

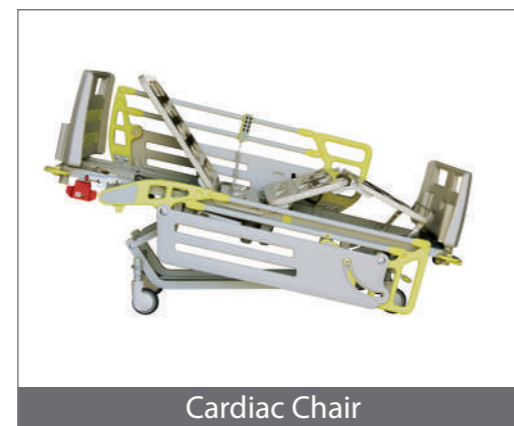
# Positions



Max. height 800 mm



Back rest 0 - 78°



Cardiac Chair



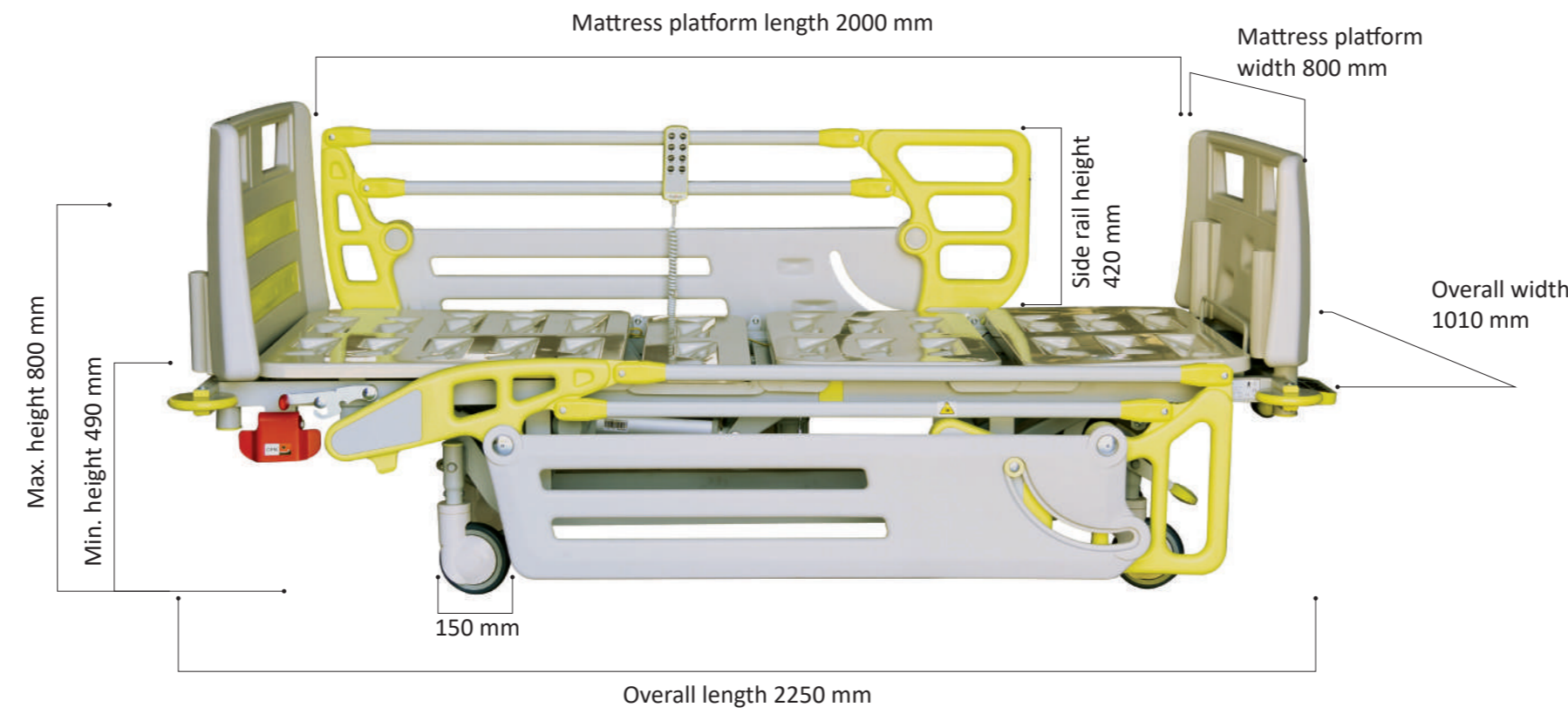
Min. height 490 mm



Knee rest 0 - 30°



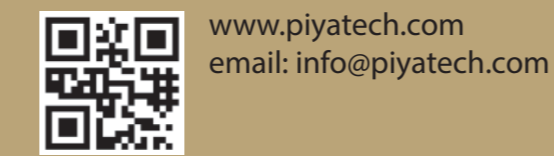
Trend. / Reverse Trend. ± 13°



## Technical Specifications

Overall dimensions .....	2250 mm × 1010 mm	Casters .....	150 mm	Technical and Quality Assurance Standards IEC 60601 - 2 - 52 ISO 13485 ISO 14971
Mattress platform .....	2000 mm × 800 mm	Power input max .....	250 VA	
Hi - Low .....	800 mm - 490 mm	Main power system .....	220V - 50 Hz, 24 V DC	
Side rail height .....	420 mm	Electrical current protection .....	Class I	
Back rest angle .....	0 - 78°	Electrical shock protection .....	Type B	
Knee rest angle .....	0 - 30°	Operation mode .....	10%, max.: 2 min/18 min	
Trend. / Reverse Trend. ....	± 13°	IP rating .....	IP 66	
Bed weight .....	110 kg			
Safe working load .....	250 kg			

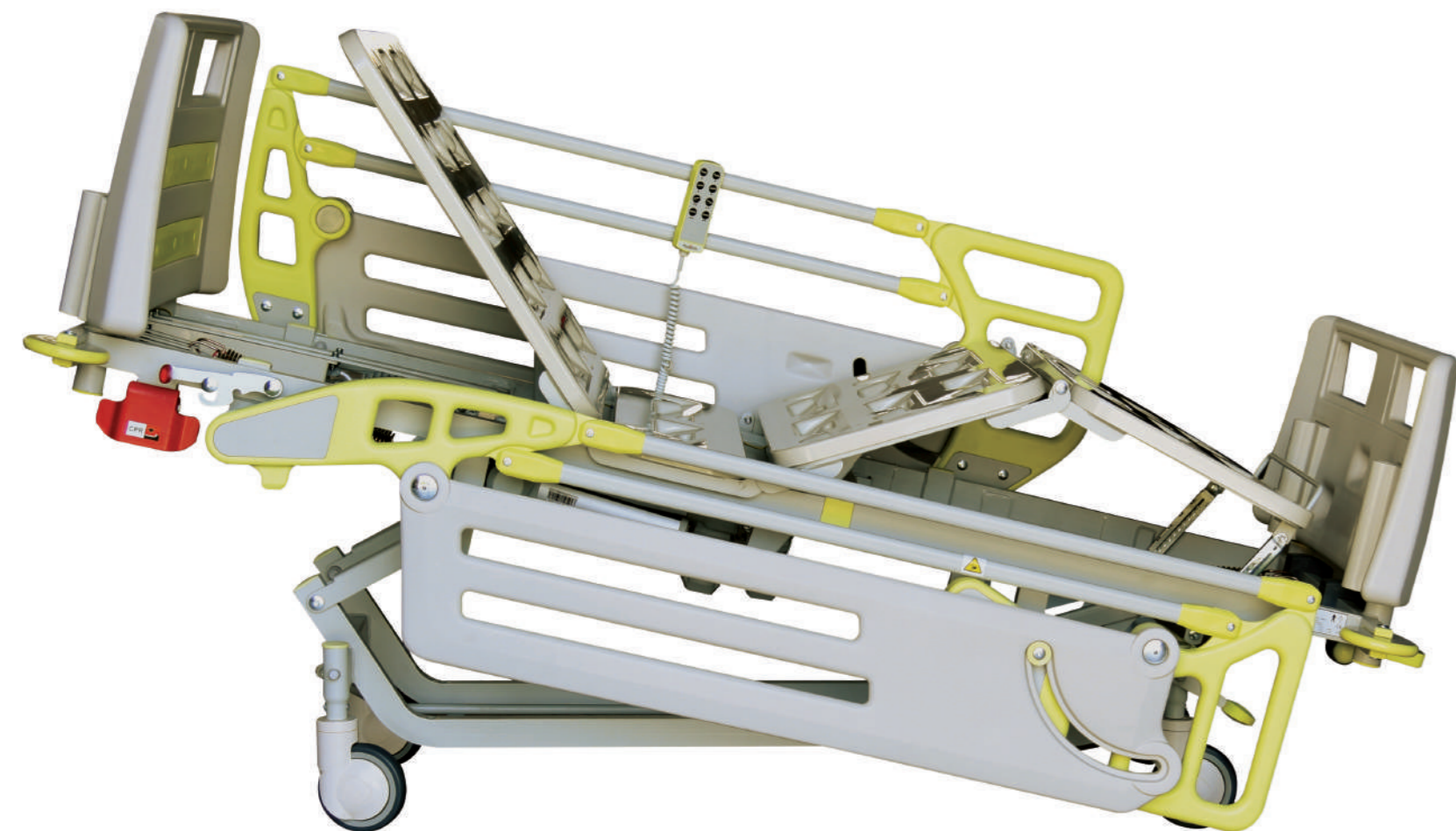
**PIYATECH Sdn. Bhd.**  
 B3-U5-5, Solaris Dutamas, Jalan Dutamas 1, 50480 Kuala Lumpur, Malaysia  
 Tel: (+60 3) 62113120, 62112120, 62113121



Piyatech

ICU/CCU Bed 4090 EC1





## Features

### Bed Ends

The seamless blow molded bed ends of 4090 EC1 are lightweight, durable, and easy to clean. Since the bed ends are of high quality, they are compatible for steam cleaning. In order to have a better access to patient's head in emergency cases, the caregiver can easily remove the bed ends by grasping the hand holds and lifting them up in one single step. Moreover, the bed ends have integrated steel fittings which make them extremely rigid; so the nursing staff can move the bed by holding and pushing them without worries.



### Central Locking Casters

150 mm central locking casters run extremely smoothly; the quality that makes it significantly easy for the nursing staff to move the bed. In addition, the foot pedals allow effortless transition between the three modes of the central locking system: safe central locking (down), easy maneuvering and positioning (middle), and fast directional movement (up) to provide a smooth and controlled single person transportation of the bed in medical centers.



### Casters

150 mm casters run extremely smoothly; the quality that makes it significantly easy for the nursing staff to transport the bed in the medical centers. Having diagonal locks, the casters can be locked in order to prevent the bed from unintended movement.



### Side Rails

A unique and stylish design of parallel side rails combines blow molded plastic parts and steel bars to provide a protective height and length. The side rails adhere to the highest standards of safety to prevent patient fall and entrapment.



### Nurse Control Panel (Optional)

Easy to use Attendant Control Panel (ACP) with illustrative schematics located at the foot end of the bed provides all required positions including CPR, Trendelenburg, and Reverse Trend.



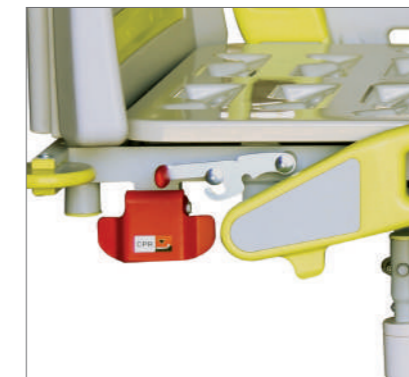
### Pendant Control

User friendly handset control with illustrative schematics makes it simple and easy for the patient and caregiver to adjust the bed with different positions. The pendant controller can be placed on both side rails for easy access.



### CPR Mechanism

Two CPR quick release handles are located on either side of the bed for easy and fast access in the case of an emergency. The manual quick release mechanism operates independently from the electrical CPR of the bed that makes it fully operational even if the power is cut off.



### Bumpers

Innovative rotary bumpers which are located on four corners of 4090 EC1 can prevent to a large extent the damages that may occur due to unwanted collision of the bed to the surroundings during transportation.



### Mattress Platforms

The ABS mattress platforms of this bed are produced by injection molding method. These platforms have some remarkable features such as smooth surfaces, high durability, and easy to remove for cleaning and disinfection. Plus, the mattress platforms are compatible for steam cleaning.



### Urine Bag Holder

Urine bag holders can be easily installed on either side of the bed in one step.



### Neutralizing Springs

The application of springs in the mechanism neutralizes the imposed pressure on actuators and consequently enhances their performance and durability.



### Actuators

All positions of this bed are achieved by powerful, reliable, and low noise actuators. As the actuators have IP66 rating, they are protected against ingress of dust and water. This prominent feature of actuators makes it easy to clean and disinfect the bed in the medical centers on a regular basis.

