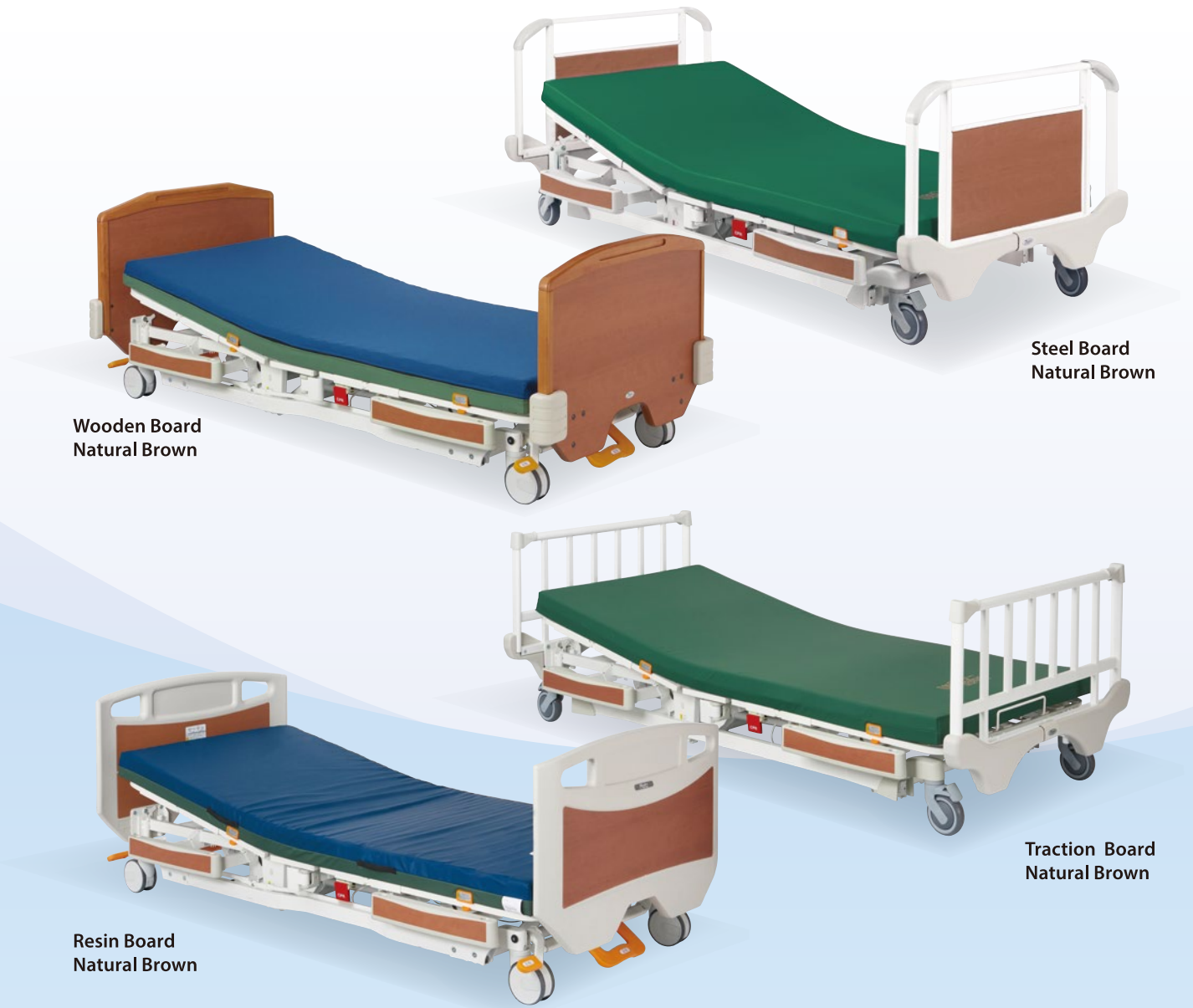


In Pursuit of Relaxing Comfort and Alleviating
 Shear Force when Lifting the Back



Wooden Board
 Natural Brown

Steel Board
 Natural Brown

Resin Board
 Natural Brown

Traction Board
 Natural Brown

Function

3 Motors Positioning Bed



HIGH BACK
20°

BACK RAISING
60°

BACK & KNEE
60°/30°

KNEE RAISING
30°

HEIGHT
ADJUSTABLE



3 Motors Basic Bed



BACK RAISING
70°

BACK & KNEE
70°/30°

KNEE RAISING
30°

HEIGHT
ADJUSTABLE



Positioning Bed

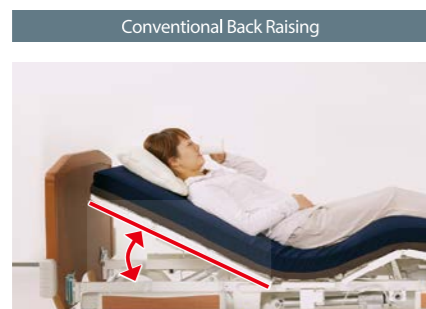
The Japanese Society of Pressure Ulcers defines positioning as utilizing cushions and other devices to position the body of a physically challenged person to safely accomplish tasks that need to be completed. Positioning Bed incorporates the High Back Support Function and Fitting Function at the knees to alleviate shear pressure when lifting the back and provide relaxing comfort. This new medical bed improves posture and improves providing the user with treatment.



Expected Results of Using the Positioning Bed

Reduced Risk of Aspiration

Adjusting the angle of the neck when the back is lifted and reducing abdominal pressure helps with swallowing. This helps with dysphagia rehabilitation and reduces the risk of aspiration.



Back Raising 30°



High Back 20° & Low Back 30°



Back Raising 45°



High Back 20° & Low Back 45°

Posture to Improve Respiration

Improving posture by spreading the diaphragm and reducing back and abdominal pressure helps with respiration. Curving the upper section of the trunk also reduces force on circulatory organs.



Positioning Bed Supports a Wide Range of Users from Those with Kyphosis to Pregnant Women

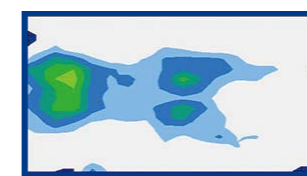
Controlling the angle of the high back support provided to the bending section of the vertebrae in users with kyphosis helps improve their positioning when the back is lifted.

This alleviates shear force when lifting the back and provides comfort to those who have a reduced range of motion in their hips, have trouble lifting their backs, or are pregnant and cannot place pressure on their abdomen.

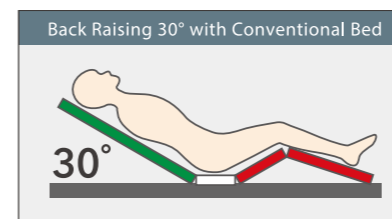
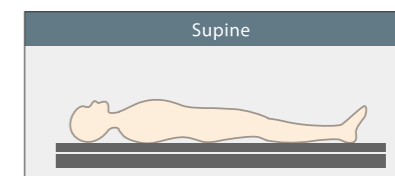
Reduce Risk of Bedsores

Compared to conventional back lifting mechanisms, the High Back Support Function reduces pressure and force on the body. This also helps with positioning for bed sore treatments.

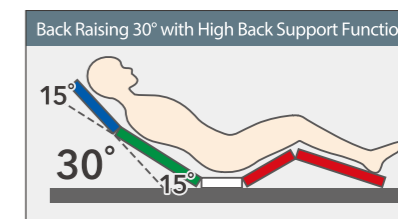
Back Raising 30°



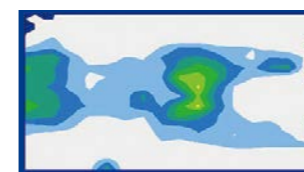
Sacrum Pressure
43mmHg



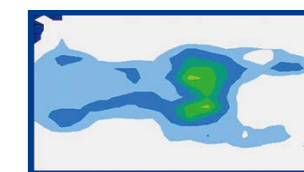
Sacrum Pressure
63mmHg > Sacrum Pressure
55mmHg



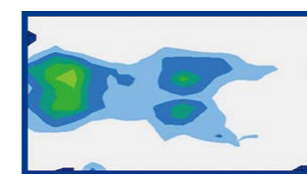
Reduced by 13%



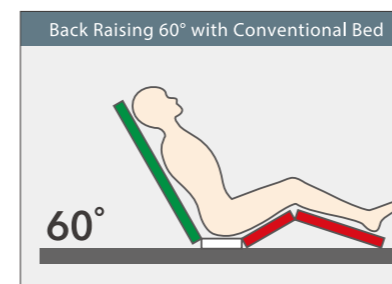
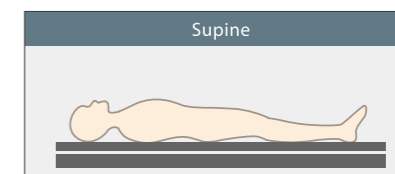
Reduces pressure on the sacrum by 13% compared to back raising 30° with conventional bed



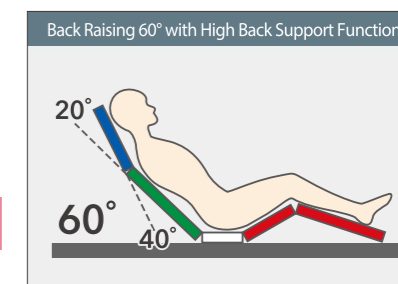
Back Raising 60°



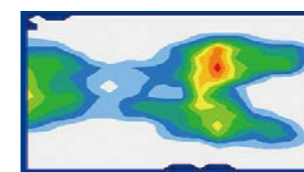
Sacrum Pressure
43mmHg



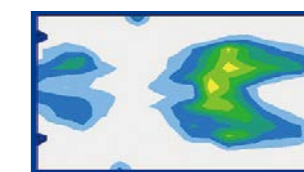
Sacrum Pressure
97mmHg > Sacrum Pressure
67mmHg



Reduced by 31%

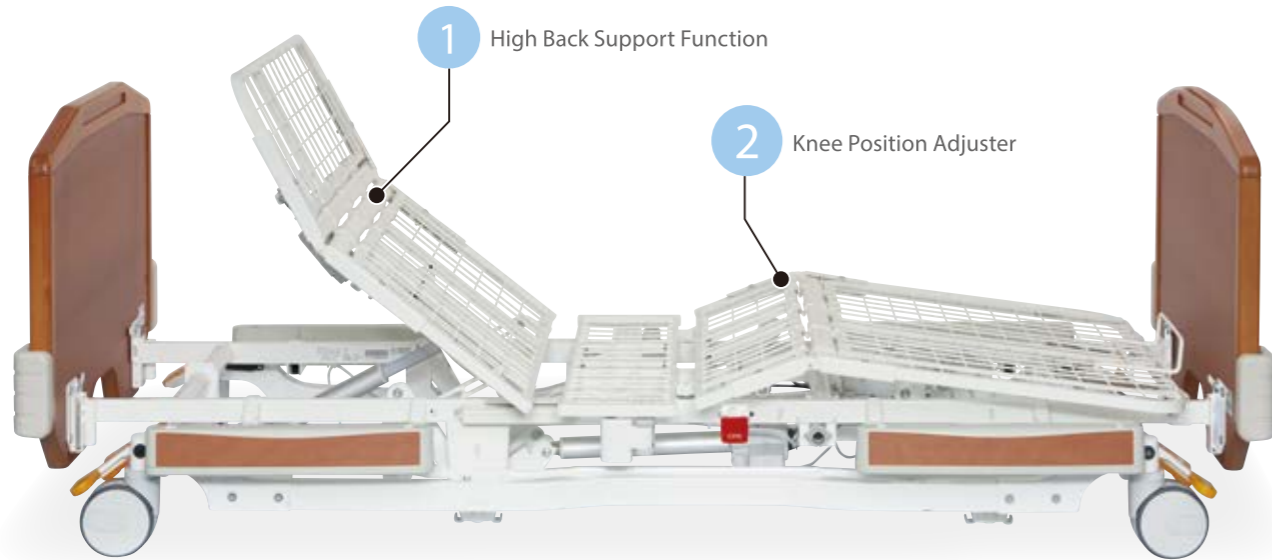


Reduces pressure on the sacrum by 31% compared to back raising 60° with conventional bed



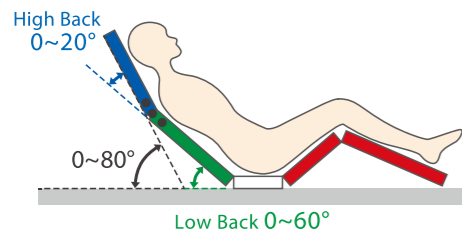
Test Subject: 165cm, 60kg, Male Testing Equipment: FSA(VERG Inc., Canada) Using Amical Support Mattress
* Example data. Individual results may vary

New Back Lifting to Reduce Risk of Aspiration and Alleviate Shear Force Positioning Bed Series



1 High Back Support Function

Separating the high back (head to middle back) and low back gives the user the ability to adjust the angle of each section with a motor

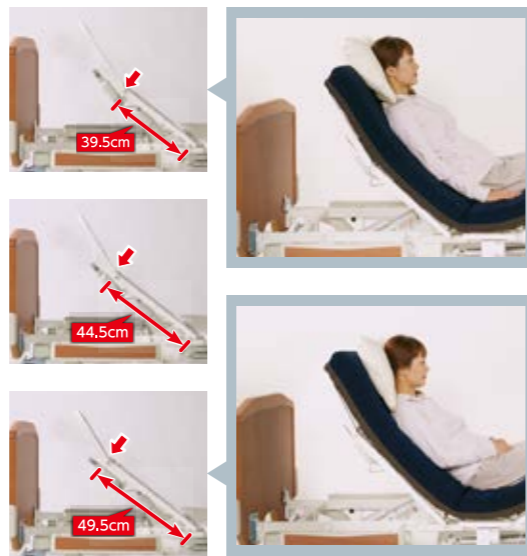


Conventional Back Raising
(Back Raising 45°)

When Using High Back Support Function
(High Back 20° & Low Back 45°)



There are Three Settings to Control the Bend of the High Back Support



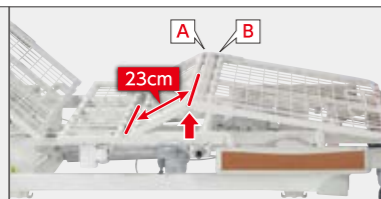
2 Knee position adjuster to reduce slippage during reclining

Easily adjustable just by pulling off and sliding the pin



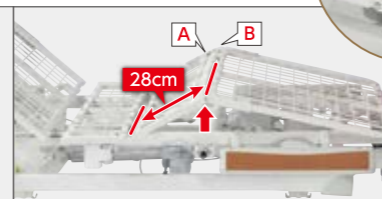
For users under 175cm tall

Set to Position A



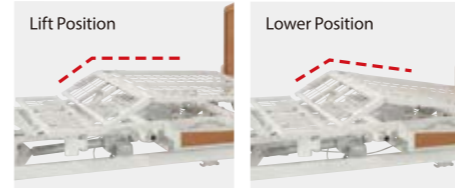
For users over 175cm tall

Set to Position B

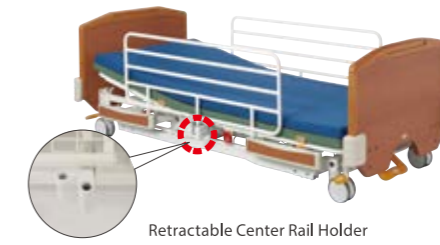


Positioning Bed Series' Convenient Functions

Swollen reduction by foot lifting function



Insert Side Rail in the Center



Selectable Caster
Central Loking / Four Loking



Using German Tente-Rollen GmbH Casters

Control Lock Function



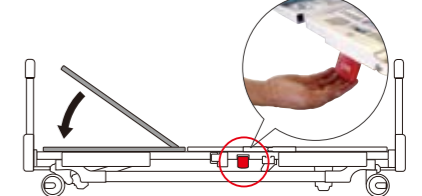
Turn the key on the lock button on the control switch to prevent controlling the bed

The Control Switch
Can be Connected on Both Sides



The control switch can even be connected to both sides simultaneously
* Comes standard with one control switch

CPR Function



Back bottom can be lowered manually in emergency.

Urine Bag Hook



Attach a urine bag to the hook
The hook can be attached to the side rail or the side rail holder

Side Rail Storage Holder



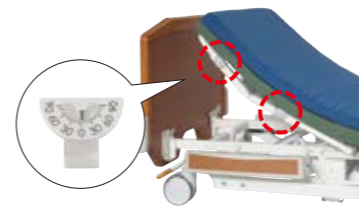
The side rail storage holder is located at the footboard

IV Pole Holder



There are four IV pole holders on both sides of the head and foot

Angle Meter



Attach the angle meter to the bottom area and confirm the angle as the user is lifting their back

Chargeable Battery



An optional battery unit is available to power the bed during a power outage or for locations with no electricity
The battery must be charged

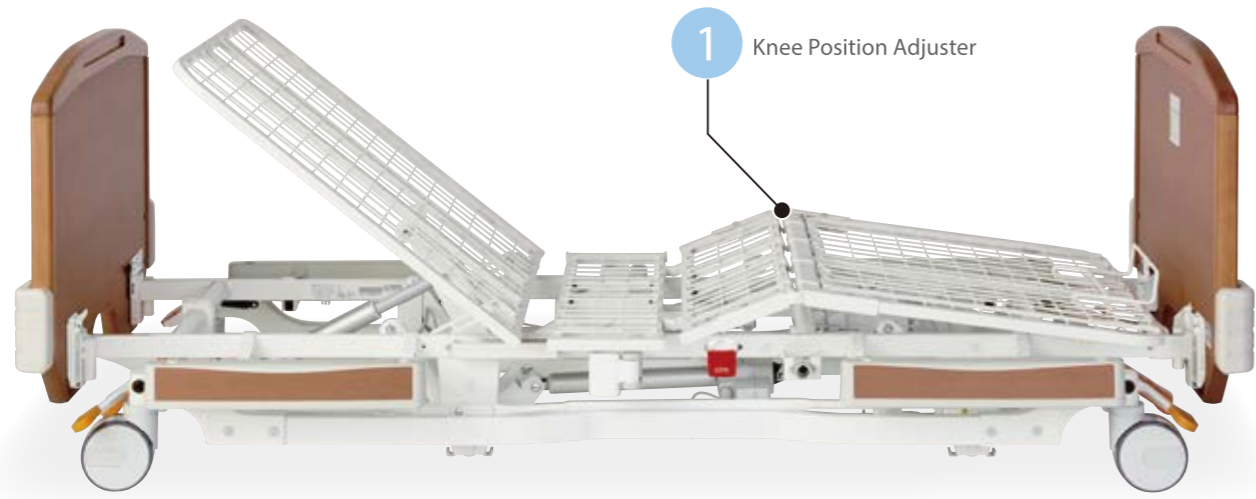
Equipped with Highly-Functional Motor from LINAK in Denmark



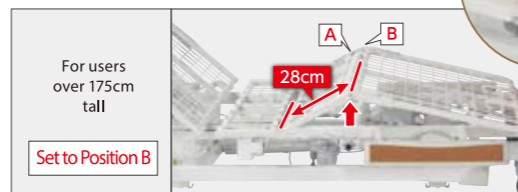
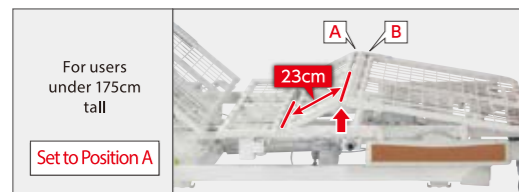
P300 series' motor is quiet and water resistant (IPX4)
* IPX4 is water resistant from water splashes from any direction

Features

Reduce Slippage During Reclining Basic Bed Series



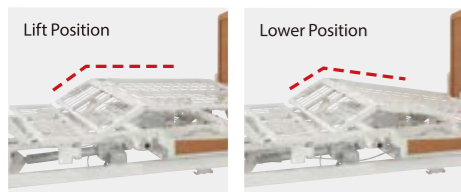
1 Knee position adjuster to reduce slippage during reclining



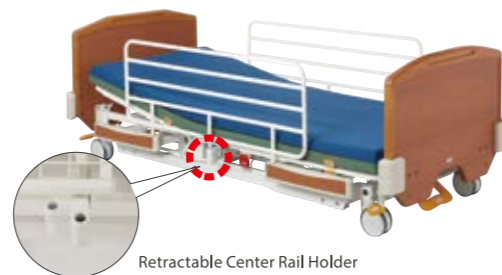
Easily adjustable just by pulling off and sliding the pin

Basic Bed Series' Convenient Functions

Swollen reduction by foot lifting function



Insert Side Rail in the Center



Selectable Caster
Central Loking / Four Loking



Using German Tente-Rollen GmbH Casters

Control Lock Function



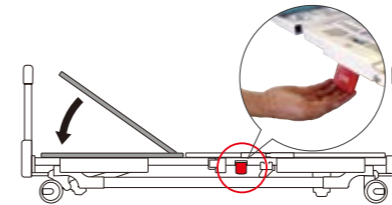
Turn the key on the lock button on the control switch to prevent controlling the bed

The Control Switch
Can be Connected on Both Sides



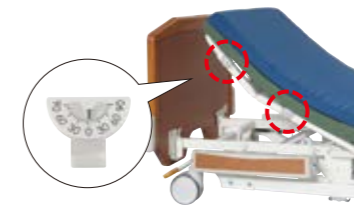
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The hook can be attached to the side rail or the side rail holder

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An optional battery unit is available to power the bed during a power outage or for locations with no electricity
The battery must be charged

Equipped with Highly-Functional
Motor from LINAK in Denmark



P300 series' motor is quiet and water resistant (IPX4)*
* IPX4 is water resistant from water splashes from any direction



Wooden Borad
Dark Brown

Steel Borad
Dark Brown

Resin Borad
Dark Brown

Traction Borad
Dark Brown

Specifications

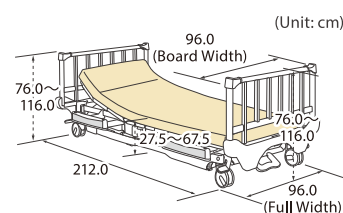
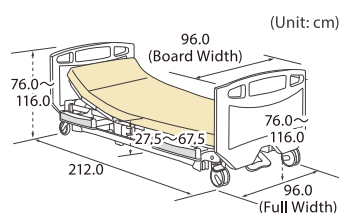
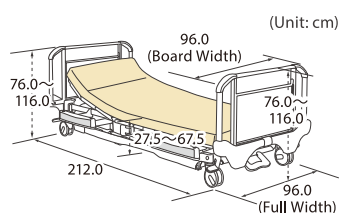
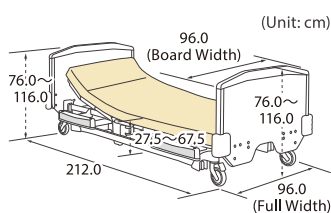
3 Motors Positioning Bed , 3 Motors Basic Bed

Wooden Borad

Steel Borad

Resin Borad

Traction Borad



* 10cm or over space at leg side and 1cm or over space at head side is necessary because the bed is moving up and down in arc.
 * Space between floor and base frame of 4-caster-lock type is 6.0 cm, and central lock type, 7.0 cm.

		3 Motors Positioning Bed		3 Motors Basic Bed	
		Central Locking Caster	Four Locking Caster	Central Locking Caster	Four Locking Caster
Suitable Mattress Size		Length: 190.0 - 192.0cm Width: 83.0cm			
Weight	Wooden Board	112.0kg	103.0kg	108.5kg	99.5kg
	Steel Board	110.5kg	101.5kg	107.0kg	98.0kg
	Resin Board	107.0kg	98.0kg	103.5kg	94.5kg
	Traction Board	110.0kg	101.0kg	106.5kg	97.5kg
Packing		4			
Material		Frame: Steel, ABS Head & Footboard: (Wooden Borad)Decorative Paper Board, Urethane Resin Coated Natural Wood (Steel Borad)Steel, Decorative Paneled Fiberboard (Resin Borad)PE (Traction Borad)Steel			
Angle Adjustment	High Back Angle	0 - 20°		-	
	Back Angle	0 - 60°		0 - 70°	
	Knee Angle	0 - 30°		0 - 30°	
Bottom Height		27.5- 67.5cm			
Voltage (Electricity Type)	Type-A	100VAC			
	Type-B	230VAC			
Power Consumption		90W			
Motor		Denmark LINAK			
Maximum Load Capacity for User's Weight		215kg / Safe load capacity: 250kg			
Country of Manufacture		Vietnam			

Optional Parts



PE08-BA19
 Chargeable Battery for P300 Series
 Size:13.5x10.6x6.8cm
 Weight:1.5kg
 Country of Manufacture:Denmark



PE03-T1
 IV Pole
 Size:103.0~183.0cm
 Weight:0.9kg
 Country of Manufacture:Japan



PE05-T1
 IV Pole Holder
 Size:3.0x8.1x31.1~33.5cm
 Weight:0.9kg
 Country of Manufacture:Vietnam

