SOLO

Profiling bed
for challenging
environments

Pineapple

Profiling beds are typically used in acute care settings, providing adjustable back and leg support, reducing the risk of pressure ulcers and aiding respiration[1]. Additional height adjustment aids getting into and out of bed for those with reduced mobility.

With sustained increases in life expectancy across the world, the number of patients experiencing both mental and physical illnesses has become greater[2].

This comorbidity can lead to an increase in patients requiring mental health treatment alongside complex mobility needs.

Many profiling beds are not suited for use in mental health treatment due to ligature risks and ease of access to control mechanisms[3].

The cordless, battery-powered Solo beds are designed to address these concerns by reducing ligature risks and protecting sensitive areas with anti-intrusion panels.

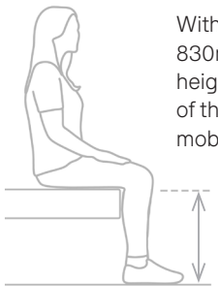
DESIGNED FOR SAFETY

Access to internal mechanisms are restricted by anti-intrusion panels, and ligature risks are minimised

Anti-intrusion panels
Made from shatterproof polycarbonate, the anti-intrusion panels help to reduce ligature risks and deter tampering.

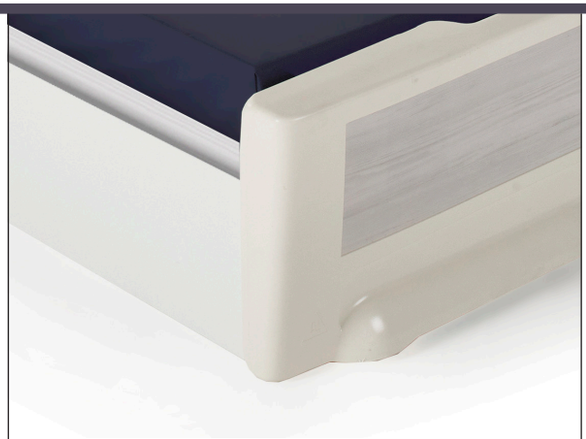
Height adjustment

Evidence supports the safest height for a person to egress from is their “popliteal height” - with feet flat on the floor, and heels, knees and thighs all at a 90° angle.



With maximum height of 830mm, and an ultra-low height of 210mm, the majority of the population can mobilise safely from the bed.

Popliteal height



Rounded edges

The curved frame, head/footboards and side rails are safely rounded to reduce the risk of harm in the event of a fall.

Manufactured from damage-resistant polyethylene, the bed’s surfaces provide the long-term durability.

Optional reduced-ligature side rails

Constructed in 3 sections to aid safe egress, optional side rails help to reduce the risk of falls. Polycarbonate panels secured with anti-tamper fixings to minimise ligature risks.

When in the ultra-low position, the patented AutoLock™ feature automatically locks the side rails and brake system in place.

Easy to maneuver

With a choice of castor wheels options, the bed can be easily maneuvered, even across changes of floor level.

→ Two sets of 100mm swivelling castors at head & foot end

→ 100mm castors at head end, floor affixed foot end

A central brake is situated at the foot end, with steering at the head end.

Safer controls

The wireless handset allows staff and users to control patient positioning without ligature risks associated with a corded handset.

DESIGNED FOR MOBILITY

Extensive positional adjustments to support clinical outcomes.

Precise patient positioning

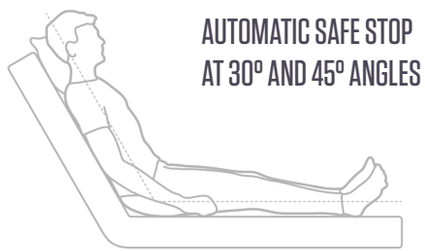
With four individual sleep deck panels, precise incremental adjustments and overall angle control, there are extensive positioning options available to the client and caregiver.

Elevated back and footrests

The elevated backrest function can improve breathing (and oxygenation), enhance fluid drainage and increase client comfort.

Automatic pauses at 30° and 45° help to provide effective client positioning and reducing guesswork for the caregiver.

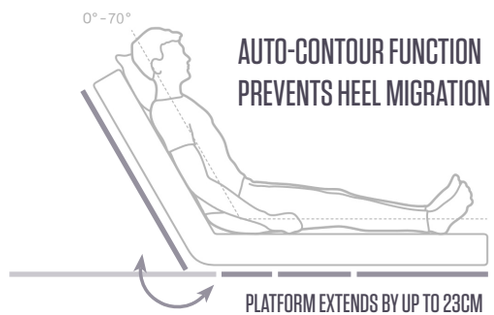
Leg positioning can also be adjusted to provide comfort and circulation benefits.



Elliptical motion

The electric backrest lengthens as it articulates, extending the platform by up to 23cm as it reaches a maximum angle of 70°.

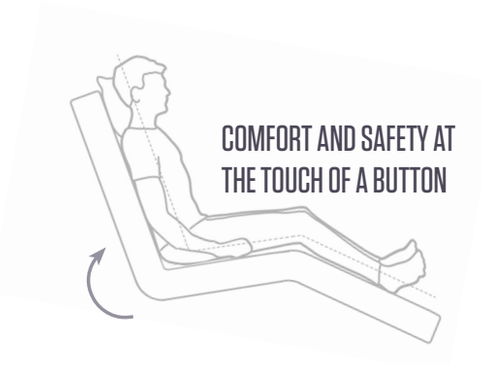
This design feature helps to eliminate heel migration and associated shear and friction when the patient is positioned using the auto-contour feature.



Cardiac chair

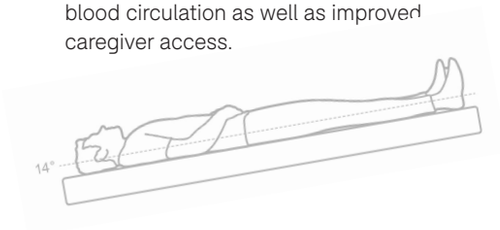
With a touch of a button, the bed enters the cardiac chair position. The backrest and legs are raised, and the bed is angled forwards, sitting the patient upright.

This function helps to maximise respiratory function, and can help patients to acclimatise to a more upright position before standing up, reducing risk of falls.



Trendelenburg angle

With the patient lying flat on their back, the angle of the bed can be adjusted between -14° and +14°. Benefits can include improvements to respiratory function and blood circulation as well as improved caregiver access.



Battery-powered

The cordless operation via onboard rechargeable battery minimises ligature risks and provides ease of movement.

Solo profiling bed - side panel
Code: 1SOA-100
Bed size: 210-830H | 1030W | 2250L (mm)
Weight: 138kg

Solo profiling bed - 3 panel
Code: 1SOA-200
Bed size: 210-830H | 1060W | 2270L (mm)
Weight: 149kg

KEY FEATURES

- → Anti-intrusion panels prevent access to cords & mechanisms, helping to reduce ligature risks & deter tampering
- → Adjustable height, from an ultra-low position of 210mm to maximum of 830mm
- → Extensive positional adjustments
- → Cordless operation via wireless handset
- → Easy to maneuver (front wheels steerable, rear wheels braked). Wheels safely retracted when not in use

OPTIONS

- → Available with reduced-ligature side rails, made in 3 sections which can be individually adjusted
- → Available with integrated headboard which can also aid transportation

TECHNICAL SPECIFICATION

Min. height:	210mm
Max. height:	830mm
Safe working load:	258kg (41st)
Max. patient weight:	193kg (30st)
Max. backrest angle	70°
Max. knee angle	30°
Max. calf angle	20°
Trend/Reverse Trend angle:	+ 14°/- 14°

Bed with side panel

Bed weight:	138kg (21.7st)
Total length and width:	2250mm x 1030mm
Dimensions of sleep deck:	1980mm x 880mm

Bed with 3 panels

Bed weight:	149kg (23.5st)
Total length and width:	2270mm x 1060mm
Dimensions of sleep deck:	1980mm x 880mm

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EC REP

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REFERENCES

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