

Basic American Matrix 4100



- ★ **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**
- 35" or 42" sleep deck

- Intuitive 2-pedal locking system - centrally located, easily visible from a distance to ensure the bed is locked, and is accessible at all heights and widths – even the lowest position
- 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
- Certified for use as a transport device



High Position
Height Travel Range: 27"



Low Position
Height Travel Range: 8.95"

Safe Work Load: 450 lbs.



Chair Position



Trendelenburg Position



Reverse Trendelenburg

Advanced Positioning, including Chair and Trendelenburg/Reverse Trendelenburg

Specifications	35"	42"
Overall Bed Length (with boards and wallsaver)	76" 80"	81.2" 83.1"
Sleep Deck Width	35"	42"
Bed Width Including Boards	36"	42"
Maximum Height (floor to top of mattress support deck)	27"	27"
Minimum Height (floor to top of mattress support deck)	8.95"	8.95"
Maximum Head / Back Deck Angle	68°	68°
Maximum Knee / Foot Deck Angle	25°	25°
Maximum Trendelenburg / Reverse Trendelenburg Angle	12°	12°
Maximum Safe Working Load WITH WEIGHT EVENLY DISTRIBUTED - includes bedding, resident / patient, support surface, and accessories	450 lb (204.1 kg)	450 lb (204.1 kg)
Bed Mass (standard deck, without assist devices or boards)	150 lb (68.0 kg)	157 lb (71.2 kg)

Matrix4100 with Standard Functionality	
MZ49174	76/8"L x 35"W grid deck, intuitive 2-pedal locking mechanism
MP49174	76/80"L x 35"W grid deck, 4 locking and 4 non-locking casters
MZW49174	76/80"L x 42"W grid deck, intuitive 2-pedal locking mechanism
MX49174	76/80"L x 42"W grid deck, 4 locking and 4 non-locking casters
Matrix4100 with Advanced Positioning	
MAZ49174	76/80"L x 35"W grid deck with advanced positioning, intuitive 2-pedal locking mechanism
MAP49174	76/80"L x 35"W grid deck with advanced positioning, 4 locking and 4 non-locking casters
MAW49174	76/80"L x 42"W grid deck with advanced positioning, intuitive 2-pedal locking mechanism
MAX49174	76/80"L x 42"W grid deck with advanced positioning, 4 locking and 4 non-locking casters

Optional Accessories



Counter-rotating Assist Device **ZA78400**



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**



Pivot Assist Device **ZA90350**



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



Fixed Assist Device



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**



Length Extension Kit
ZA90000 4" extension, 35" deck
ZA90200 4" extension, 42" deck



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

