



MANUAL HOSPITAL BEDS

Manual Hospital Beds | Crank-Adjustable Positioning Aligned with IEC 60601-2-52

A manual hospital bed gives care teams reliable, crank-controlled patient positioning without any electrical connection or battery. These adjustable beds serve hospital wards, rehabilitation units, long-term care homes, and home healthcare, where dependable operation and simple cleaning matter more than powered features.

Torontech builds each manual bed on a durable steel frame with detachable ABS and PP boards, and shapes the side rails and frame geometry to align with the safety principles of IEC 60601-2-52 for medical beds. The range runs from a straightforward three-function model to a five-function bed with Trendelenburg positioning, so you can match the bed to the level of care.

Why Choose Torontech for Your Manual Hospital Bed

Torontech supplies testing and measurement equipment to laboratories and manufacturers across North America and worldwide, backed by responsive technical support and calibration service. The manual hospital bed range is built for reliable, standards-driven results, so you can standardize on one supplier as your testing needs grow. Our team helps you match the right configuration to your samples, applicable standards, and throughput, then supports you through installation and beyond.

Request a Quote

Tell us your care setting, the positions you use most, and how often the bed moves, and we will point you to the right manual hospital bed. [Contact the Torontech team](#) for pricing, configuration help, and lead times.

APPLICATIONS

Applications

Manual hospital beds support patient care across clinical and residential settings where budget, hygiene, and straightforward operation guide the purchase.

- **General Hospital Wards:** hold patients in comfortable back and leg positions for daily treatment and routine recovery.
- **Rehabilitation Centers:** adjust posture to support therapy, mobility work, and supervised patient exercise.
- **Long-Term and Elderly Care:** provide durable, low-maintenance support for residents who stay in bed for extended periods.
- **Post-Surgical Recovery:** raise or lower the back and legs to aid healing and reduce strain on staff.
- **Emergency Departments:** use Trendelenburg positioning to help manage shock and assist certain procedures.
- **Home Healthcare:** bring professional-grade positioning into the home without wiring or power draw.
- **Nursing and Assisted Living Homes:** keep bedside access simple with drop-down or collapsible rails and braked castors.

TECHNICAL SPECIFICATIONS

Manual Hospital Bed Range

The Torontech manual bed range covers two configurations. Both share crank operation, a steel frame, and detachable boards, and they differ mainly in how many positions the crank set controls.

Three-Function Manual Hospital Bed ([ToronCare™ 1010](#))

The ToronCare™ 1010 controls three positions by crank: back-rest to 70 degrees, leg-rest to 45 degrees, and hi-low height from 530 to 730 mm. Six-column collapsible aluminum alloy rails and four 125 mm braked castors suit general wards, home

care, and nursing homes that need a dependable everyday bed. A standard I.V pole ships with each unit.

Five-Function Manual Hospital Bed ([ToronCare™ 1020](#))

The ToronCare™ 1020 adds Trendelenburg and reverse Trendelenburg to the back-rest, leg-rest, and hi-low functions, giving five crank-controlled positions with tilt up to 10 degrees each way. Gas-spring drop-down PP rails, a foot-operated brake pedal, and 150 mm castors suit rehabilitation units, post-surgical recovery, and emergency care that call for procedural positioning. It also comes with a standard I.V pole.

How to Choose the Right Manual Hospital Bed

- **For general wards and everyday home care:** choose the three-function ToronCare™ 1010 for reliable back, leg, and height adjustment at a lower cost.
- **For procedures that need tilt:** choose the five-function ToronCare™ 1020, which adds Trendelenburg and reverse Trendelenburg positioning.
- **For frequent bedside access:** the ToronCare™ 1020's gas-spring drop-down rails clear the side faster than fixed or collapsible rails.
- **For heavier daily transport:** the ToronCare™ 1020's 150 mm castors and foot-operated brake handle repeated moves with less effort.
- **For tight budgets and simple needs:** the ToronCare™ 1010 covers the core positions most long-term and assisted-living patients require.



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