

MR 11 GE Signa Voyager 1.5T

Mobile MRI Trailer



Eurodiagnostic sp. z o.o.

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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.



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MAIN DETAILS

System ID:	MR11
Manufacturer:	General Electric
Model:	FI1012MR07 Signa Voyager 15.T
YOM:	2017
No. of channels:	33
Software:	PX26.0
Gantry opening:	70cm
Max table load:	205kg
Coils:	TDI Head Neck Array Anterior Array 8CH Foot Ankle Coil GEM Flex Interface 16CH Fixed GE FRU: 5430000-23 REV 3 GEM Flex Coil 16L Array Head Stand 16CH T/R Knee Coil Breast Coil Headrest Flat Table HD Flat GEM Table Breast Array

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TRAILER DETAILS

Type	SMIT
Length	13.82m
Width	2.55m
Height	4m
Weight	31 000kg
Min. area for placement	15.50m x 6.50m

UNIT FEATURES

Air-conditioning and recuperation system in all rooms	YES
Storage cabinets	YES
Sound system and FM tuner	YES
Hydraulic patient lift	YES
Sink with running water	YES
IT/Network connections in operator room	YES
Changing room for the patient	YES

ADDITIONAL FEATURES

AW workstation	YES
CD/DVD burner	YES
RIS/PACS/Network connection	YES
Injector	YES

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GROUND SURFACE

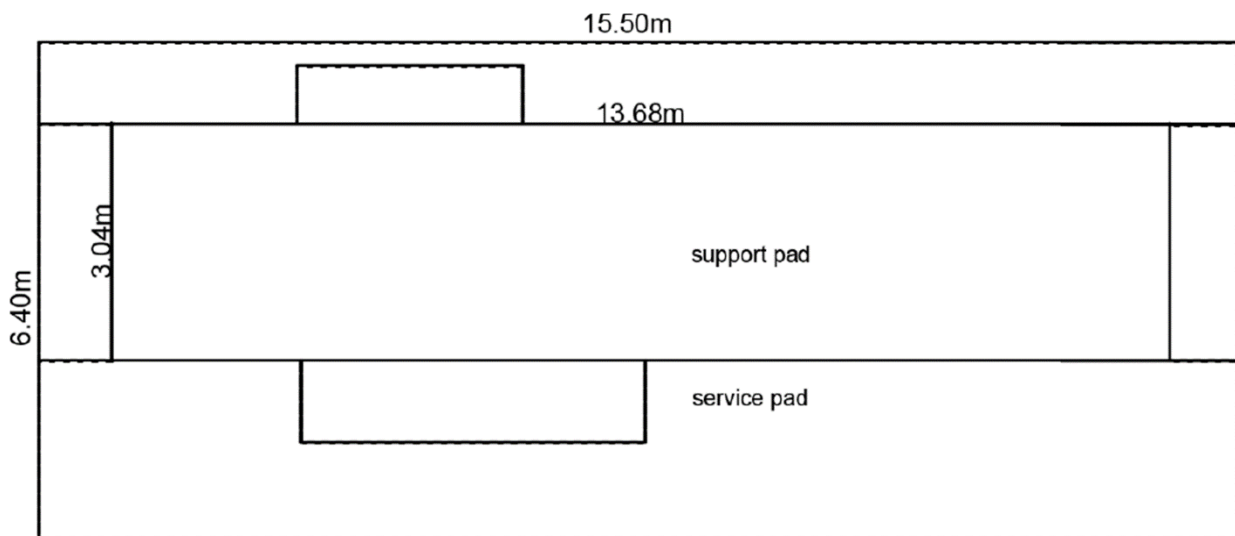
A level (no more than 1% (0.6 degree) tilt and solid surface with a loading capacity of 37 tons.

Additional reinforcements are required on unstable ground. This could occur with concrete, road surfacing or pavement (bound material) for example.

Support pad a full pad measuring 3.04m x 13.68m located as shown on the diagram below.

The support pad must be level (no more than 150mm variations over length and 50mm variation across length) to insure proper operation of the mobile MRI system.

Service pad a full pad measuring 6.40m x 15.50m located as shown on the diagram below, is recommended to provide service access and magnet helium transfer.



If you have any doubts regarding the placement and access, please contact Eurodiagnostic engineer.

MR 11 GE Signa Voyager 1.5T

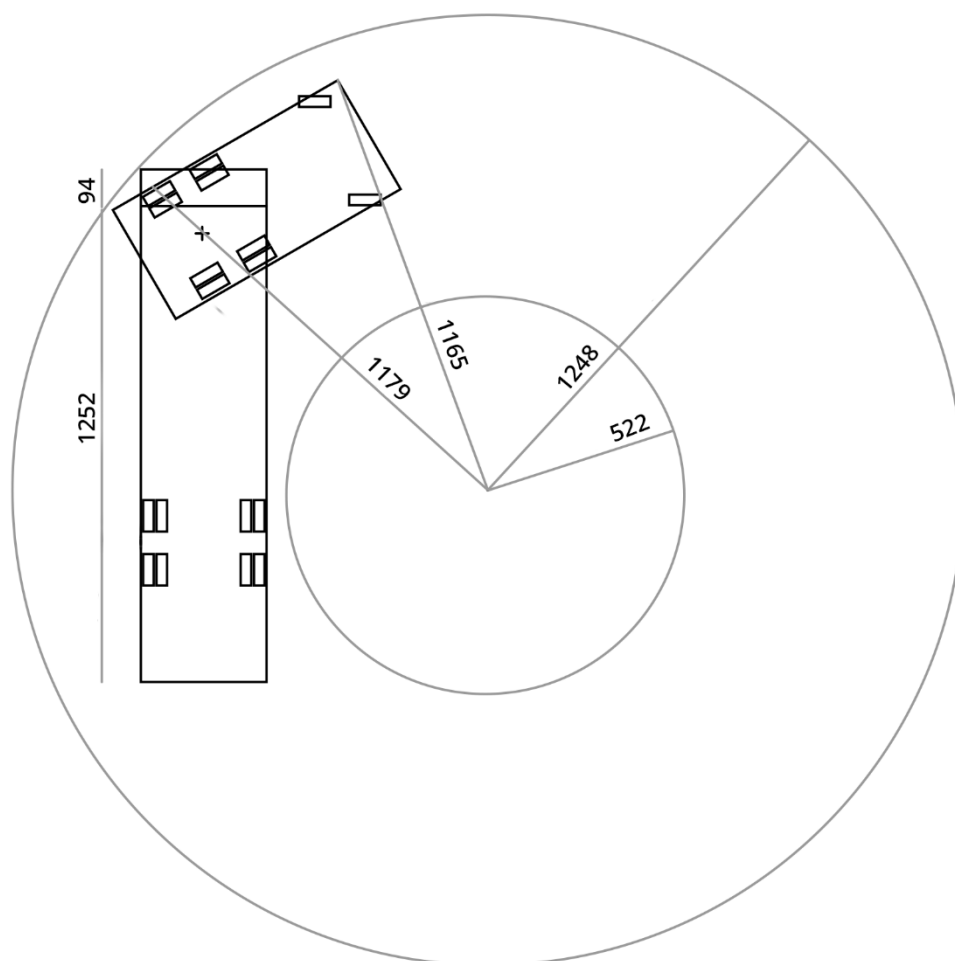
Mobile MRI Trailer



ACCESS ROUTE

The entrance to the location must be clear, passable, curb free and clear of parked cars: this for both delivery and collection. The access way must have a minimum width of 7.2m. The radius of the turning circle should have an outer radius of 12.5m and an inner radius of 5.3m. Engineer from Eurodiagnostic can be consulted on placement and access.

Please find below an illustration that details the turning circle needed for the trailer.

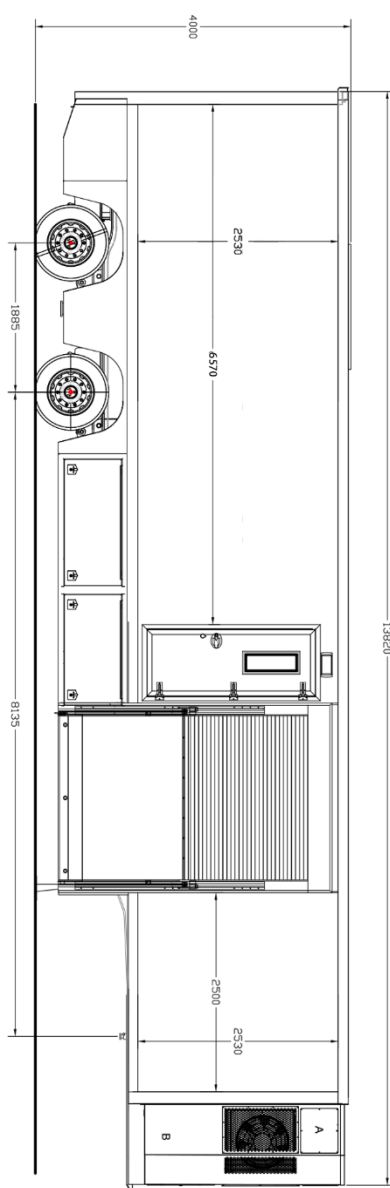


Mobile MRI Trailer



MOBILE UNIT LAYOUT

The mobile unit can be accessed, via a staircase and patient lift, both located on the front right side of the unit. The back end is also equipped with a door (leading to the back of the magnet), but this is only for service purposes. The patient lift can be used, to enable patient trolley access. The patient lift has a dimension of 150 x 200cm and a max capacity of 750kg.

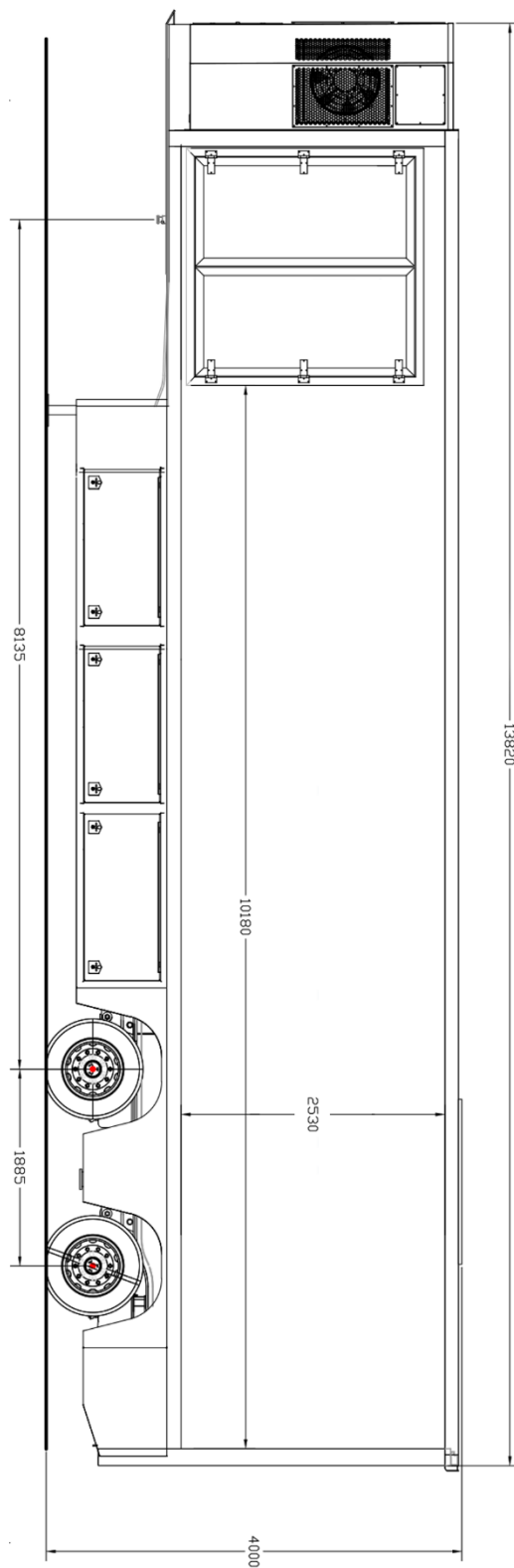


MR 11 GE Signa Voyager 1.5T

Mobile MRI Trailer

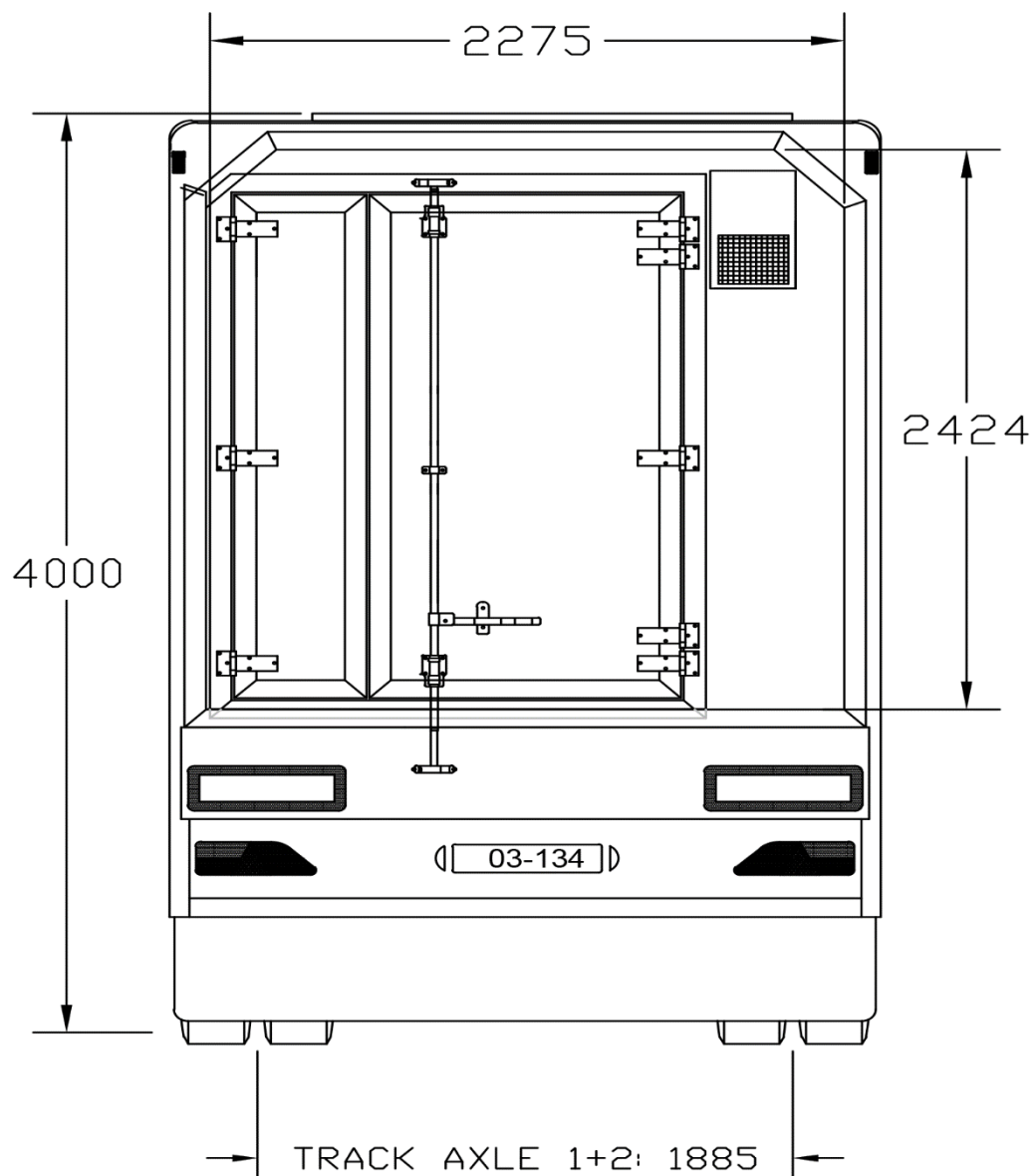


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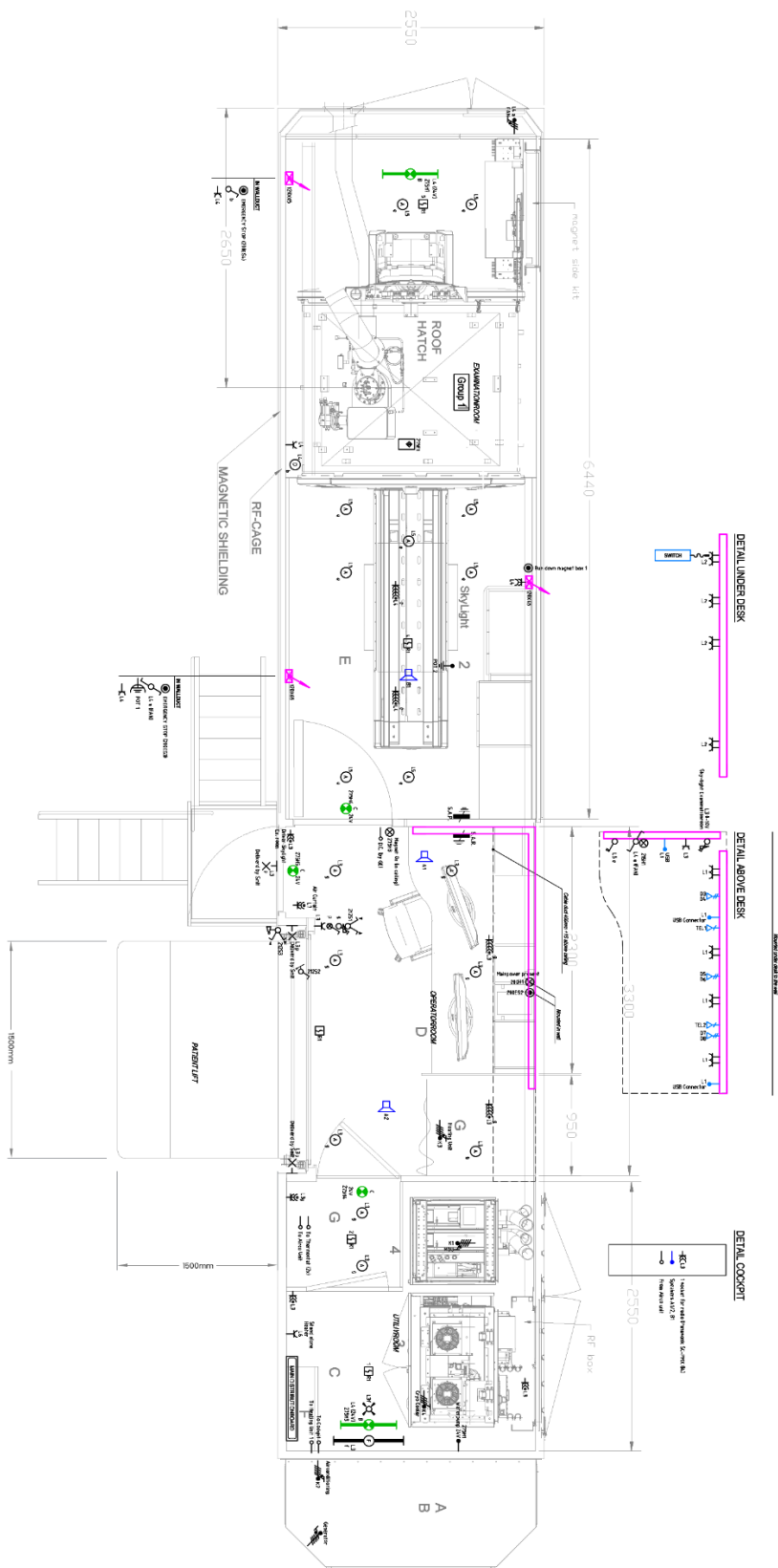
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PHONE AND NETWORK

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.

POWER REQUIREMENTS

Power cable length	15 - 20m
Type of socket required for power supply	Female Socket 5P 125A 400V IP67
Maximum power parameters	120kW
External connection protection	160A
Cable length up to 50m	5 x 35mm ² (copper cable) 5 x 65mm ² (aluminium cable)

The customer is responsible for bringing the appropriate cable to the electrical box. Cable cross-section up to 50 linear meters: 5 x 35mm² (copper cable) or 5 x 65mm² (aluminium cable) above 50 linear meters, the cable cross-section should be increased.

MR 11 GE Signa Voyager 1.5T

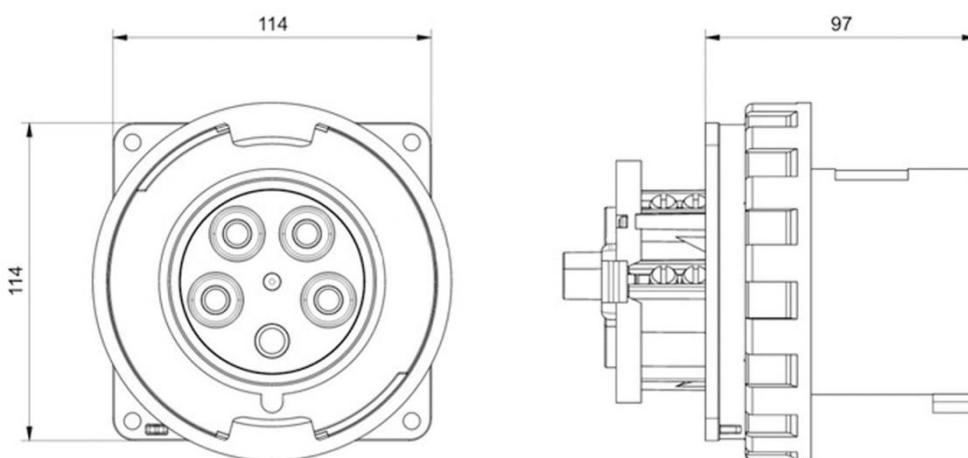
Mobile MRI Trailer



POWER BOX



SOCKET



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SERVICE

Maintenance and full service contract of mobile unit included.

In situations where units are delivered without a contact person on site (e.g. evenings, nights) please ensure the connection stands under tension and the rotating field has been checked.

Furthermore, an uninterruptible electric power supply must be warranted for the whole charter situation.

If any high voltage electrical installations are found nearby the requested location, this may interfere with magnet field.

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

The client is also responsible for possible approval procedures.

For technical questions, please contact:

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