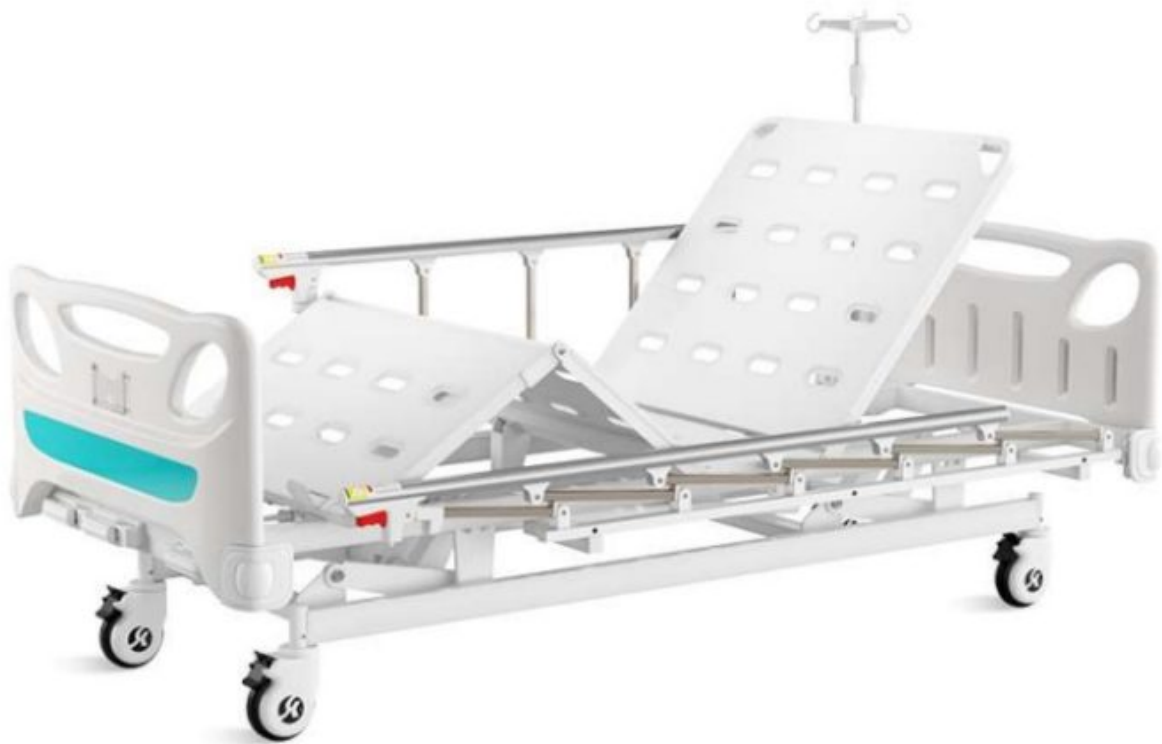




The Saikang K2K (VM-BDK2K) is a 2-function manual hospital bed operated by two retractable hand cranks controlling independent backrest adjustment (0-80°) and knee-rest adjustment (0-35°) at a fixed platform height of 505 mm. Built on a robot-welded die-punched steel platform rated to 200 kg, it includes foldable aluminium alloy side rails, detachable PP head and footboards with 60 mm protective corner bumpers, 5-inch TPR castors, a stainless steel IV pole, and injection-moulded drainage hooks. CE and ISO 13485 certified. Available from Vital Medical South Africa.

Two Independent Manual Functions — Backrest and Knee-Rest

The K2K provides backrest and knee-rest adjustment via two dedicated retractable hand cranks. The backrest raises to 80° ($\pm 10^\circ$), supporting patients in an upright seated position for eating, breathing comfort, and post-operative recovery. The knee-rest raises to 35° ($\pm 10^\circ$), preventing patient sliding

down the platform and reducing distal oedema in patients who cannot reposition independently. Each crank is retractable, folding flush against the bed frame when not in use. Both mechanisms are rated for a minimum of 100,000 uses, delivering reliable long-term mechanical performance without motors, batteries, or electrical maintenance. The K2K operates at a fixed platform height of 505 mm — making it well suited to general wards where a standardised working height is appropriate and variable height adjustment is not required, reducing both procurement cost and mechanical complexity relative to three-crank models.

Durable Frame, TPR Castors, and Ward-Ready Construction

The bed platform is constructed using stamped die-punching with a robot-welded surface, polished to a seamless, hygiene-friendly finish with no weld scars or recesses. The steel frame carries a safe working load of 200 kg. Four 5-inch covered castors are manufactured from TPR compound, rated to travel 30 km under a 120 kg load and pass through 500 obstacles without deformation — providing reliable ward mobility across years of clinical use. The anti-winding castor shell uses no external screws, reducing the risk of thread fouling from linen and debris on ward floors.

Side Rails, Head/Footboards, and Bedside Accessories

Foldable aluminium alloy guardrails with six vertical stainless steel poles and a plastic handle provide bilateral fall protection with easy single-hand operation, folding flat to permit patient transfers and lateral bed access. PP head and footboards feature integrated 60 mm barrel-type bumper wheels at the protective corners, minimising room clearance demands and protecting walls and adjacent furniture. Both boards are fully detachable for CPR access and thorough cleaning. The stainless steel IV pole includes four plastic hooks rated to 15 kg combined. Injection-moulded drainage hooks (×2) are integrated on both sides of the bed frame. Four IV pole provisions allow flexibility in pole positioning. Certified to CE, ISO 9001, ISO 13485, ISO 14001, and ISO 18001, the K2K is an economical, electricity-independent solution for general ward, frail care, and rural healthcare procurement. Available in South Africa from Vital Medical.

Technical Specifications

Specification	Value
Model	K2K (SK-C1)
SKU	VM-BDK2K
Manufacturer	Jiangsu Saikang Medical Equipment Co., Ltd.
Type	2-function manual hospital bed
Manual Functions	2 (backrest, knee-rest)
Backrest Adjustment	0–80° (±10°)
Knee-rest Adjustment	0–35° (±10°)
Platform Height	Fixed at 505 mm
External Dimensions (L × W)	2160 × 980 mm (±10 mm)
Mattress Platform	1930 × 830 mm
Safe Working Load	200 kg
Hand Cranks	2 × retractable (rated 100,000 uses)
Castors	4 × 5-inch covered, TPR material
Side Rails	Foldable aluminium alloy, 6 stainless steel poles
Head/Footboards	PP with 60 mm protective corner bumper wheels, detachable
IV Pole	Stainless steel, 4 hooks, 15 kg capacity
IV Pole Provisions	4 positions
Drainage Hooks	2 × injection-moulded
Certifications	CE, ISO 9001, ISO 13485, ISO 14001, ISO 18001

SKU: VM-BDK2K