in both the front (two leading to the operator room) and the back of the relocatable (one leading to the technical room). One door leading to the operator room/scan room can be equipped with a slope/ramp, to enable patient trolley access (the one in the end of the building). Ramp is not incl. as a standard and must be requested/built for each site.

2.4 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 unit must be connected to the hospitals network, via the RJ45 connectors/ sockets found on the outside of the relocatable unit (in compartment outside operator room, on the end of the unit). The unit is equipped with 1 x network inlets and a switch in the operator room, used to connect all equipment.

03 Environmental Requirements

3.1 Physical requirements

- Area to be provided: 15,50 m x 7,00 m (L x W)
- Large moving/active metal objects – e.g. cars, busses, escaladers, forklifts, trucks, transformers, helicopters, ambulances, elevators etc. should be kept at distance of min. 10 meters from magnet iso-center in order to ensure no disturbance is caused.
- A clearance of at least 1.50 meter is required all around the unit to allow for service work and maintenance and to avoid interference with the magnet's 5-gauss safety line. 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 27 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 trolley access and staircase must be secured around the unit for optimal access (see drawings).
- If any high voltage electrical installations are found nearby the requested location, this may interfere with magnet field. Further info can be obtained upon request.

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	Four installed; in scan room, operator room and technical room.
Rotating field of the connection on site of the customer	Indicator on board will show phase error

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 trafic is passing the cable.

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.

4.3 Relocatable unit layout

Can be provided upon request.