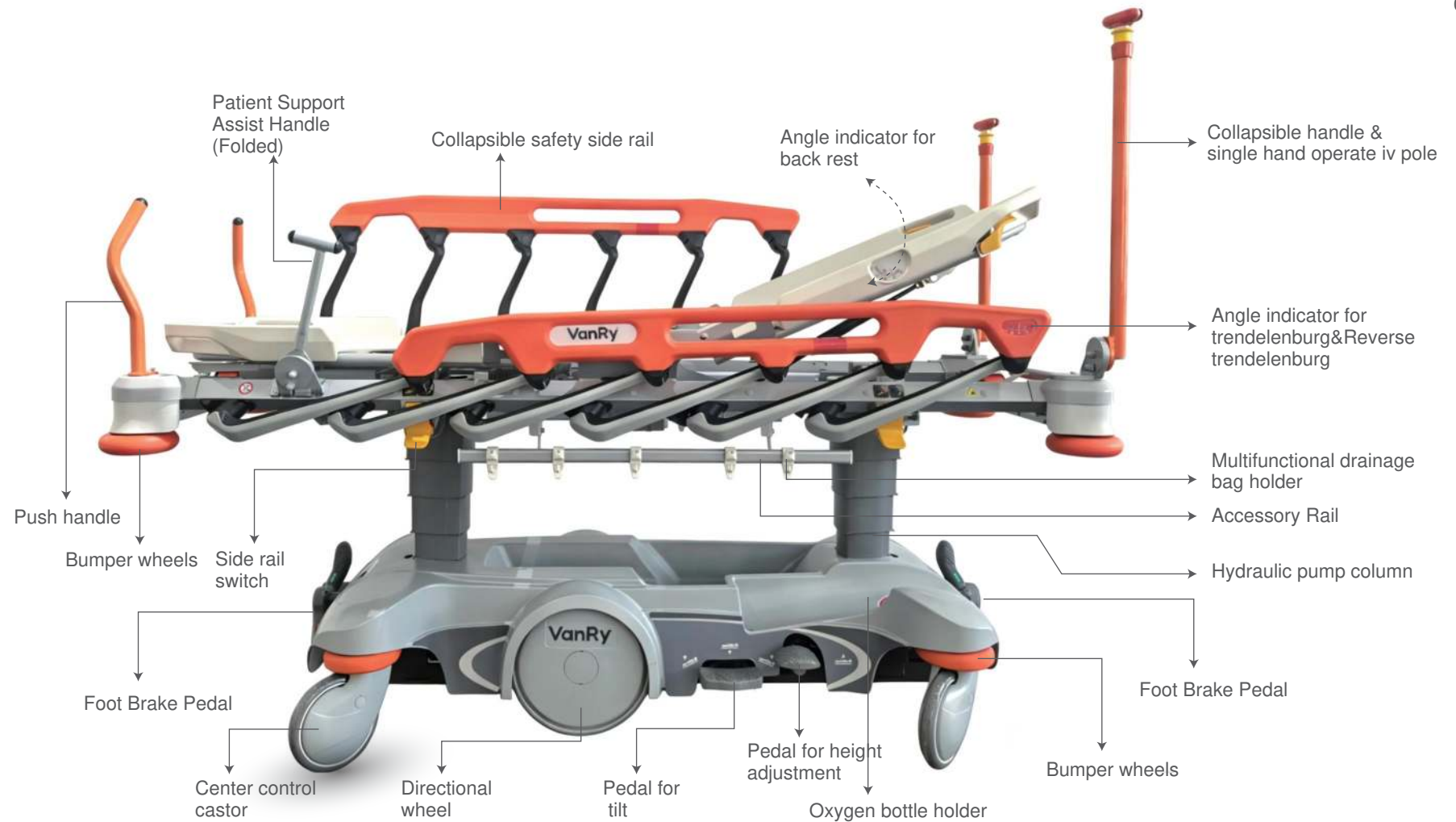


VanRy®



Medical Hydraulic Stretcher E-2-2



HDPE surface



Collapsible safety side rail



Patient support assist handle(Folded)



Side rail switch



Angle indicator for back rest



Angle indicator for trendelenburg & Reverse trendelenburg



Weight scale with patient exit alarm function



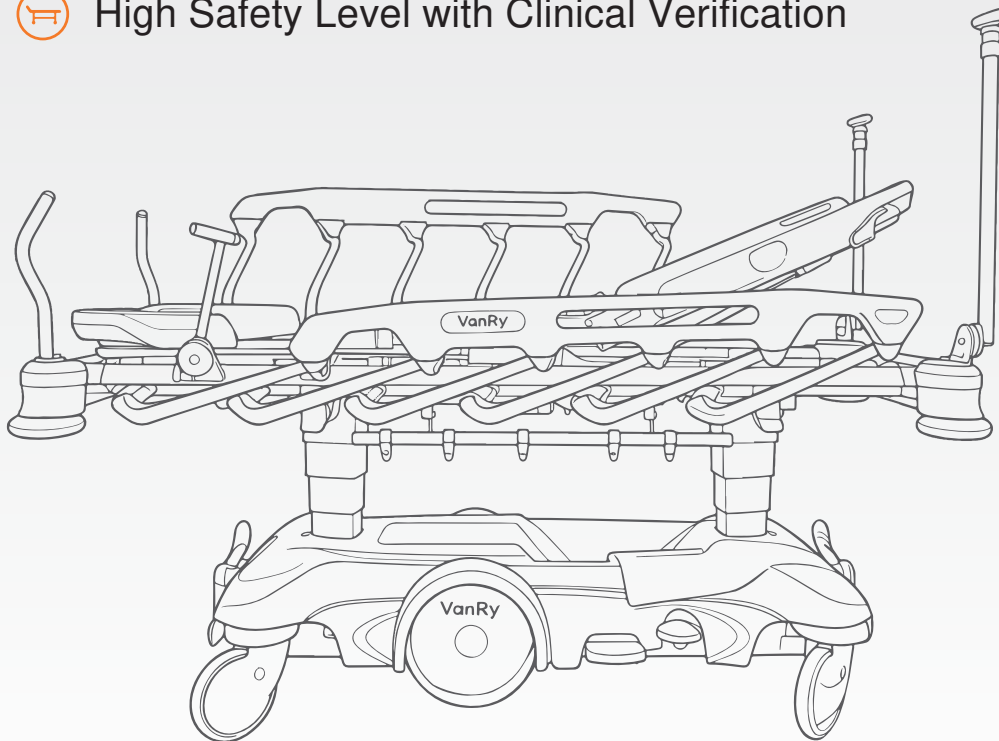
Hydraulic pump column



Collapsible handle & single hand operate IV pole

Easier Patient Transfer, More Efficient Daily Care

-  Ergonomic Operation Design
-  High-grade Eco-friendly Medical Materials
-  High Safety Level with Clinical Verification



Product Specifications

Overall Length	2160±10mm
Overall Width (Side Rails Upright)	870±10mm
Overall Width (Side Rails Folded)	800±10mm
Min. Bed Height (Floor to stretcher platform, Without Mattress)	560±10mm
Max. Bed Height (Floor to stretcher platform, Without Mattress)	880±10mm
Stretcher platform Dimension (L x W)	(1980×680) ±10mm
Waterproof Mattress Size	(2000×730×100) ±10mm
Backrest angle	0-85° (±5°)
Trendelenburg / Reverse-Trendelenburg Angle	0-16±2°
Side Rail Height (Platform surface to Rail Top)	400±10mm
Side Rail Length	1370±10mm
Gap Between Rail Posts (6 Columns)	206±10mm
Caster Diameter	200mm
Directional Caster Diameter	320mm
Adjustable IV Pole	(610-1050) ±10mm (710-1250) ±10mm
Height Safe Working Load Net	260kg
Accurate Weighing Range	0-300kg
Weighing Accuracy	±0.1kg
Weight of Bed	175±5KG
Gross Weight of Bed	235±5KG
Packing Dimension	2200×900×700mm
Packing Specification	1 set per carton
Packing Method	Polly- wooden case

01 Superior Design Upgraded User Experience

Ergonomic Operational Design

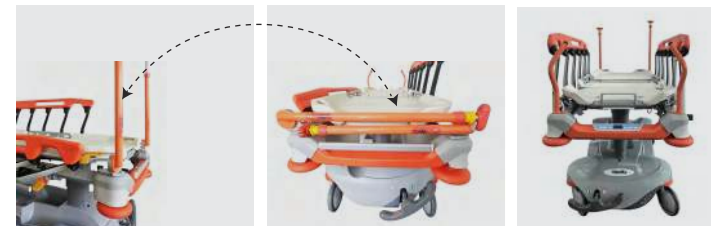
- Bed Surface** Designed to fit the human body curve. The bed surface is detachable for easy cleaning and disinfection, complying with hospital infection control requirements.
- Push Handle** Curved anti-slip design ensures comfortable and labor-saving pushing, which conforms to the operating habits of medical staff and facilitates rapid transportation and steering.
- Central Control Brake Pedal** Adopts a concave curved structure to prevent foot slipping during braking. Color-coded markings enable intuitive operation and reduce the risk of misoperation. It is also equipped with a passable directional steering system to improve stability during straight-line pushing.



- Support Handle:** When the patient gets up and leaves the bed, they can grip the support handle to gain upper limb assistance and reduce physical gravity during rising.



- IV Pole with Push Handle Function:** Medical staff can adjust the height of the push handle (IV pole) according to their own height for a more ergonomic operation. The IV pole can also be folded for storage.

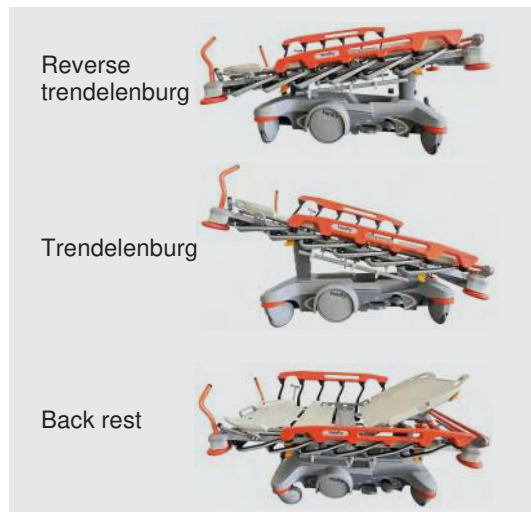


02

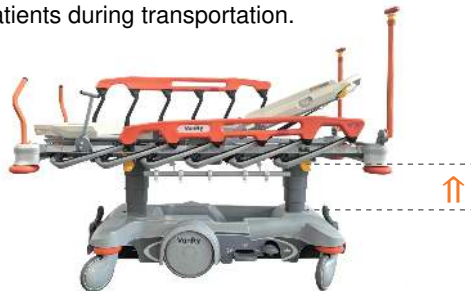
Intelligent Control Safe & Practical

Multi-position Intelligent Adjustment

- It supports various position adjustments including Trendelenburg position, reverse Trendelenburg position, backrest elevation and overall height adjustment. Suitable for emergency treatment, preoperative preparation, patient transportation, postoperative care and other scenarios to meet diverse clinical requirements.

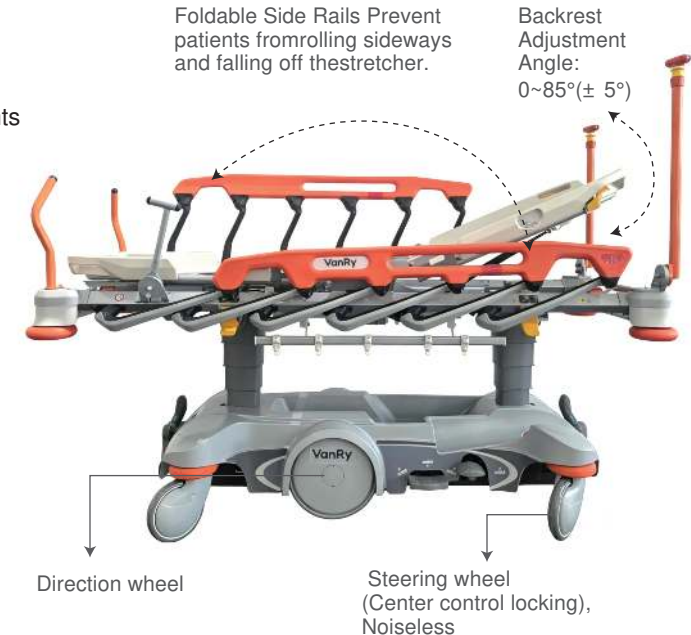


- The bed surface rises and falls smoothly without jerking, minimizing bumpiness and discomfort for patients during transportation.



Reliable Safety Protection with Thoughtful Details

- Equipped with height-adjustable side rails. When lowered, the rails are flush with the bed surface to facilitate patients getting out of bed; when raised, they deliver reliable safety protection. The side rails feature a buffer design during lifting and lowering to prevent hand pinching injuries.
- Combined with the central control braking system and universal casters, the stretcher ensures reliable braking and stable pushing during patient transfer, effectively lowering the risk of accidental sliding.
- Safety anti-collision bumpers fitted at both the head and foot ends protect the bed frame and cushion impact force during movement.



Easy to Clean & Low Maintenance

- The bed frame surface is treated with a scratch-resistant and wear-resistant coating that resists paint peeling, enabling simple and convenient daily cleaning.
- Key transmission components adopt a waterproof and dustproof design to reduce failure rates and cut down hospitals' long-term maintenance costs.



03 Medical grade Materials Sturdy & Eco-friendly

Medical-Grade Eco-Friendly Materials

- ✓ The bed surface, side rails and base housing are integrally molded from high-strength medical-grade eco-friendly materials. The materials feature flame retardancy, corrosion resistance and scratch resistance, withstand repeated wiping with common disinfectants, and are resistant to yellowing and aging.
- ✓ With excellent impact resistance and high toughness, they can endure routine collisions and heavy-duty use during patient transportation.

High-Strength Supporting Structure

- ✓ The internal support frame is constructed of thickened metal pipes paired with heavy-duty lifting cylinders, delivering excellent static load capacity. It ensures the bed remains stable without shaking during lifting and tilting operations to safeguard patient safety.
- ✓ The side rail uprights are made of high-strength synthetic materials with outstanding impact resistance and chemical corrosion resistance. Equipped with dampened slow-down devices and quick-release switches, they enable safe and convenient operation.

Light weight Design for Heavy-Duty Transfer

- ✓ While ensuring overall structural strength, the material layout and bed frame structure are optimized to achieve a lightweight design, which reduces the pushing workload of medical staff.
- ✓ With a maximum load capacity of 260kg, it addresses the poor maneuverability disadvantage of traditional heavy-duty transfer stretchers.



04

Data-display Scientific Nursing

Precision Weighing & Bed Exit Alarm System

- ④ The high-precision weighing function provides real-time patient weight data, enabling medical staff to promptly monitor weight fluctuations. This feature is particularly critical for critically ill and immobile patients.
- ④ The intelligent bed exit alarm system assists medical personnel in real-time patient supervision and enhances ward safety management.



Weight scale with patient exit alarm function

Backrest Angle Indicator

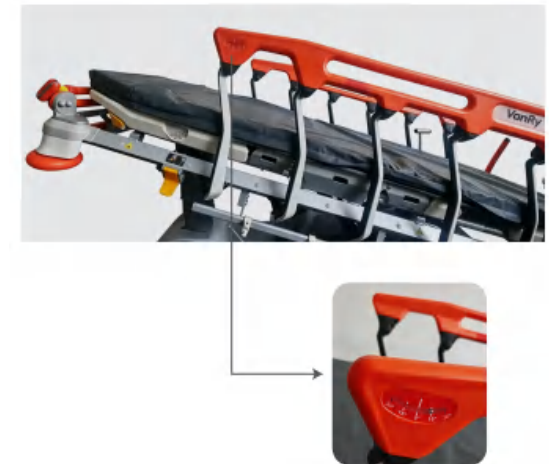
- ④ The backrest lifting function helps elevate the patient's back. Medical staff can check the angle scale in real time to adjust to the optimal comfortable body position.



Trendelenburg and reverse trendelenburg Angle Indicator

- ④ The reverse Trendelenburg position facilitates venous return of the head and neck, relieves intracranial edema, expands thoracic volume and improves ventilation. Meanwhile, it prevents aspiration of vomit, which is widely applied to patients with dyspnea, postoperative conditions and elevated intracranial pressure.

The Trendelenburg position increases venous return from the lower extremities by gravity, boosts cardiac preload, improves shock status and facilitates sputum drainage. However, this position is contraindicated for patients with craniocerebral injury to avoid further elevation of intracranial pressure. By adjusting gravitational force, these two positions regulate respiration and blood circulation to ensure patient safety during transportation.



Contoured Interlocking Mattress



Thickness: 100mm (±2mm), dimension matched to the bed surface

Main Fabric: Antibacterial polyurethane (PU); inner core made of super flexible PU foam with density of 40kg/m³ (40D), open-cell structure

Antibacterial Property: Antibacterial activity value ≥ 2.0 (corresponding to antibacterial rate $\geq 99\%$), compliant with ISO 22196. Test strains include Staphylococcus aureus, Escherichia coli, etc.

Liquid Resistance Rating: Fully liquid-proof surface, hydrostatic pressure resistance > 1000mm HO

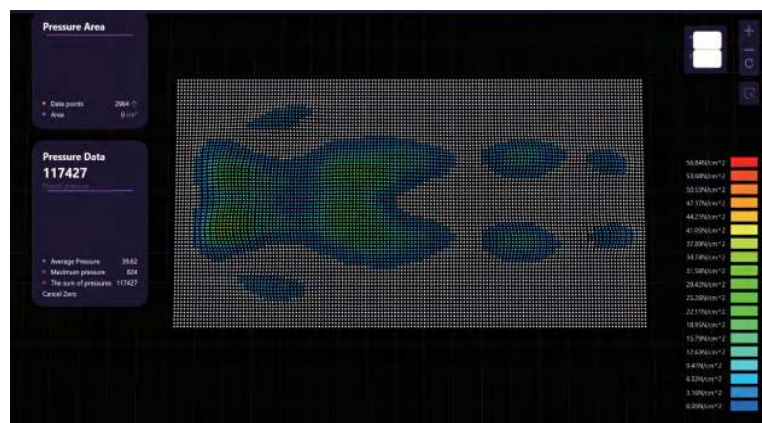
Compression Set: $\leq 8\%$ (70°C, 22h, tested in accordance with ISO 1856), no collapse under long-term pressure

Resilience: $\geq 45\%$ (ASTM D3574), delivers continuous dynamic support

Anti-slip Performance: Curved basin interlocking bottom plus high-friction surface texture; no displacement under 30° inclination

Ambient Adaptability: Operating temperature range: -10°C ~ 50°C, no hardening under abrupt ambient temperature changes

Pressure Testing



1. Contoured Stable Design

The bottom adopts a curved basin-shaped structure to achieve mechanical engagement with the transfer stretcher deck. It effectively reduces risks of patient slipping off the bed and secondary injuries during rapid pushing, sharp turns in narrow corridors or bed tilting, serving as a fundamental guarantee for safe patient transfer.

2. Fully Seamless High-Frequency Welding

Instead of traditional stitching processes, the entire mattress adopts integrated edge sealing via high-frequency welding, leaving no pinholes or stitching traces. It prevents penetration of blood, body fluids, vomit, cleaning agents and disinfectants into the inner foam core.

3. Active Antibacterial Rate Over 99% □ Advance the Line of Defense Against Infections

The fabric is incorporated with medical-grade active antibacterial groups featuring non-leaching antibacterial properties, delivering an inhibition rate of over 99% against major pathogenic bacteria causing hospital-acquired infections. In high-exposure scenarios such as emergency rescue and transitional waiting, it provides a clean contact surface for patients and reduces the environmental microbial load for medical staff.

4. 40D Ultra-Soft Skin-Friendly Inner Core, Pressure Relief Protection During Transfer

Made of 40D high-density ultra-flexible foam, it effectively disperses pressure on bony prominences during long-time transfers and waiting for examinations, alleviating discomfort and lowering the risk of pressure ulcers to deliver considerate protection for patients during temporary stays.

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