

# Matrix 4000

 **Basic  
American**™



*Shown with Advanced Positioning*

# Matrix 4000



**SAVING  
ENERGY**



Electronics consume 66% less power than electronics that use a transformer. Over the life of the product, this saves money!

 **Basic  
American™**

## **SilverSolutions within the powder-coating provides antimicrobial surface protection.**

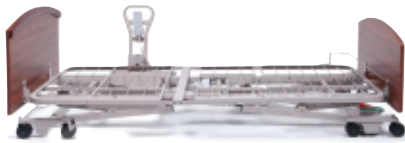
SilverSolutions inhibits the growth of organisms that can detract from the appearance and coating functionality:

- Inhibits the growth of bacterial odors
- Resists stains caused by mildew
- Resists stains caused by mold

SilverSolutions preserves the cured coating during the service life of the bed.

*GF Health Products, Inc. makes no independent representations or empirical statements about SilverSolutions.*

*This information is reprinted from: TCI Powder Coatings, EPA Guidance for EPA Registration 40 CFR 152.25*

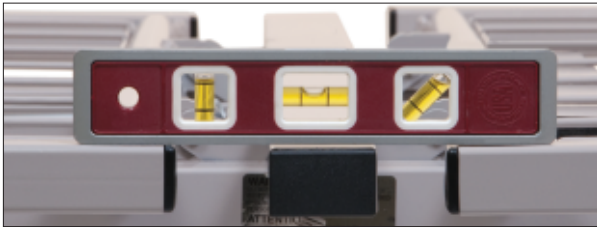


### *Designed for comfort and efficient operation*

**Height travel range: 8.95" to 27"**

Straight vertical rise protects walls and maintains footprint.

Strong, no-sag grid deck sleep surface with sturdy cross braces.  
**Safe work load: 450 pounds\***



**"Auto-Leveling" high-low motors** keep the bed level for proper therapeutic positioning.



**Sealed ball bearings** in hi-lo mechanism.



### **Pendant Hand Control and Holster**

Easy operation contoured pendant is shock-resistant, splash-proof and durable. Hand pendant will pass the 1000+ drop test onto a hard floor. Pendant connects to either side of the bed to adapt to varying room layouts. Holster conveniently secures to assist devices for easy access.

**Bed provides 360° mobility at ANY height**, ideal for cleaning under the bed.

### **Head and footboards**

Low profile mounting brackets are positioned below the mattress level for resident safety.

**Bed locks and rolls at any height**, reducing caregiver back strain.

**Tool-less assembly** reduces set-up time.



**Grounded bed** with right-angle hospital-grade plug is a standard feature.



### **Adjustable mattress retainer**

securely supports mattress position for 76" or 80" length (included with bed).



**Maximum underbed clearance** for use with overbed tables and lifts.

## Optional Features:

Standard sleep deck width is 35".

### Option 1: 42" sleep deck



Standard bed locking method is 4 locking casters.

### Option 2: Intuitive two-pedal locking system (standard for 42" sleep deck)



### Two-pedal locking system

is centrally positioned and easily visible from a distance to ensure that the bed is locked. Pedal locks are readily accessible at ALL bed heights and widths, even in the lowest position. Bed rolls at any height reducing caregiver back strain.



Standard functionality: Fully electric high/low, head and knee movement

### Option 3: Advanced Positioning



### Lounge chair and recliner positioning with one-touch of a button!

Positioning provides comfort and relaxation to the resident and brings the resident closer to the caregiver for proper care.

The **Cardiac Chair** is primarily designed for residents with heart and respiratory problems to whom a semi-upright position brings great relief. The chair can be made to serve as a fully reclined bed when needed, but can also be adjusted to form a chair. This "cardiac position" helps to elevate the patient from the waist up, which provides relief to the lungs, increases circulation, and assists the patient in coming from a fully prone position to a sitting position without causing harm or undue strain.

- ♦ **Trendelenburg and Reverse Trendelenburg** positioning, ideal for rehab and subacute, provides therapeutic benefits that can aid in circulation and ease body discomfort. Trendelenburg also promotes gravity assist resident self positioning.
- ♦ **Bed automatically pauses when it returns to level** from Trendelenburg, Reverse Trendelenburg or chair position.
- ♦ **Auto CPR** functionality allows for ideal CPR positioning in emergency situations.



Matrix4000APS hand pendant  
(Optional hand pendant with Trendelenburg/Reverse Trendelenburg is available).

Standard: Hand pendant

### Option 4: Safety inspired embedded staff control in the footboard

- Angled for better visibility.
- Two-stage lockouts – lockout of pendant use and lockout of embedded staff control.
- Quick lockout buttons lock multiple functions simultaneously.



## Accessories:

**Assist Devices** provide a sturdy and secure hand hold to assist residents in and out of bed. Assist devices are removable without tools and meet FDA Entrapment Guidelines.

Counter-rotating assist device and pivot assist bars:

- Move out of the way for lateral transfers.
- Pivot away from egress area.
- Provide toe clearance even in lowest position to prevent staff injury.
- Hand pendant mounts facing inward or outward and away from hand grab area.



**Counter-rotating Assist Device for Head End, pr.**  
ZA78400



**Fixed Assist Bar for Head End, ea.**  
ZA80300



**Pivoting Assist Bar for Head End, ea.**  
ZA90350



### Extension Kit

Transform your bed to 84" with this optional 4-inch sleep deck extension (includes mattress retainers).

ZA90000 35" width  
ZA90200 42" width



**Adjustable wall saver** positions (76"/ 80" or for use with a trapeze) provide the smallest footprint at each length, while protecting the wall

ZA90060 Standard Length  
ZA90070 Trendelenburg Length



**Edema Foot Ratchet** to elevate the foot end of the bed.

ZA90030



### Battery Backup

Provides the ability to perform bed functions in the event of power outage.

999-0831-003 Battery backup  
999-0711-002 Charger

### Trapeze Adapter

Trapeze adapter allows for easy attachment of trapeze system to headboard within easy reach for residents for repositioning themselves.



ZA90100 Trapeze adapter



ZA78100 Trapeze bar, chain, and triangle



**Underbed Light** for nighttime safety.  
ZA90010



**USB Power Supply** for cell phone chargers, tablets, etc.  
ZA90020



# Matrix 4000

## Common Configurations

35" sleep deck width, 4 locking casters  
35" sleep deck width, two-pedal locking system  
42" sleep deck width, two-pedal locking system

## Standard Functionality

MP49174  
MZ49174  
MZW49174

## Advanced Positioning

MAP49174  
MAZ49174  
MAW49174

## Specifications

Height Travel Range..... 8.95" to 27"  
Safe Work Load\* ..... 450 lbs.  
Mattress Deck Length..... 76"/80"  
Mattress Deck Width..... 35" or 42"  
Overall Bed Length 76"..... 82.5"  
80"..... 83.75"  
Overall Bed Width 35"..... 39" with assist bar  
40.75" with counter-rotating assist devices  
Overall Bed Width 42"..... 46" with assist bar  
47.75" with counter-rotating assist devices  
Maximum back angle..... 70°  
Maximum knee angle..... 25°



**Proudly Made in America**

## NEW Improved Warranty

- 15 years on frame
- 4 years on motors and control box
- 3 years on other electronics

The Matrix4000 bed and accessories are in full compliance with the FDA guidelines for reducing the risk of bed entrapment, "Hospital Bed System Dimensional and Assessment Guidance to Reduce Entrapment". Details can be found at: [www.fda.gov](http://www.fda.gov)

For more information on the Matrix4000 please visit us online at [www.grahamfield.com](http://www.grahamfield.com) or call Basic American today.

\* including resident, support surface, head/foot boards, and accessories.

### Highest Safety and Quality Standards:

Built to conform to ANSI/AAMI ES60601-1 3rd Edition, IEC60601-1 3rd Edition, IEC60601-2-52, CAN/CSA C22.2 No. 60601-1, and UL60601-1, the Matrix offers the following, ensuring the utmost resident and staff safety:

- **Bed approved as a transport device because beds pass the threshold clearance/impact testing at ALL heights**
- No pinch points within 200mm of bed perimeter
- Splash-proof electronics
- Load capacity and tip-stability tested and approved



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Information contained herein is subject to change.

The most current and complete product information can be found on our website

[www.grahamfield.com](http://www.grahamfield.com)

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GF1500075 RevA16