

# Technical Specifications



• Overall dimensions	_____	1955 mm x 922 mm
• Mattress platform	_____	1640 mm x 722 mm
• Hi - Low	_____	1075 mm - 670 mm
• Side Rail height	_____	685 mm
• Backrest angle	_____	0 - 75°
• Kneerest angle	_____	0 - 30°
• Trend. / Reverse Trend	_____	± 15°
• Bed weight	_____	193 kg
• Safe working load	_____	150 kg
• Casters (Central Locking)	_____	150 mm
• Power input max	_____	250 VA
• Main power system	_____	220 V – 50 Hz, 24 V DC
• Electrical current protection	_____	Class 1
• Electrical shock protection	_____	Type B
• Operation mode	_____	10%, max: 2 min/18 min
• IP rating	_____	IP 66

**Technical and Quality Assurance Standards**  
 IEC 60601-1  
 IEC 60601-2-52  
 ISO 13485  
 ISO 14971

# Positions



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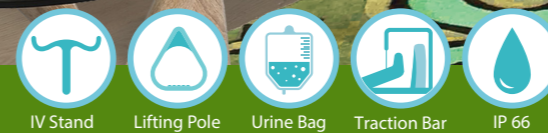
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# Piyatech

## PICU Bed 1090



Piyatech 2023-1090 V01 Validity Dec. 2024



MDA Establishment License No.: MDA-1216-K120  
 MDA Product Reg. No.: GMD45614744918A

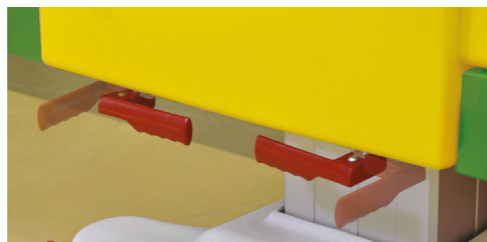


# Features



## ■ Bed Ends

The transparent bed ends create a pleasant and cheerful atmosphere for children and others in the room throughout the treatment period. The 1090 bed's seamless blow-molded bed ends are lightweight, durable, and simple to clean. With their smooth surfaces and high-quality construction, the bed ends are suitable for steam cleaning.



## ■ Bed Ends Removal

Both bed ends are equipped with secure locking mechanisms that are simple to use. These locking mechanisms prevent unwanted bed ends removal or unsupervised bed exit. In order to have better access to the patient's head or foot, the caregiver can easily remove the bed ends by in two easy steps by unlocking the mechanism and grasping the hand holds to lift them up.



## ■ Side Rail

The four-piece side rails with transparent windows Complement the bed end's design. Their unique design follows all safety standards. These safety sides cover the whole length of the bed, preventing children from falling or exiting the bed without supervision. Each safety side has a single step retraction mechanism which allows for easy access to the patient.

## ■ Handset Control

User-friendly handset controller with illustrative schematics makes it simple and easy for the caregiver to adjust the bed with different positions. The handset controller can be placed on both safety sides for easy access.



## ■ 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:

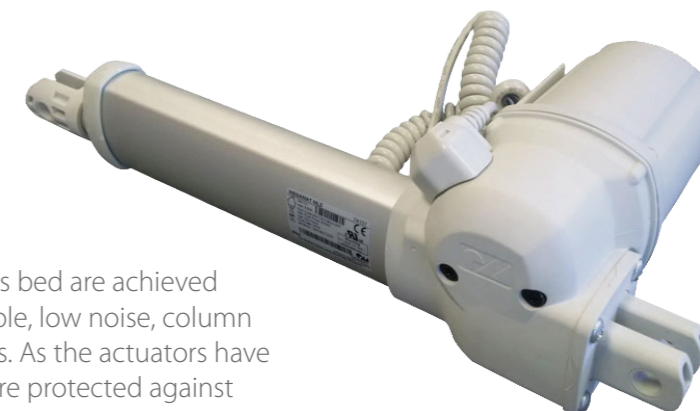
- safe central locking (down)
- easy maneuvering and positioning (middle)
- fast directional movement (up)

to provide a smooth and controlled single person transportation of the bed in medical centers.



## ■ Actuators

All positions of this bed are achieved by powerful, reliable, low noise, column and liner 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 regularly.



## ■ Mattress Platforms

The ABS mattress platforms of this bed exhibit notable features including smooth surfaces, exceptional durability, and easy removal for hassle-free cleaning and disinfection. Moreover, these mattress platforms are designed to be compatible with steam cleaning, ensuring thorough sanitation.



## ■ Bumpers

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