

## The effect of lift motors and rail types on lifting height

This table shows the effect the choice of lift motors and rail types has on the lifting height in two different situations:

1. Moving a patient to and from a bed
2. Moving a patient to and from a wheelchair

Conditions are described in detail below.

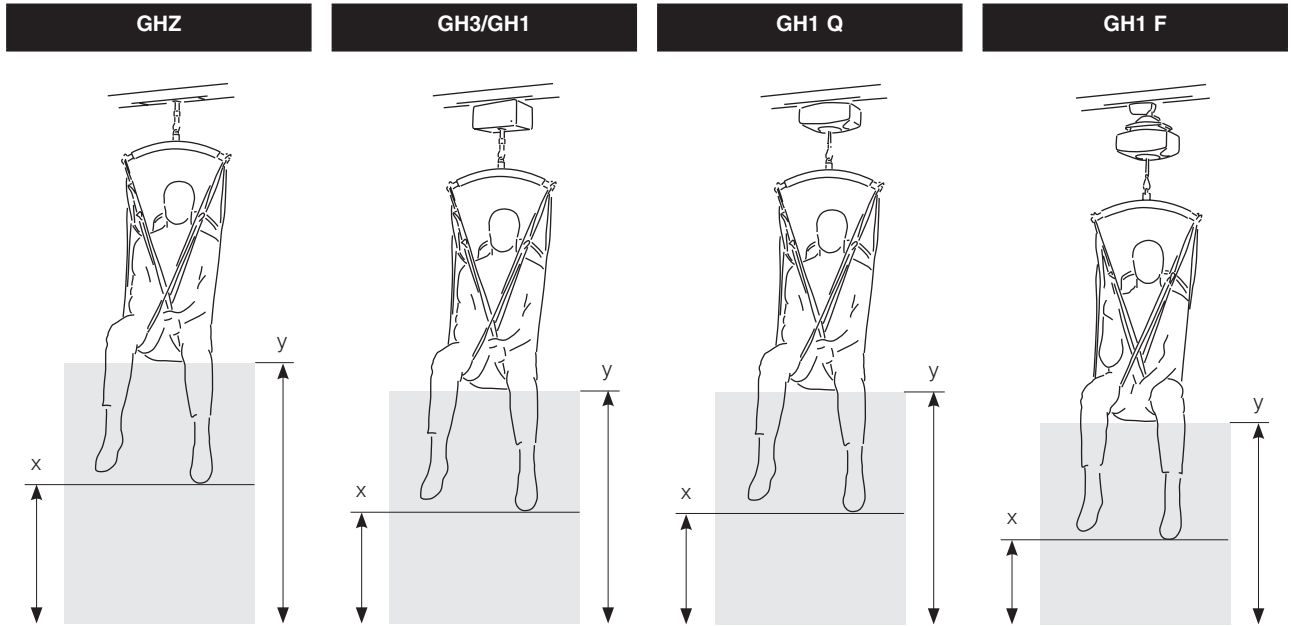
	Rails	Room height 88"		Room height 94"		Room height 98"		Room height > 117"	
		Bed (x)	Wheelchair (y)	Bed (x)	Wheelchair (y)	Bed (x)	Wheelchair (y)	Bed (x)	Wheelchair (y)
GH3/GH1	A-Rail	- 4"	+ 10"	+ 2"	+ 15.5"	+ 6"	+ 19.5"	+ 26"	+ 39.5"
	B-Rail	- 6.5"	+ 7"	- 0.5"	+ 13"	+ 3.5"	+ 17"	+ 23"	+ 36.5"
	C-Rail	- 8.5"	+ 5"	- 2.5"	+ 11"	+ 1.5"	+ 15"	+ 21.5"	+ 34.5"
GH1 Q	A-Rail	- 4.5"	+ 9.5"	+ 1.5"	+ 15.5"	+ 5.5"	+ 19.5"	+ 25"	+ 39"
	B-Rail	- 7"	+ 6.5"	- 1.5"	+ 12.5"	+ 10.5"	+ 16.5"	+ 30"	+ 36"
	C-Rail	- 8.5"	+ 5"	- 3"	+ 10.5"	+ 8.5"	+ 14.5"	+ 28"	+ 34"
GH1 F	A-Rail	- 10"	+ 3.5"	- 4.5"	+ 9.5"	- 0.5"	+ 13.5"	+ 19"	+ 33"
	B-Rail	- 13"	+ 1"	- 7"	+ 7"	- 3"	+ 10.5"	+ 16.5"	+ 30"
	C-Rail	- 15"	- 1.5"	- 9"	+ 5"	- 5"	+ 9"	+ 14.5"	+ 28"
GHZ	GHZ-Rail	- 0	- 13"	+ 5.5"	+ 18"	+ 9.5"	+ 22.5"	+ 29"	+ 42"

**The fields in the table are either red or green**

- The measurements in the Red fields show the amount of insufficient lifting height when using the referenced motor and rail, under the conditions listed below.
- The measurements in the Green fields show the amount of sufficient lifting height when using the referenced motor and rail, under the conditions listed below.

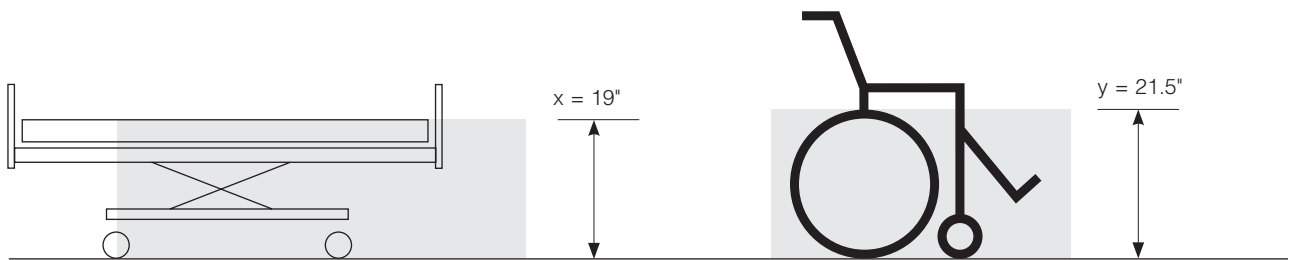
### Conditions

- Person Height, 5' 8"
- Sling Basic Basic size, Medium
- Bed GB4, distance from floor to top of mattress is 19"
- Wheelchair Distance from floor to top of seat is 21.5"



**Bed**

**Wheelchair**



**| Time to care |**

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