

Basic American Matrix 5100



- ★ **Smart Technology**
- ★ **Digital Electronics** enable 'plug and play' capability to add features at any time
 - USB Power Supply for cell phone charging
 - Underbed Light for resident safety
- ★ **Interchangeable Electronics**

Key Features:

- Energy-saving electronics consume up to 66% less power than electronics using a transformer
- Sealed ball bearings in the hi-lo joints provide maintenance-free continuous, silent operation
- **US Patent awarded design of high/low mechanism inside of the bottom of the mainframe tubes reduces the chance of fluids getting inside and harboring bacteria**
- **Roll in Low Only** feature for resident safety. Bed is at lowest position when moving or transporting residents. For added safety, bed is locked in place when raised to any height.
- Synchronized high-low motors keep the bed level for proper therapeutic positioning
- Industry-leading electronics ensure lower cost of ownership
- Tool-less assembly
- **SilverSolutions** within the powder-coating provides antimicrobial surface protection and deters the growth of stain and odor causing bacteria



High Position
Height Travel Range: 27"



Low Position
Height Travel Range: 8.95"



Chair Position



Trendelenburg Position



Reverse Trendelenburg

Advanced Positioning, including Chair and Trendelenburg/Reverse Trendelenburg

Safe Work Load: 450 lbs.

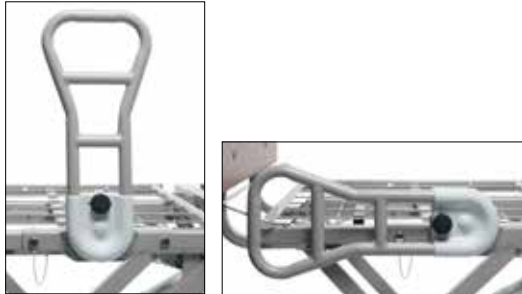
Specifications	
Overall Bed Length (with boards and wallsaver)	76" 82.7" 80" 83.9"
Sleep Deck Width	35"
Bed Width Including Boards	36"
Maximum Height (floor to top of mattress support deck)	27"
Minimum Height (floor to top of mattress support deck)	8.95"
Maximum Head / Back Deck Angle	68°
Maximum Knee / Foot Deck Angle	25°
Maximum Trendelenburg/Reverse Trendelenburg Angle (APS models)	13°
Maximum Safe Working Load WITH WEIGHT EVENLY DISTRIBUTED - includes bedding, resident / patient, support surface, and accessories	450 lb (204.1 kg)
Bed Mass (standard deck, without assist devices or boards)	157 lb (71.2kg)

Matrix5100 with Standard Functionality	
MG59174	76/80"L x 35W" grid deck, Roll-in-Low Only, locks to floor when raised
Matrix5100 with Advanced Positioning	
MAG59174	76/80"L x 35W" grid deck with advanced positioning, Roll-in-Low Only, locks to floor when raised

Optional Accessories



Counter-rotating Assist Device **ZA84200**
US Patent-awarded counter-rotating assist device



Pivot Assist Device **ZA90300**



Fixed Assist Device
ZA85000



Pin-on Wide Kit
ZA858000 39" extension
ZA851000 42" extension



Length Extension Kit
ZA90840 4" extension



Underbed Light clearly illuminates where the resident gets in and out of the bed **ZA90010**
USB Power Supply eliminates using a separate wall outlet for cell phone and tablet charging **ZA90020**



Battery Backup **999-0831-003**
Charger **999-0711-002**



Trapeze Adapter (mount)
ZA90100



Trapeze (bar, chain, triangle)
ZA78100



Board Mounted IV Socket
ZA19000



Embedded staff control with safety-inspired two-stage lockouts enables caregivers to lock-out individual features to the resident



Zenith/Matrix Bed Cart
ZA89900



Standard
999-0900-301SP



Advanced Positioning
999-0900-305SP



Advanced Positioning (chair and T/RT)
ZA831306

Warranty:

Main Frame and welds:..... Fifteen years
Control Box and Actuator Motors:..... Four years
Hand Control Pendant, Staff Control, and Cabling:.... Three years
Headboard and Footboard:..... One year
All other durable components not listed above: Two years



Information contained herein is subject to change.
The most current and complete product information can be found on our website.
www.grahamfield.com

