

Ardel Positioning Bed

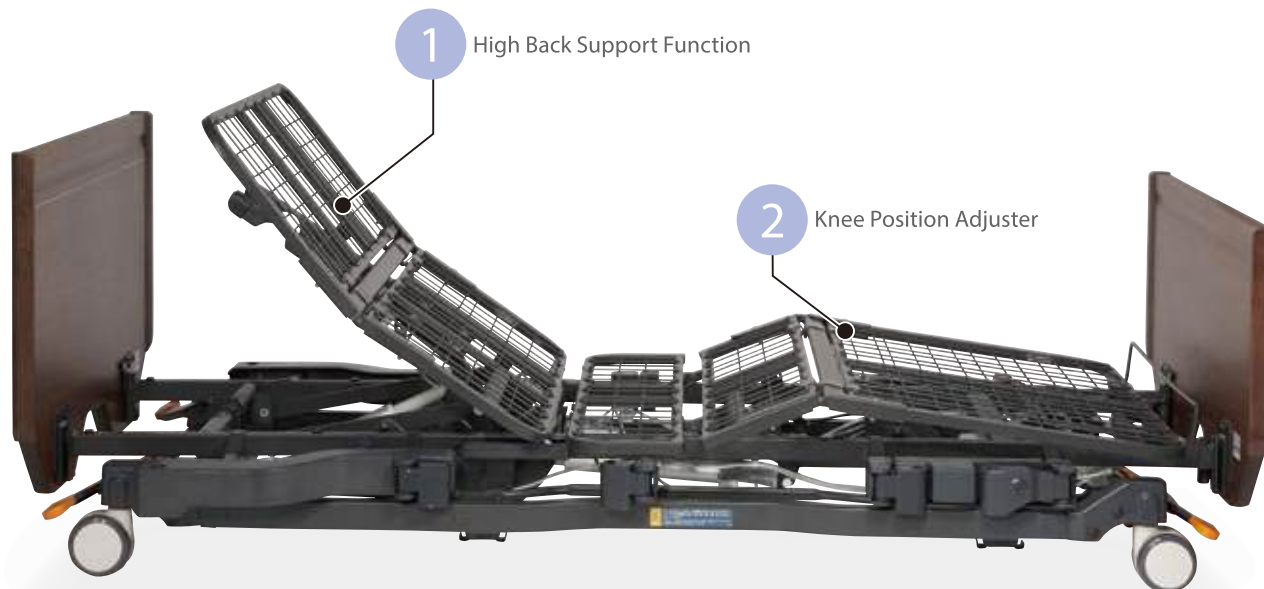
アーデル

with High Back Support



P400 series

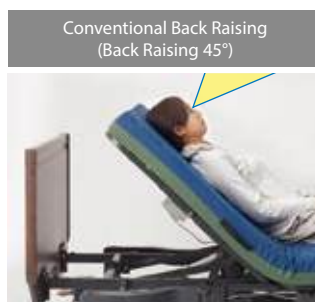
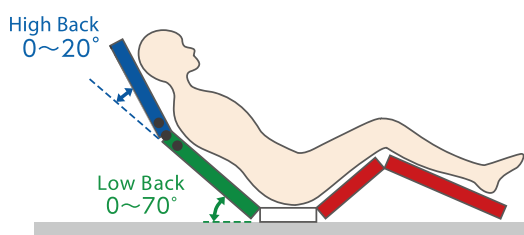
The Ardel Positioning Bed features an unique **High Back Support** and **Knee Fitting** functions to reduce shear pressure during back elevation, ensuring a comfortable and relaxing experience. This innovative care facility bed enhances posture and makes it easy for nursing care.



Innovative **High Back Support** reduces risk of aspiration and alleviates shear force

1 High Back Support Function

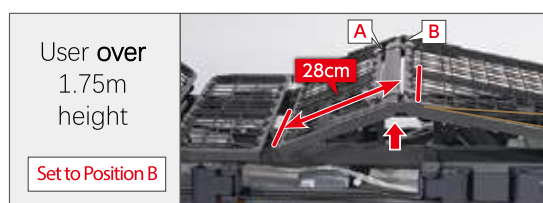
Separating the High Back (head to middle back) and Low Back gives user the ability to adjust the angle of each section as the user lifts their back



2 Knee Position Adjustment

Reduces slippage when reclining bed

Easy to adjust by pulling off and sliding the pin



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.

Conventional Back Raising



Low Back Raie 45°
Viewing angle at the ceiling

When Using High Back Support Function



High Back 20° & Low Back 50°
Viewing angle at the person

Posture to Improve Respiration

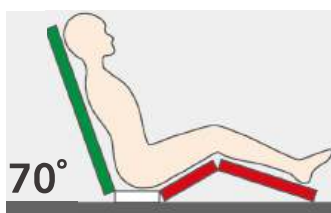
Improving posture by spreading the diaphragm and reducing back and abdominal pressure helps with respiration. Curving the upper section of the trunk also reduces force on circulatory organs.

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

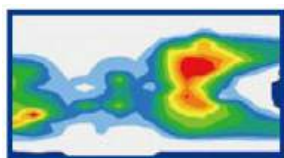
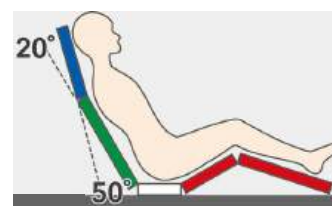
Controlling the angle of the high back support helps improve their positioning when the back is lifted. This alleviates shear force when lifting the back and provides comfort.

Reduce Risk of Bedsores

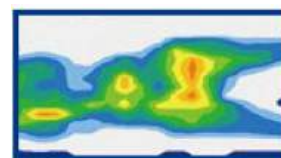
Compared to conventional back lifting mechanisms, the High Back Support Function reduces pressure and force on the body. This also helps with positioning for bedsore treatments.



Maximum pressure
118 mmHg > Maximum pressure
85mmHg
Reduced by 28%



Reduces pressure on the sacrum by 28%
compared to back raising 70° with
conventional bed



Handheld Controller



Handheld Controller with lock screw can be comfortably gripped with minimal effort.



BACK & KNEE
70° / 22°



HIGH BACK
20°



LOW BACK
70°



KNEE RAISE
22°



HI-LO
25-63 cm

Back/Knee Interlocking Motion Reduces Abdominal Pressure & Shear Force

Find your ideal reclining position with the press of a button to control the angles of the low back, high back, and knees. This reduces pressure on the abdomen and alleviates shear force.

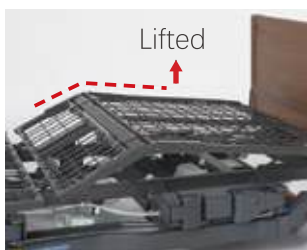


At the press of the interlock button, the head and knees are raised concurrently.

It pauses when high back at 20°, low back at 50°. Raising the low back further will straighten the high back.

Functions

Swollen reduction by foot lifting function



Retractable Side Rail Holder does not interfere with Patient Transfer



The retractable side rail holder allows wheelchair to be placed close to the bed so that the patient can easily transfer from the bed to the wheelchair

Central Lock from 6 locations (3 front, 3 rear)



Side Rail Storage Holder

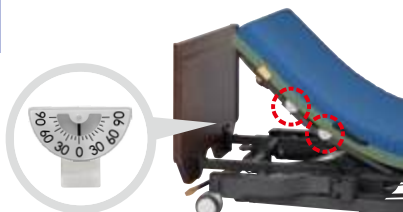


IV Pole Holder



Accessories

90° Angle Meter (Optional)



Attach angle meter to the bed frame to determine angle of inclination.

Chargeable Battery (Optional)



Optional backup battery to power up the bed during power outage.

Meal Table (Optional)



Over bed ABS meal table can be placed comfortably over side rails to maintain eating posture.

IV Pole 2-hook (Optional)



Height adjustable IV pole can be slotted into any well with load capacity of 1kg on each hook.

Overbed Table (Optional)



Medium Brown (MB)

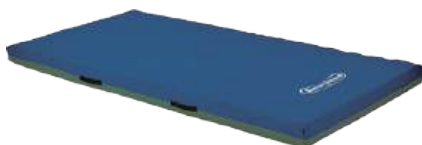
Light Brown (LB)

White (WH)

Stable overbed table with adjustable height for meals and medication.

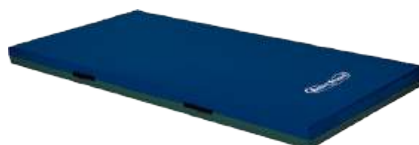
Mattress

Ventilation Mattress Amical PM11-9009 L1910 x W900 x H90 mm



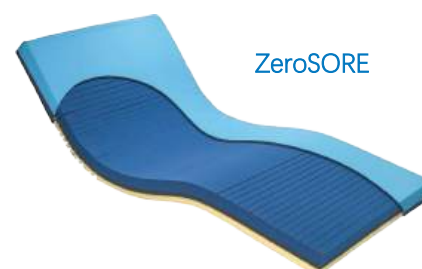
This high-grade urethane foam mattress excels in dispersing body pressure and features a flexible nature that fits the bed frame's reclining mechanism. It is covered with a polyester outer layer, creating a breathable and comfortable material.

Waterproof Mattress Amical PM12-9009 L1910 x W900 x H90 mm



This premium urethane foam mattress is designed to effectively distribute body pressure and adapt to the bed frame's reclining mechanism. It features a polyurethane laminate and polyester cover, providing a waterproof surface.

Pressure Relief Mattress Acoone PM22-A9010 L1910 x W900 x H100 mm

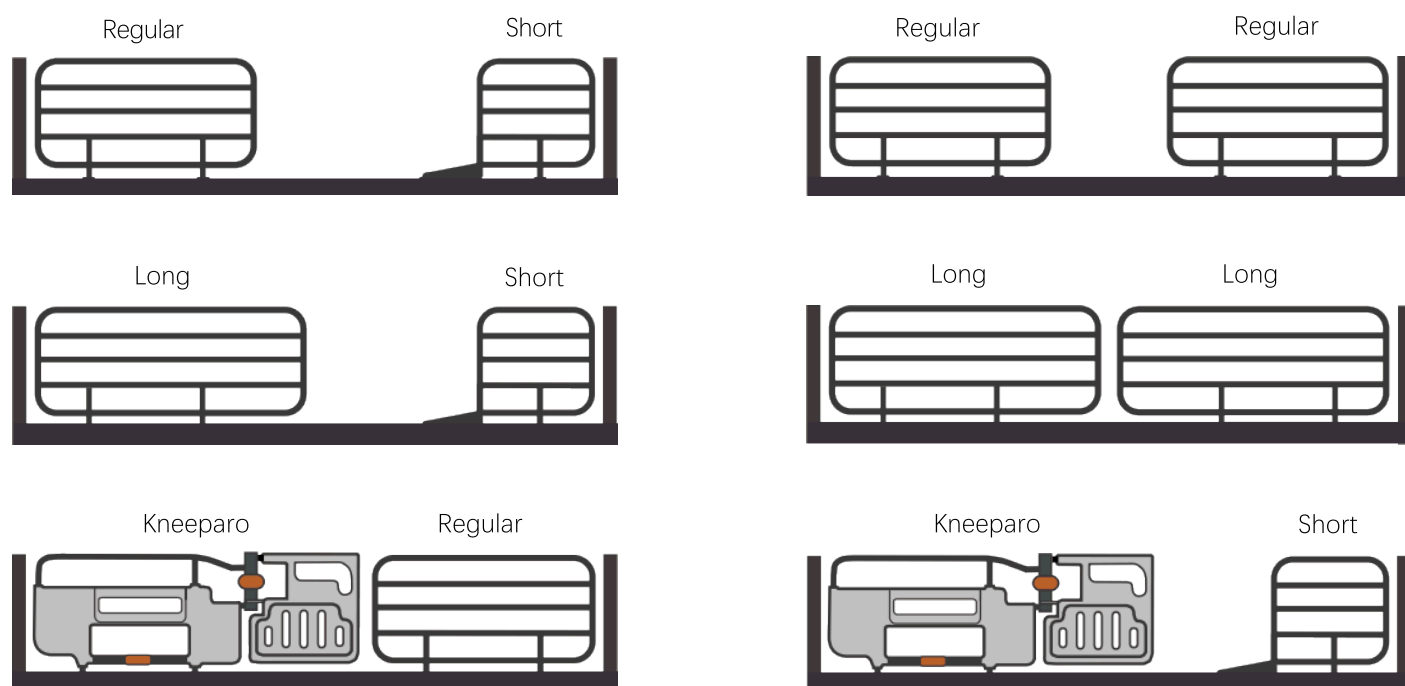


The accordion design of this urethane foam mattress absorbs movement, reducing pressure and pulling sensations on the back, while maintaining a natural S-curve to prevent excessive lumbar curvature and support a comfortable seated position. Additionally, the slits conform to the body's contours, alleviating pressure from the shoulders to the lower back when lying on your side.

Side Rail Options



Side Rail Configurations



Technical Specifications

Platz Ardel Positioning Bed
 Model: P400

Overall Dimensions	L2120 x W900 x H250 - 630 mm
Weight of Bed	112 kg (Solid Wood Head & Foot Board)
	107.5 kg (ABS Resin Head & Foot Board)
Safe Working Load	170 kg
Power Supply	100 - 240 VAC (50/60 Hz)
Power Consumption	150 W
Height Adjustment	250 - 630 mm
High Back Adjustment	0 - 20° (Unique Features)
Lower Back Adjustment	0 - 70°
Knee Bend Adjustment	0 - 22°
Castor Type	4 x Dual Castors Ø100 mm
	Central Lock from 6 locations (3 front, 3 rear)
Castor Material	Non-Marking (Nylon, Polyurethane)
Compliance (LINAK)	ANSI/AAMI ES60601-1: A1:2012
Safety Standards	CSA CAN/CSA-C22.2 No.6061-1:14
	IEC 60601-1-6:2010 Ed.3+A1:2013
	IEC 60601-1 Ed.3.1:2012
Country of Origin	Designed in Japan
	Made in Vietnam

Light Brown (LB) Solid Wood
 Head & Foot Board



Medium Brown (MB) Solid Wood
 Head & Foot Board

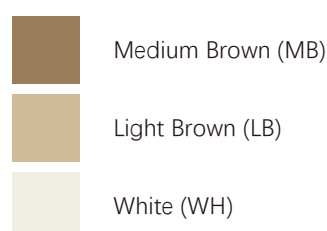


Beige (WH) ABS Resin
 Head & Foot Board



Overbed Table

Table Surface	L840 x W400 mm
Height	600 - 840 mm
Load Capacity	30 kg
Colours	Medium Brown (MB)
	Light Brown (LB)
	White (WH)



Meal Table

Dimensions	L1000 x W405 x H80 mm
Load Capacity	15 kg

IV Pole

Height Adjustable Range	800 mm
Height Lock	On/Off lock knob
Load Capacity	1 kg on each hook

Backup Battery

Battery Life	2 hours (Continuous)
	48 hours (Standby)
Charging Time	8 hours



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