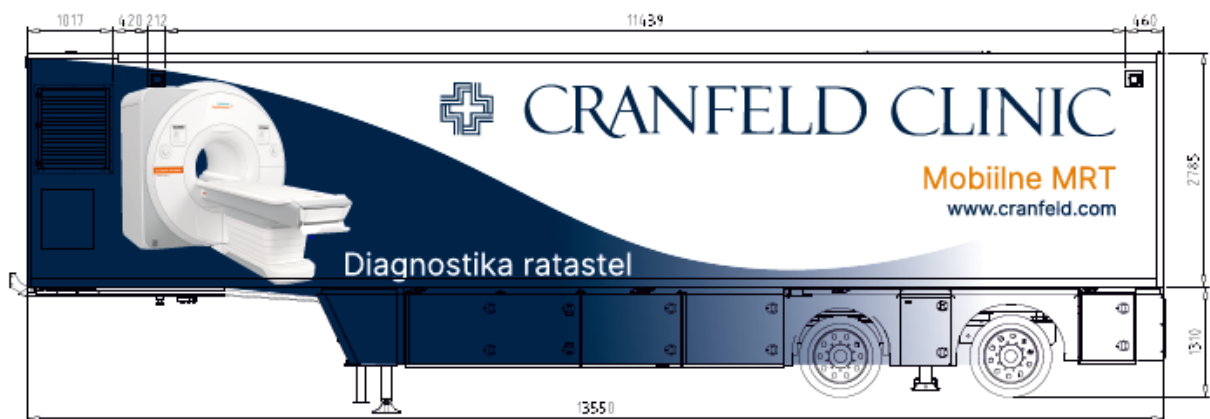




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MEDICAL**

**QUALITY  
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EVERYWHERE**

# SITE PLANNING GUIDE



Siemens Finland – Cranefeld Clinic  
Mobile Siemens Viato MRI  
Project: 239068

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Annex: Drawing 239068-010: Dimensions & weight  
 Drawing 239096-009 Site plan requirements

#	REVISION	DATE	NAME
-	First release	18-03-2024	MM

### Important Notice.

The information in this document is subject to change without notice.  
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## 1. General

This medical trailer requires specific site preparations by the operator at each desired location.

This guide contains information about the necessary preparations of the site, before placement and connections of the medical trailer.

The site must meet these requirements before the mobile unit can function properly.

## 2. Ground Requirements

The minimum area required for parking the trailer (without the tractor cab) is

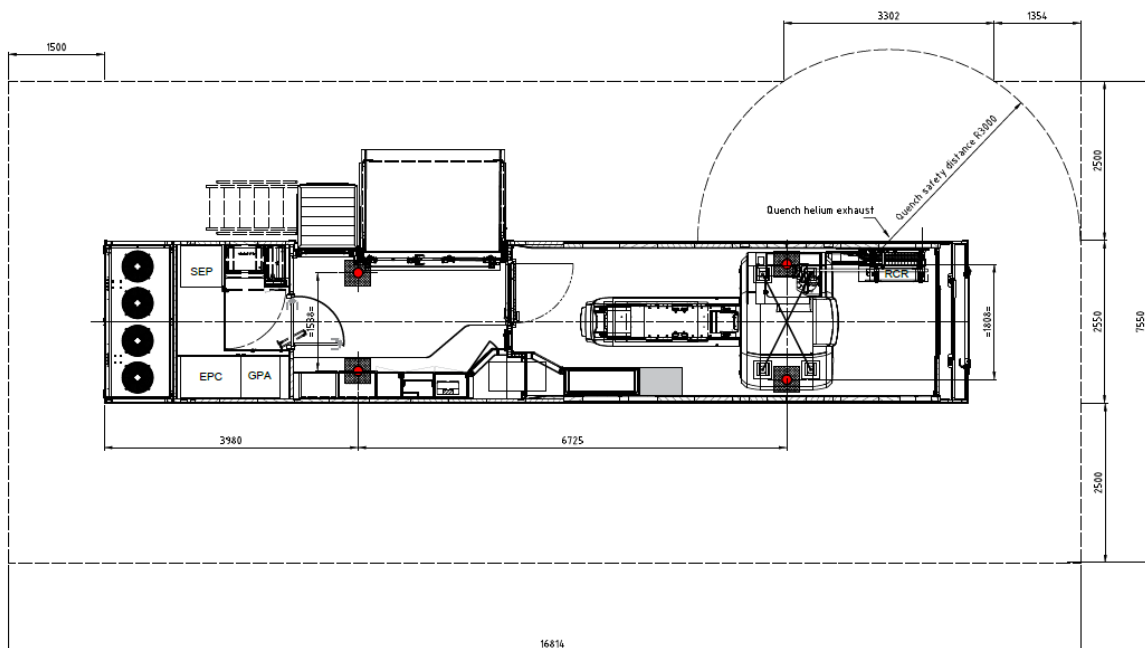
Length= 16,800 m

Width= 7,550 m

The ground and the access way must be clearly paved.

In order to ensure proper operation of the stabilizing system the ground must be level and the deviation must not exceed 1% (which is 0,6 degree!).

Make sure that that the patient lift, stairs and belly compartments are easily accessible for patient entry and services.



Drawing in the appendix gives an overview of the dimensions and weight of the Mobile Medical trailer.



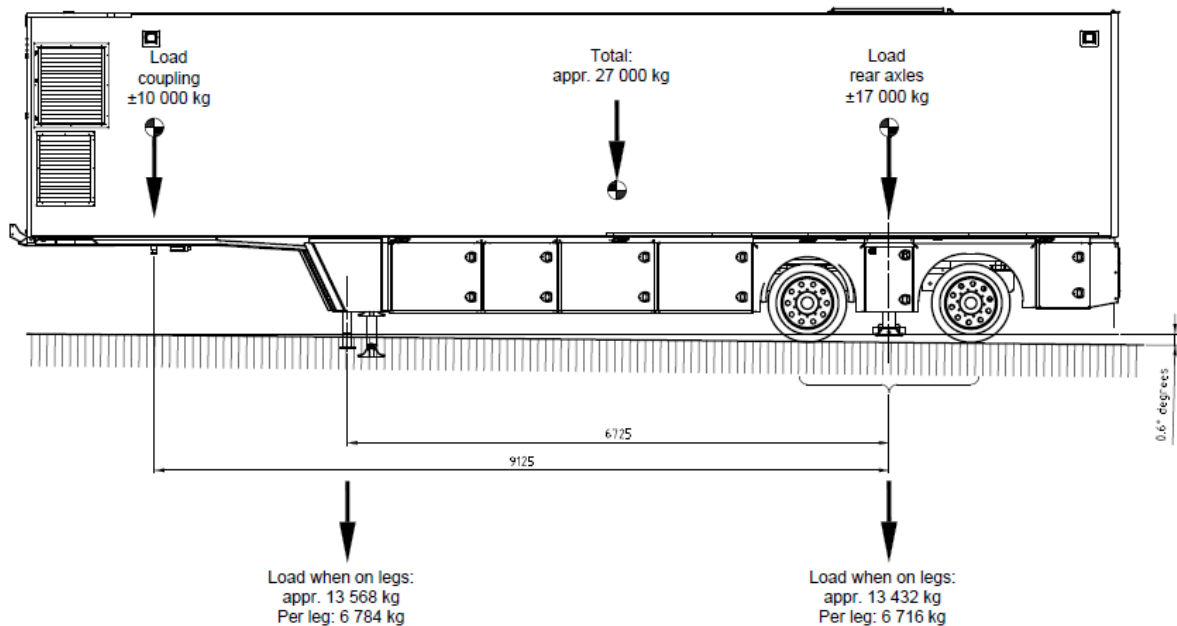
### 3. Support Pad Requirements

The ground and access way must be able to carry the weight of the trailer and tractor.

The weight of the trailer is approx 27 000 kg.

Under the support legs must be placed a nylon support block of 0,4 x 0,4 m (delivered with the trailer). Each position must be able to carry the load of the support legs, see drawing).

Drawing in appendix gives the positions of support legs of the trailer. (See appendix)

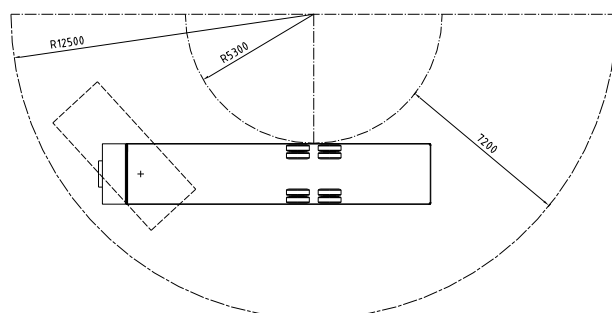


#### IMPORTANT NOTICE:

In order to ensure proper operation of the stabilizing system the ground must be level and the deviation must not exceed 1% (which is 0,6 degree!).

### 4. Access Route & Turning Radius

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 of the turning circles.



## 5. Electrical Requirements

The trailer is equipped with a 400 volt 3 phases 50 Hz electric system according to the TN-S system.

The site shall provide a 400 V, 50 Hz, service fused at the following capacities:

		Fuse rate:
1.	Siemens Viato MRI	<b>200 A</b>

The electrical phase rotation of the supply should be L1 L2 L3.

A 15 meter shoreline cable, wired directly to the trailer, is provided for connecting the mobile unit to local power.

The mains lead is not intended to withstand the wear and tear of traffic passing over it. The site shall provide necessary protective ramps, catenary systems or other means to protect the cable where it traverses roads or pathways.

The shoreline cable is provided with a with a 380 V - 250 A Marachell DS2 male connector with 2 parts:

- 1) Marachel part # 39 28 017: Inlet (male)
- 2) Marachal part # 392A 013: Handle

The customer facility must have the female connector to match this connector.

The electric installation must provide a dedicated medical earth terminal for connecting of the earth connection of the trailer.

This earth cable shall be connected to the trailer and the main supply outlet before the mains cable is plugged in!

### WARNING:

It's the user's responsibility to verify that the shore power is electrically compatible with the connector of the mobile trailer. Connecting the power to the wrong type of receptacle could cause serious injury or damage of the medical system.

