

STRONGMAN

SENTINEL ELECTRIC BED RANGE

Precision in every position



Advanced



Intelligent



Precise



Powerful



01

INTRODUCING OUR ELECTRIC BED RANGE - SENTINEL

THE SENTINEL PRIME

Sentinel takes its name from the idea of a robotic guardian: a constant presence that watches over and assists those in its care. We see our electric beds in much the same way, supporting patients through critical moments while giving greater control, precision and functionality when it matters most.

At the forefront is the Sentinel Prime, our flagship electric bed. With its distinctive white and teal finish, futuristic design and comprehensive range of critical-care functions, Prime brings the full Sentinel philosophy to life: a bed that watches over the patient and empowers the caregiver, like a guardian at the bedside.

SEN - PRIME OVERVIEW

CORE-CARE FUNCTIONS

EXPLORING THE BUILD

SUPPORT-CARE FEATURES

SENTINEL

ELECTRIC BED RANGE

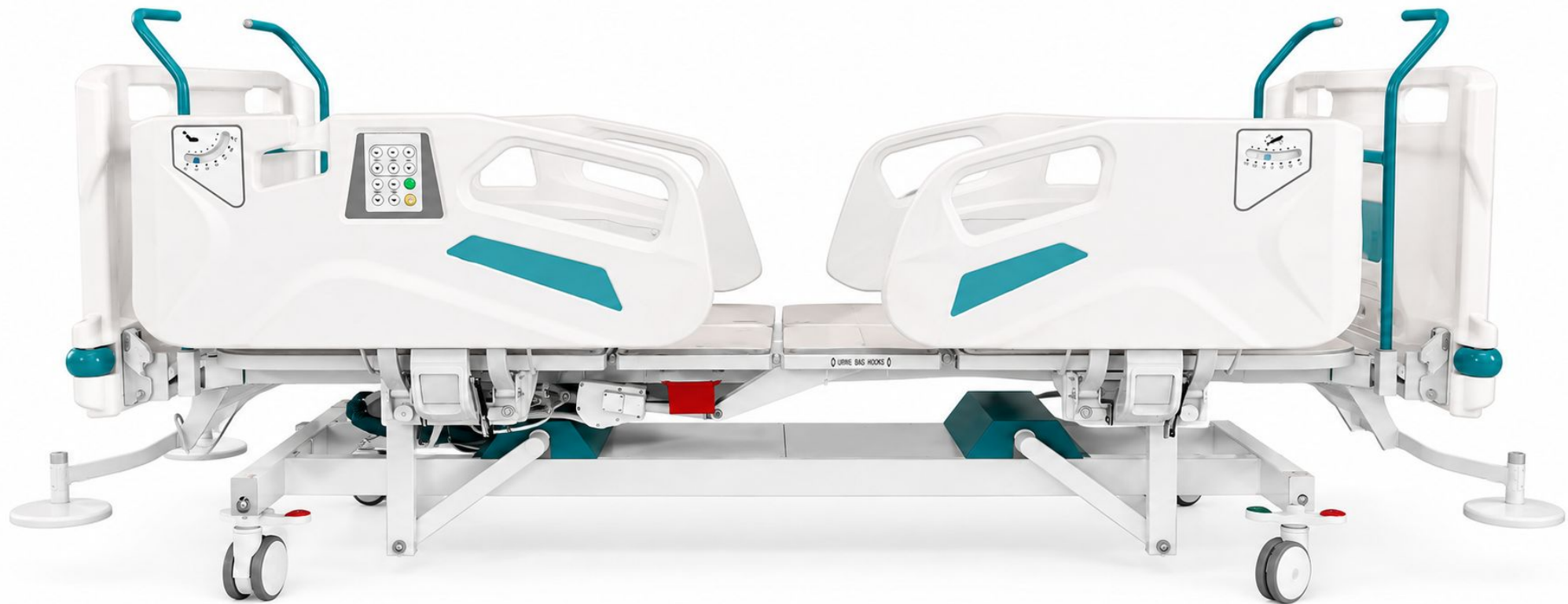
SEN - PRIME



SENTINEL

ELECTRIC BED RANGE

SEN - PRIME



SENTINEL

ELECTRIC BED RANGE

SEN - PRIME



SENTINEL

ELECTRIC BED RANGE

CORE-CARE FUNCTIONS

02

CORE-CARE FUNCTIONS

At the heart of the Sentinel series are five core-care functions, giving caregivers the control and flexibility needed to position patients comfortably and deliver effective care in intensive care environments.

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CORE-CARE FUNCTIONS

HEAD RAISE

Comfort and breathing, one motion away.

Sentinel Prime allows 0°–70° of head elevation, giving caregivers the full range from a gentle resting incline to a near-upright seated position — helping ease breathing, support feeding, and reduce reflux without ever needing to manually prop a patient up.



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CORE-CARE FUNCTIONS

LEG RAISE

The quiet function that keeps patients in place.

Sentinel Prime raises the knee section through 30° independently of the backrest — relieving pressure behind the knees, improving circulation, and stopping patients from sliding toward the foot of the bed when the head is raised.



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CORE-CARE FUNCTIONS

MANUAL LEG ADJUSTMENT

Extra adjustment option for extra comfort.

Sentinel Prime has a manual ratchet attached at the foot section to allow for a downward rotation from flat position from 0° to - 20°. This offers the patients and caregivers an added layer of functionality for maximum comfort.



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CORE-CARE FUNCTIONS

AUTO-CONTOUR

Two motions, timed as one.

Sentinel Prime raises the head and knee sections together in a single motion, instead of requiring staff to adjust one, then the other. It keeps patients centered and comfortable through every repositioning, with none of the manual sequencing.



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CORE-CARE FUNCTIONS

HEIGHT ADJUSTMENT

The right height for every task, and every patient.

Sentinel Prime moves the entire bed frame between 480mm and 855mm — low enough to minimize fall-related injury when a patient is resting unattended, high enough for caregivers to work transfers, wound care, and CPR without bending.

Lowest Height: 470 mm

Maximum Height: 983 mm



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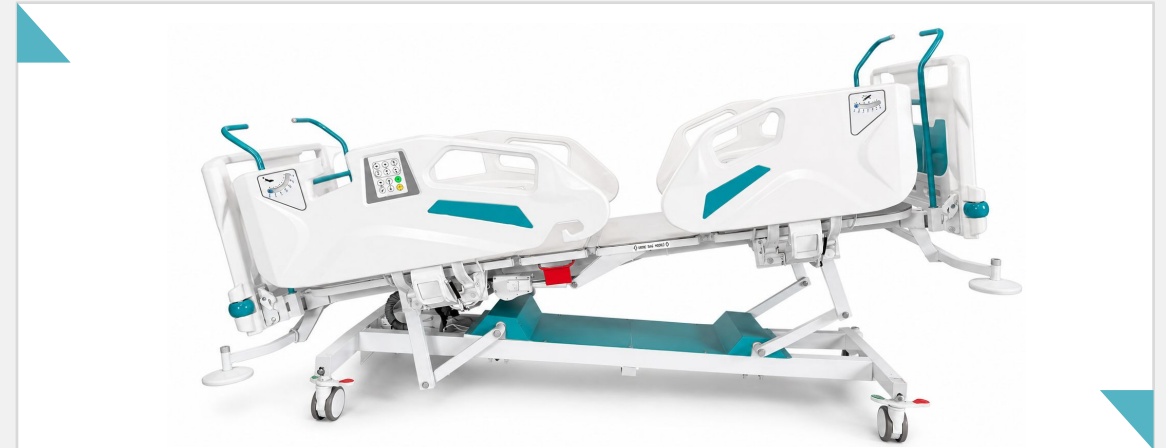
CORE-CARE FUNCTIONS

TRENDELENBURG POSITION

Built-in support for the moments that can't wait.

Sentinel Prime tilts the entire frame up to -15° , head lower than feet, supporting circulation during hypotensive episodes and select procedural positioning — a whole-frame tilt available at the touch of a control, not a manual adjustment under pressure.

Angle Range: 0° to -15°

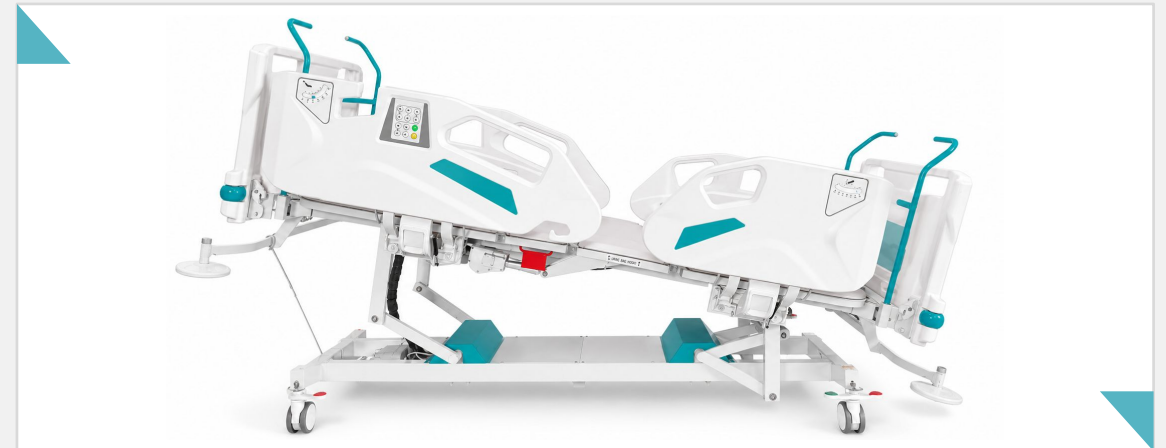


REVERSE TRENDELENBURG POSITION

Elevation with a purpose, from head to foot.

Sentinel Prime tilts the entire frame up to 15° in the opposite direction, head above feet — distinct from a simple backrest raise, and used to ease pressure in the head and support patients managing reflux overnight.

Angle Range: 0° to 15°



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CORE-CARE FUNCTIONS

CHAIR POSITION

A wheelchair posture, without leaving the bed.

Sentinel Prime combines full Head Raise, full Leg Raise, maximum Height, and a Reverse Trendelenburg tilt into one seated configuration — giving cardiac and respiratory patients a supported, upright sit for extended periods without a physical transfer.



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[EXPLORE THE BUILD](#)

03 EXPLORE SENTINEL PRIME'S BUILD

A closer look at the design and construction of Sentinel, exploring each component from the head and foot panels to the mattress platform, side guards and castors.

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ELECTRIC BED RANGE

[EXPLORE THE BUILD](#)

Frame Construction & Finish

Built to work every shift, not just survive it.

Sentinel Prime's frame is constructed from 16-gauge mild steel with an epoxy powder-coated finish — engineered for the balance point between structural strength and everyday maneuverability. Tested rigorously with various load inputs, safe working load established at 220 KG

Overall Dimensions: 2286 × 1016

Mattress Platform - Radiolucent Bakelite

X-rays without the transfer.

Sentinel Prime's platform uses a radiolucent Bakelite sheet — a material that allows X-ray beams to pass through with minimal interference, letting portable imaging equipment capture a clear image directly through the bed. For critically ill, post-operative, or trauma patients, that means diagnostic imaging without the risk and disruption of moving them onto a separate table.

Platform Dimensions: 1981 × 914 mm



SENTINEL

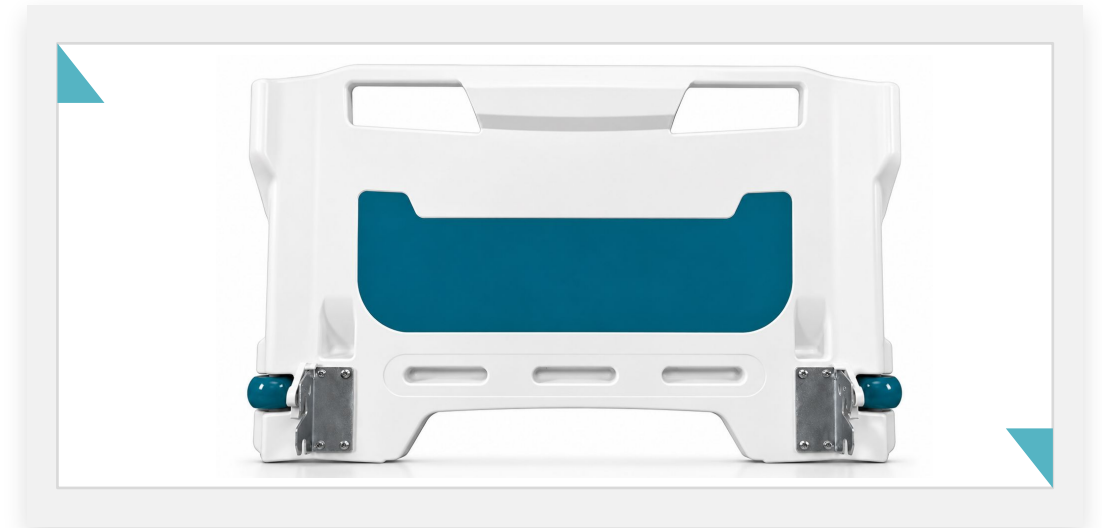
ELECTRIC BED RANGE

[EXPLORE THE BUILD](#)

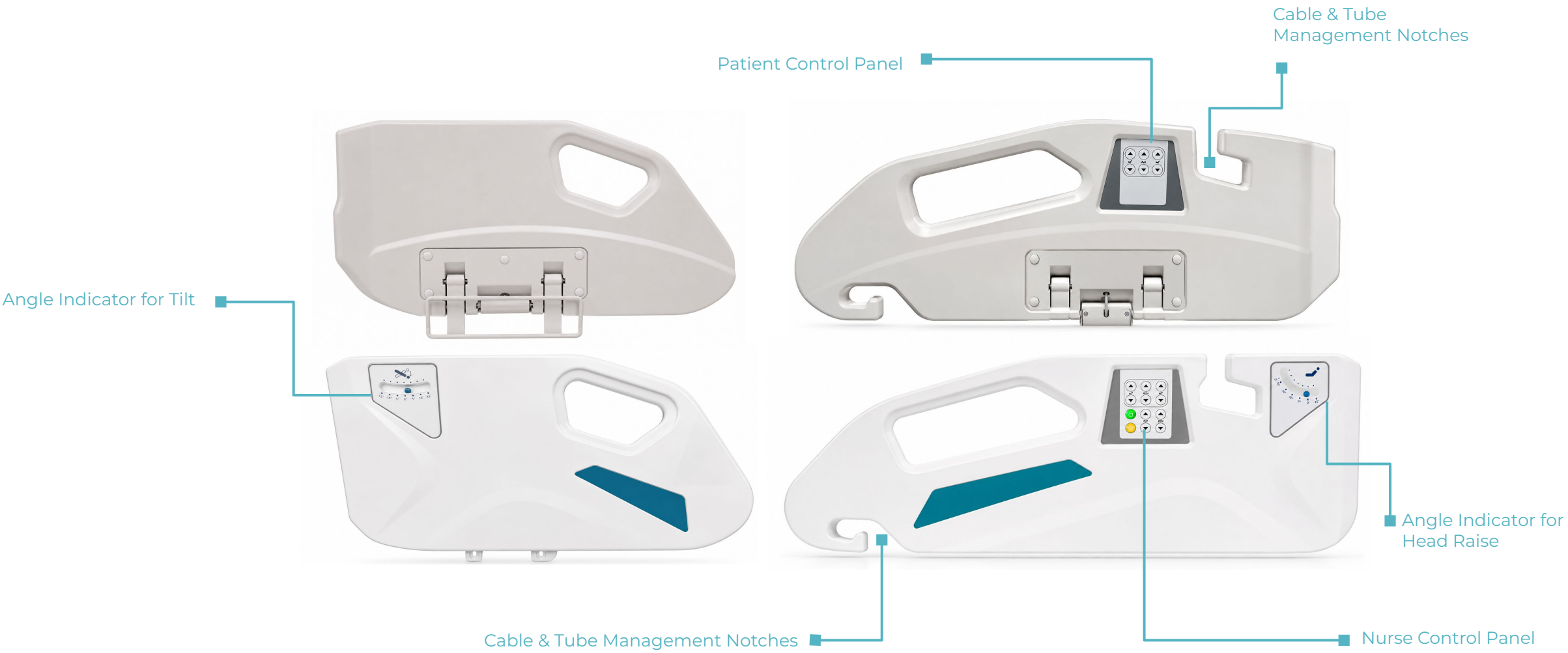
Head & Foot Panels

A first impression that puts patients at ease.

Sentinel Prime's removable head and foot panels are molded from lightweight ABS plastic, shaped into a soft, rounded silhouette designed to read as a friendly face rather than clinical equipment. It's a small design choice with real effect — patients notice a warmer first impression, and staff get a panel that's easier to clean, lighter to remove for servicing, and won't dent or corrode with daily use.



Side Guards - Integrated Dual Control Panels



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ELECTRIC BED RANGE

[EXPLORE THE BUILD](#)

Castors - 125mm Twin Plastic with Central Locking

[Single pedal for all-wheel control.](#)

Sentinel Prime rolls on 125 mm twin castors with a central locking system — a single pedal engages the brake on all four wheels simultaneously, rather than requiring staff to lock each corner by hand. It's the same pedal, in the same place, every time, which means faster parking, safer transfers, and no bed left half-locked by mistake.



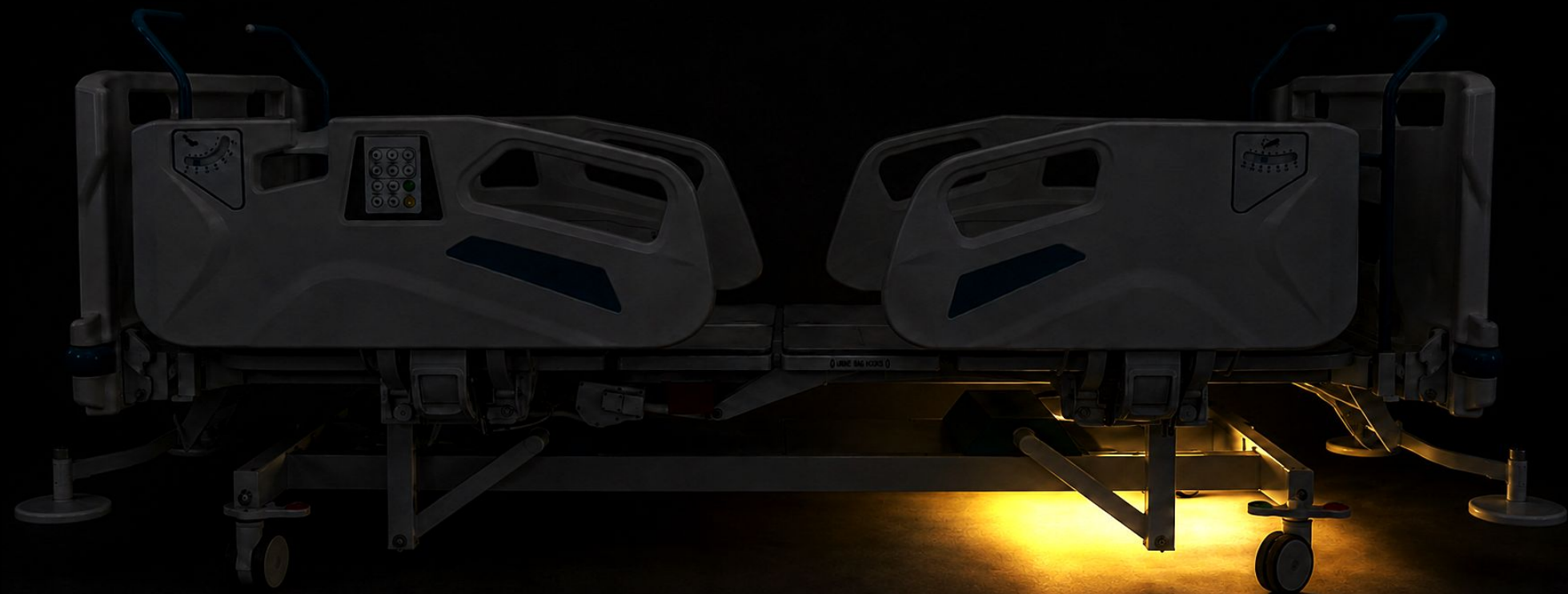
04

SUPPORT-CARE FEATURES

At Strongman, we believe the difference lies in the details. Sentinel is designed not only around its core-care functions, but also around the small yet crucial features that can easily be overlooked. From night lighting and battery backup to accessible controls, CPR functions and integrated accessory points, every detail is considered to support caregivers and patients. It is this attention to the finer points of care that makes Sentinel truly stand apart.

NIGHT LIGHT

SUPPORT-CARE FEATURES



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NIGHT LIGHT

SUPPORT-CARE FEATURES

NIGHT LIGHT

Care that doesn't wake the patient to give it.

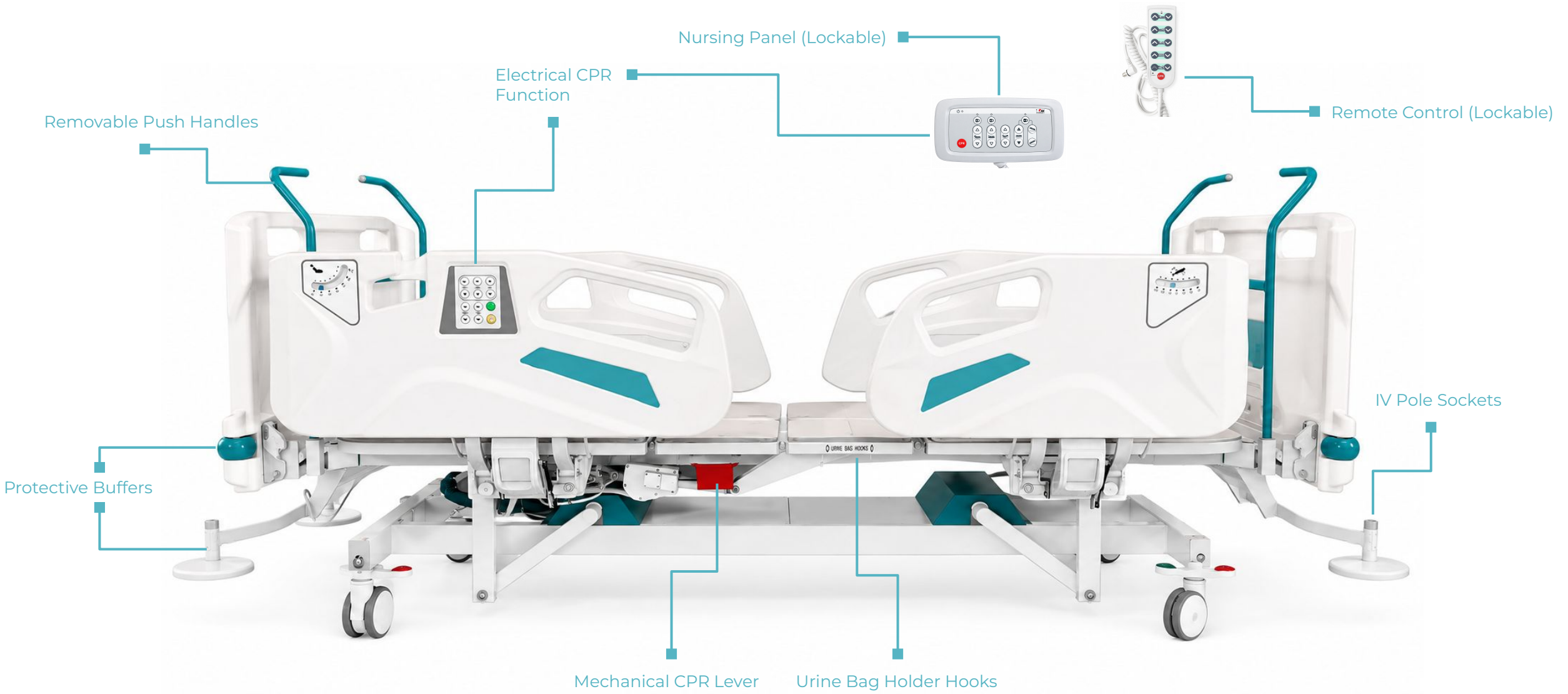
Mounted underneath the frame rather than overhead, Sentinel Prime's night light gives caregivers enough visibility to work around the bed after dark — checking lines, adjusting position, reaching the floor — without switching on a harsh overhead light or disturbing a sleeping patient.



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SUPPORT-CARE FEATURES



Support-Care Features

Battery Backup

Powers 20 complete movement cycles or 20 minutes of electrical control, unplugged or on the move.

Urine Bag Hooks

Integrated hooks on both sides of the bed provide a convenient and secure point for urine bag placement.

Lifting Pole (Available separately)

Provides patients with additional support for repositioning and assisted movement in bed.

Cylinder Holder (Available separately)

A secure mounting point for safely positioning an oxygen cylinder alongside the bed.

IV Pole Sockets & IV Poles

Four sockets, one at each corner, for unobstructed access from any side — complimentary IV poles included with every Sentinel bed.

Mattress

100 mm thick, disinfectable Rexine cover — complimentary with every Sentinel bed.

CPR Function

A bright red release handle quickly disengages the backrest mechanically via clutch cables, dropping the bed flat for CPR—even during a power failure. The electric CPR release is integrated into the side guard control panel, the nursing control panel & the remote control.

Linen Tray (Available separately)

A practical storage tray for keeping linens and essential bedside items organised and within easy reach.

SENTINEL

ELECTRIC BED RANGE

[EXPLORE THE FULL RANGE](#)

EXPLORE THE REST OF OUR RANGE

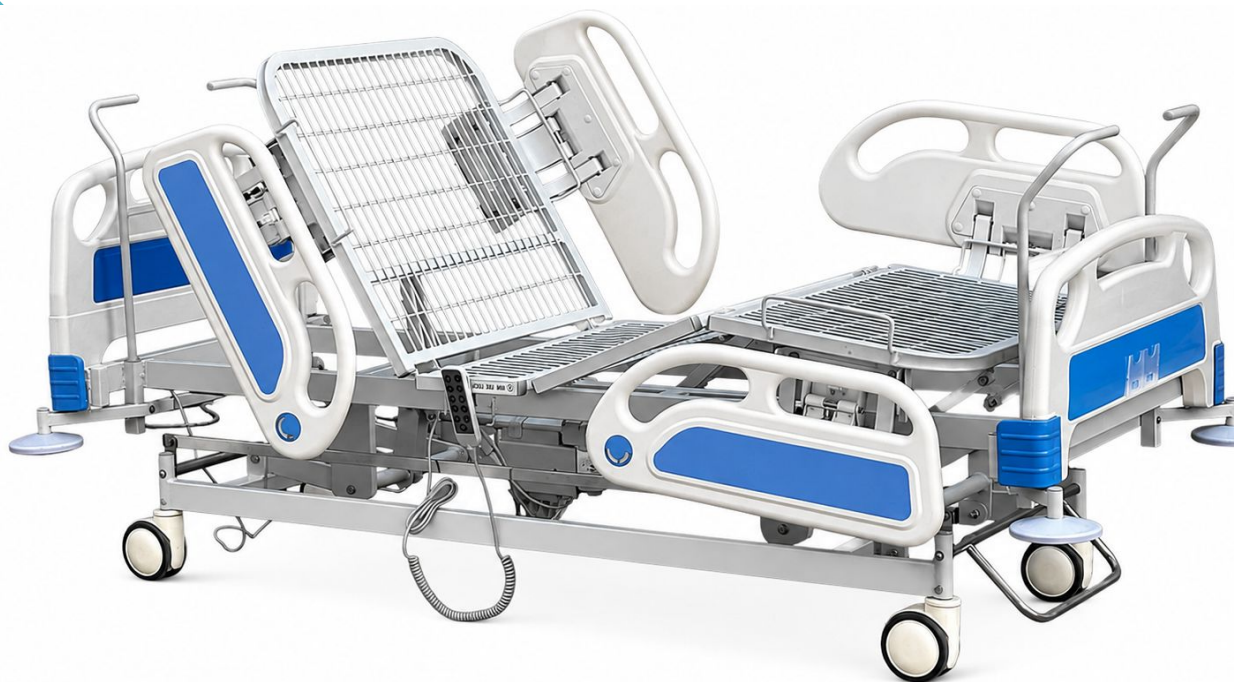
Introducing the other models within the Sentinel Range. Following from Sentinel Prime 5000, we introduce you to three more models: Sentinel 5000, Sentinel 4000 & Sentinel 3000. Each 0000s series represent the number of core-care functions each bed carries.

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SENTINEL 5000

FIVE FUNCTION ELECTRIC BED

SEN-5000



KEY SPECIFICATIONS

Overall Dimensions (mm) (LxWxH)

2362 × 1092 × (483–724) mm

Movement Features

Head Raise, Leg Raise, Auto-Contour, Height Adjustment, Tilt

Mattress Platform (mm)

Metal Platform Mesh - Size: 1981 × 914 mm

Construction

Mild Steel, 16 Gauge, Epoxy Powder Coat Finishing

Castors

125mm Twin Plastic with Central Locking

Control System

Remote Control Only

Safe Working Load

220 KG

CPR Mechanism

Mechanical Lever

SENTINEL 4000

FOUR FUNCTION ELECTRIC BED

SEN-4000



KEY SPECIFICATIONS

Overall Dimensions (mm) (LxWxH)

2362 × 1092 × (483–724) mm

Movement Features

Head Raise, Leg Raise, Auto-Contour, Height Adjustment

Mattress Platform (mm)

Metal Platform Perforated - Size: 1981 × 914 mm

Construction

Mild Steel, 16 Gauge, Epoxy Powder Coat Finishing

Castors

125mm Plastic with Brakes

Control System

Remote Control Only

Safe Working Load

220 KG

CPR Mechanism

None

SENTINEL 3000

THREE FUNCTION ELECTRIC BED - FIXED HEIGHT

SEN-3000



KEY SPECIFICATIONS

Overall Dimensions (mm) (LxWxH)

2210 × 991 × 610 mm

Movement Features

Head Raise, Leg Raise, Auto-Contour

Mattress Platform (mm)

Metal Platform Perforated - Size: 1981 × 914 mm

Construction

Mild Steel, 16 Gauge, Epoxy Powder Coat Finishing

Castors

125mm Plastic with Brakes

Control System

Remote Control Only

Safe Working Load

220 KG

CPR Mechanism

None

CORE-CARE FUNCTIONS COMPARISON

This table compares the core-care movement functions across the Sentinel Range

Features	SEN-PRIME	SEN-5000	SEN-4000	SEN-3000
Head Raise	✓	✓	✓	✓
Leg Raise	✓	✓	✓	✓
Auto-Contour	✓	✓	✓	✓
Height Adjustment	✓	✓	✓	—
Trendelenburg & Reverse Trendelenburg	✓	✓	—	—

SUPPORT-CARE FEATURE COMPARISON

This table compares the support-care features across the Sentinel Electric Bed

Features	SEN-PRIME	SEN-5000	SEN-4000	SEN-3000
Remote Control	✓	✓	✓	✓
Push Handles	✓	✓	✓	✓
Tube Management Notches	✓	—	—	—
Night Light	✓	—	—	—
Angle Indicator	✓	✓	—	—
Manual Foot Section Adjustment	✓	—	—	—
Nursing Panel	✓	—	—	—
Battery Backup	✓	—	—	—
CPR System	Electric, Mechanical	Mechanical	—	—

BUILD COMPARISON

This table compares the build & construction across the Sentinel Range

Features	SEN-PRIME	SEN-5000	SEN-4000	SEN-3000
Frame Construction	16G - Mild Steel	16G - Mild Steel	16G - Mild Steel	16G - Mild Steel
Head/Foot Panels	Modern ABS Panels	Classic ABS Panels	Classic ABS Panels	Classic ABS Panels
Side Guards	Modern ABS Panels with Integrated Controls	Classic Polymer without Controls	Classic Polymer without Controls	Classic Polymer without Controls
Castors	125mm Twin Plastic Central Locking	125mm Twin Plastic Central Locking	125mm Plastic with Brakes	125mm Metal with Brakes
Overall Dimensions (mm) (LxWxH)	2286 × 1016 × 470–983 mm	2362 × 1092 × (483–724) mm	2362 × 1092 × (483–724) mm	2210 × 991 × 610 mm

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EXPERIENCE

THE SENTINEL



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