



**Feature Listing for the
Magnetic Resonance Imaging (MRI) Mobile Unit
Specifically Designed for the
Siemens Symphony 1.5T MRI System**

Dimensions: 48'L x 102"Wx13'6"H

1.0 CHASSIS

- 1.1 Twin I-beam welded aluminum chassis.
- 1.2 Anti-lock brakes.
- 1.3 Two (2) 20,000 capacity axles.
- 1.4 Hub-o-meter on curbside axle.
- 1.5 Air ride suspension with manual over ride controls.
- 1.6 Air ride kingpin with bolster plate.
- 1.7 Eight (8) radial tires mounted on polished aluminum wheels.
- 1.8 Two (2) electro-hydraulic landing legs on front of trailer.
- 1.9 Two (2) portable support stands for rear of unit.

2.0 BODY:

- 2.1 Welded aluminum tube frame.
- 2.2 Riveted attachment of pre-painted aluminum panels for exterior surface.
- 2.3 Sprayed on expanding polyurethane foam insulation.
- 2.4 Corner and gutter extrusions.
- 2.5 Electrical EMT tubing for all electrical power circuits.
- 2.6 All welded aluminum lower bay storage eliminates corrosion and leakage problems. 12V DC lighting included. Two (2) GFI duplex outlets.
- 2.7 Patient lift 7'6" wide high capacity with safety rails and pendant control. Storage rack with "safe" position sensor to assure proper storage for transport with pendant control and roll-up door.
- 2.8 44" wide main entry door with window and emergency exit hardware.
- 2.9 Staff entry and compartment doors constructed of aluminum with stainless steel hardware.
- 2.10 Exterior light and rain deflecting drip rail at entry door.
- 2.11 Aluminum stair assembly – lightweight and easily adjusted.
- 2.12 Emergency exit door 36" wide on driver's side in front of unit.
- 2.13 Magnetic steel shielding on two (2) sides and rear wall as required by medical system manufacturer.
- 2.14 RF shielded windows, one (1) in door and one (1) in wall between Scan and Control Rooms.
- 2.15 Four (4) level indicators mounted in suitable locations to facilitate leveling of unit.
- 2.16 Three (3) phone and one (1) data line connections are provided with lower bay compartment connections.

Rev.00

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Dated: 8/22/05



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2.17 Noise reducing generator housing constructed of aluminum with sound attenuation inner skin and louvers.

3.0 INTERIOR:

3.1 *Corian* countertops in both Control and Scan areas.

3.2 Fully insulated shielded and gasketed Control Room to Scan Room door with robust handle.

3.3 Acoustic tile ceiling in all areas.

3.4 Storage cabinets as shown in layout drawing.

3.5 All wall coverings have been selected for durability and ease of maintenance.

3.6 Floor conductive tile color to be chosen from Calutech samples.

3.7 A fire detection system with a remote alarm connection in lower bay.

3.8 One (1) hand held ABC fire extinguisher is installed in the Equipment Room.

4.0 HVAC SYSTEM:

4.1 Two (2) Bard 48,000 BTU HVAC units each with 18KW of heating capacity and hot gas bypass valve.

4.2 Separate source ducts and return air plenum system with damper style deflectors to control distribution of air conditioning and heat.

4.3 Thermostat sensor installed in return air duct to prevent hot or cold spots.

4.4 Steam humidifier with a 30-gallon water reservoir.

5.0 ELECTRICAL SYSTEM:

5.1 Primary power 480V 3-Phase four wire (3 plus ground).

5.2 60KW diesel electric generator.

5.3 Single point grounding system.

5.4 Shore/generator manual transfer switch.

5.5 50' power cable with RussellStoll DS2504MP connector compatible with standard MRI power connectors.

5.6 12V DC battery and charger/inverter with 12V circuit breaker panel and master switch.

5.7 Electrical system installed in accordance to NEC 2000.

5.8 Trailer lighting includes all high intensity LED lights.

5.9 AM/FM stereo CD player in Control Room.

6.0 GRAPHICS:

6.1 An allowance of \$1,500 for graphics is included in selling price.



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7.0 NOTES:

7.1 Calutech Mobile Solutions, Inc. Mobile Units are designed and manufactured in accordance with the requirements of the medical equipment manufacturer.

Accepted and Approved by:

Date: _____

Rev.00

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Dated: 8/22/05