

# Vidir Bedlift

The Bedlift stores up to 5 hospital beds vertically in a footprint slightly larger than a single bed.



Safe Handling • Easy Access • Maximum Storage • Fast Retrieval • Small Footprint



## Bedlift

The Bedlift is a hospital bed storage system which can accommodate hospitals' auxiliary beds, beds in maintenance, and provide secure storage zones with a closer proximity to patient areas.

### The Need

- Aisle and corridor egress is the #1 cited issue in the Life Safety Code (LSC)
- The average building cost for a hospital is \$400+ per ft<sup>2</sup>
- Spare hospital beds are not readily accessible near patient areas
- At any given time 7 - 10% of all hospital beds are in maintenance for repairs.

### Value Added

- Reduces hallways 'clutter' to address NFPA 101 – Life Safety Code.
- Floor space savings of, on average, 60ft<sup>2</sup> per unit.
- Time savings in labour for transporting hospital beds.
- Secure and protect hospital beds



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## Cost Savings

There are a number of factors that can be used to determine savings for the Bedlift. The cost of the space, offsite storage costs, hospital bed rental costs, and the cost of paying an employee to transfer beds around a hospital.

Rental and offsite storage costs will vary based on demographics but starting numbers for bed rentals are \$110 - \$138 per day with a minimum term of 5 days. Rentals are reported to last as long as 3 months.

## Hospital Building Costs

A single hospital bed occupies approximately  $8.5' \times 3.5' = 28 \text{ ft}^2$  of floor space. The footprint of the Bedlift is approximately  $8.4' \times 4.5' = 38 \text{ ft}^2$  depending on the Bedlift model. The cost of new hospital construction is \$400.00 per  $\text{ft}^2$

- 2 Capacity – floor space savings of  $18 \text{ ft}^2$  / \$7,200
- 3 Capacity – floor space savings of  $46 \text{ ft}^2$  / \$18,400
- 4 Capacity – floor space savings of  $74 \text{ ft}^2$  / \$29,600
- 5 Capacity – floor space savings of  $102 \text{ ft}^2$  / \$40,800



*(6) ST527-45R occupy  $228 \text{ ft}^2$  with a capacity for 30 hospital beds. The space required for the same amount of hospital beds without the Bedlifts would be  $840 \text{ ft}^2$*

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**Before | After**



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## Bedlift Specifications

Model	Height	Width	Depth	Positions	Bed Height	Bed Width	Bed Length	Bed Weight	Load Position
ST327-45R	8' 0"	4' 6"	10' 0"	3	26"	44.5"	95"	600 lbs.	Front
ST427-45R	10' 3"	4' 6"	10' 0"	4	26"	44.5"	95"	600 lbs.	Front
ST527-45R	12' 6"	4' 6"	10' 0"	5	26"	44.5"	95"	600 lbs.	Front
ST233-45X	7' 3"	4' 6"	9' 2"	2	32"	44.5"	95"	900 lbs.	Front
ST333-45X	9' 6"	4' 6"	10' 0"	3	32"	44.5"	95"	900 lbs.	Front
ST433-45X	12' 3"	4' 6"	10' 0"	4	32"	44.5"	95"	900 lbs.	Front
ST327-96S	8' 1"	8' 9"	4' 7"	3	26"	44.5"	95"	600 lbs.	Side Load
ST427-96S	10' 4"	8' 9"	4' 7"	4	26"	44.5"	95"	600 lbs.	Side Load
ST327-32N	8' 0"	3' 4"	10' 0"	3	26"	31.5"	95"	600 lbs.	Front
ST427-32N	10' 3"	3' 4"	10' 0"	4	26"	31.5"	95"	600 lbs.	Front
ST527-32N	12' 6"	3' 4"	10' 0"	5	26"	31.5"	95"	600 lbs.	Front
ST240-40C	8' 0"	4' 0"	6' 9"	2	39"	39"	75"	600 lbs.	Front
ST340-40C	11' 3"	4' 0"	6' 9"	3	39"	39"	75"	600 lbs.	Front

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## Bedlift<sub>R</sub>

### ST327-45R · ST427-45R · ST527-45R

- Designed for beds up to 600 lbs.
- Accommodates beds 95" x 44.5" x 26"
- Electrical Specifications:
  - ST327-45R -110V – 110V, 1PH, 15 Amp
  - ST327-45R-220V – 220V, 1PH, 10 Amp
  - ST427-45R – 220V, 1PH, 15 Amp
  - ST527-45R – 220V, 1PH, 15 Amp
- Lift Speed: max. 11.7 seconds per position
- cCSAus / CE mark
- OSHPD certified



#### ST327-45R

- Exterior Dimensions
  - Height – 8' 0"
  - Width – 4' 6"
  - Depth – 10' 0"
- Positions: 3
- 110V Motor: 1 x 1HP
- 220V Motor: 1 x 1-1/2HP
- Weight: 1,345 lbs.

#### ST427-45R

- Exterior Dimensions
  - Height – 10' 3"
  - Width – 4' 6"
  - Depth – 10' 0"
- Positions: 4
- Motor: 1 x 1-1/2HP
- Weight: 1,649 lbs.

#### ST527-45R

- Exterior Dimensions
  - Height – 12' 6"
  - Width – 4' 6"
  - Depth – 10' 0"
- Positions: 5
- Motor: 1 x 1-1/2HP
- Weight: 2,049 lbs.

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## Bedlift<sub>x</sub>

### ST233-45X · ST333-45X · ST433-45X

- Designed for beds up to 900 lbs.
- Accommodates beds 95" x 44.5" x 32"
- Electrical Specifications:
  - ST233-45X -110V – 110V, 1PH, 15 Amp
  - ST233-45X-220V – 220V, 1PH, 10 Amp
  - ST333-45X – 220V, 1PH, 15 Amp
  - ST433-45X – 220V, 1Ph, 15 Amp
- cCSAus / CE mark
- OSHPD certified



#### ST233-45X

- Exterior Dimensions
  - Height – 7' 3"
  - Width – 4' 6"
  - Depth – 9' 2"
- Positions: 2
- 110V Motor: 1 x 1HP
- 220V Motor: 1 x 1-1/2HP
- Weight: 1,219 lbs.

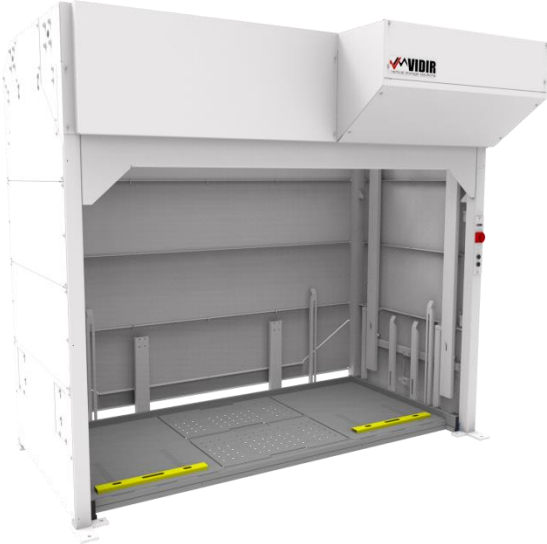
#### ST333-45X

- Exterior Dimensions
  - Height – 9' 6"
  - Width – 4' 6"
  - Depth – 10' 0"
- Positions: 3
- Motor: 1 x 1-1/2HP
- Weight: 1,550 lbs.

#### ST433-45X

- Exterior Dimensions
  - Height – 12' 3"
  - Width – 4' 6"
  - Depth – 10' 0"
- Positions: 4
- Motor: 1 x 1-1/2HP
- Weight: 1,935 lbs.

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## Bedlift<sub>s</sub>

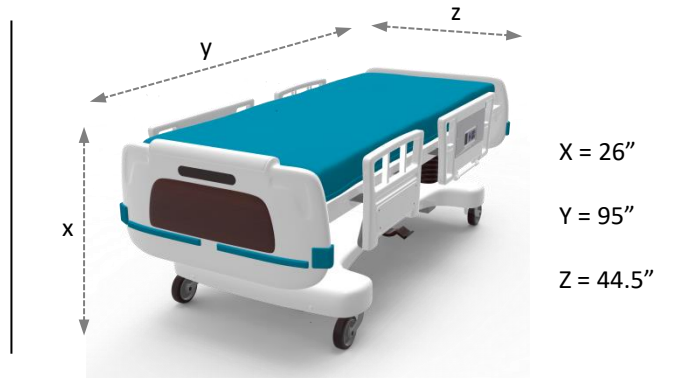
### ST327-96S · ST427-96S

- Designed for beds up to 600 lbs.
- Accommodates beds 95" x 44.5" x 26"
- Electrical Specifications:
  - ST327-96S-110V – 110V, 1PH, 15 Amp
  - ST327-96S-220V – 220V, 1PH, 10 Amp
  - ST427-96S – 220V, 1PH, 15 Amp
- Lifting Speed: max. 11.7 seconds per position
- Includes Platform Inserts
- cCSAus mark



### ST327-96S

- Exterior Dimensions
  - Height – 8' 1"
  - Width – 8' 9"
  - Base Depth – 4' 7"
  - Top Depth – 5' 8"
- Positions: 3
- 110V Motor: 1 x 1HP
- 220V Motor: 1 x 1-1/2HP
- Weight: 1,416 lbs.



### ST427-96S

- Exterior Dimensions
  - Height – 10' 4"
  - Width – 8' 9"
  - Base Depth – 4' 7"
  - Top Depth – 5' 8"
- Positions: 4
- Motor: 1 x 1-1/2HP
- Weight: 1,743 lbs.

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## Bedlift<sub>N</sub>

**ST327-32N · ST427-32N · ST527-32N**

- Designed for stretchers up to 600 lbs.
- Accommodates stretchers 95" x 31.5" x 26"
- Electrical Specifications:
  - ST327-32N-110V – 110V, 1PH, 15 Amp
  - ST327-32N-220V – 220V, 1PH, 10 Amp
  - ST427-32N – 220V, 1PH, 15 Amp
  - ST527-32N – 220V, 1PH, 15 Amp
- Lifting Speed: max. 11.7 seconds per position
- cCSAus mark



Model	Height	Width	Depth	Positions	Motor	Weight
ST327-32N-110V	8' 0"	3' 4"	10' 0"	3	1 HP	1,271 lbs
ST327-32N-220V	8' 0"	3' 4"	10' 0"	3	1-1/2 HP	1,271 lbs
ST427-32N	10' 3"	3' 4"	10' 0"	4	1-1/2 HP	1,582 lbs
ST527-32N	12' 6"	3' 4"	10' 0"	5	1-1/2 HP	1,828 lbs

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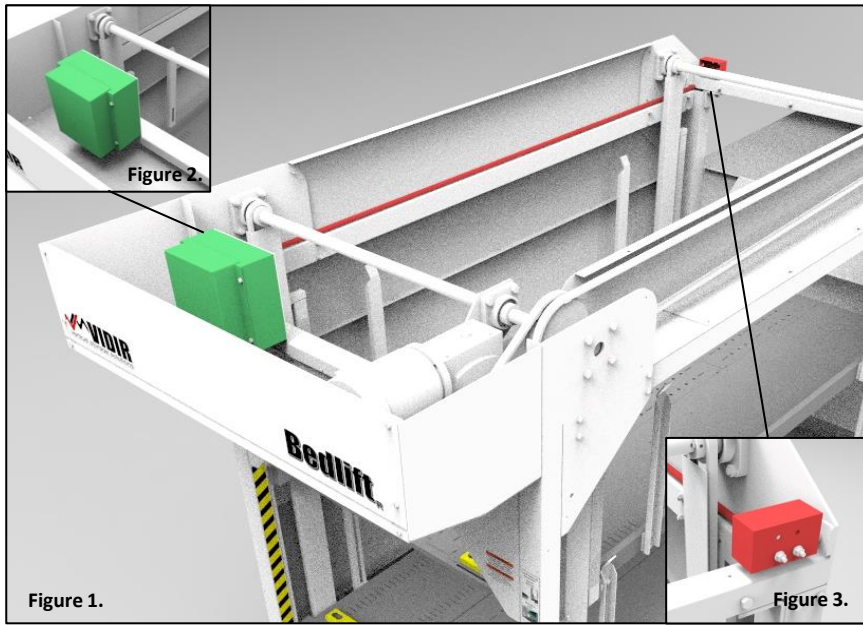
## Criblift<sub>C</sub>

### ST240-40C · ST340-40C

- Designed for hospital cribs up to 600 lbs.
- Accommodates cribs 75" x 39" x 39"
- Electrical Specifications:
  - ST240C-40C-110V – 110V, 1PH, 15 Amp
  - ST240C-40C-220V – 220V, 1PH, 10 Amp
  - ST340-40C – 220V, 1PH, 15 Amp
- cCSAus mark

Model	Height	Width	Depth	Positions	Motor	Weight
ST240-40C-110V	8' 0"	4' 0"	6' 9"	2	1 HP	1,156 lbs
ST240-40C-220V	8' 0"	4' 0"	6' 9"	2	1-1/2 HP	1,156 lbs
ST340-40C	11' 3"	4' 0"	6' 9"	3	1-1/2 HP	1,519 lbs

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## Electrical Specs (cont.)

- There are two junction boxes per Bedlift to allow for electrical drops from the ceiling or rear wall, one in the front as per Figure 2. and one in the back as per Figure 3.
- Each Bedlift should have a dedicated circuit and outlet which meets the electrical specifications outlined in Figure 4. and Figure 5. (includes a dedicated ground wire to the distribution source)
  - The electrician can hardwire the units on-site in lieu of providing a dedicated outlet.
- Each Bedlift is supplied with a 4' (1.2m) electrical cord. Additional lengths available upon request.
- The dedicated outlet should be located within 4' of the junction box
- Power supply cords must NOT run through walls, ceilings, floors, and similar openings in the building structure.

### 110/120V, 1Ph, 15 Amp

Available with: ST233-45X, ST327-45R, ST327-96S, ST327-32N and ST240-40C

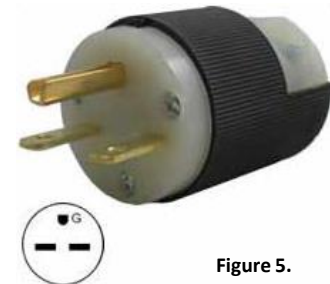
- 110 VAC
- 15 Amp
- 60 Hz
- NEMA 5-15



### 220/240V, 1Ph, 15 Amp

Available with all units:

- 220 VAC
- 15 Amp
- 60 Hz
- NEMA 6-15



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