

ORTHOPEDIC HOSPITAL BEDS



Orthopedic Hospital Beds

Orthopedic Hospital Beds | Built Around IEC 60601-2-52 Bed Safety Practices

Orthopedic hospital beds give orthopedic wards a manual positioning platform built around an overhead frame for traction. This range is designed around IEC 60601-2-52. That standard covers both electrically powered and manually operated medical beds. The range spans a full Balkan-frame bed for complex traction cases. It also includes a lighter trapeze-frame bed for general ward positioning.

Orthopedic surgeons, ward nurses, and rehabilitation staff use these beds. They manage patients recovering from long-bone fractures, pelvic injuries, and orthopedic surgery. Both models use hand-crank leading screws for backrest and kneerest positioning. No motor or power supply is required.

Why Choose Torontech for Your Orthopedic Hospital Beds

Torontech supplies testing and measurement equipment to laboratories and manufacturers across North America and worldwide, backed by responsive technical support and calibration service. The Orthopedic Hospital Beds 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 the type of traction your ward manages most and how many patients you support at once, and we will recommend the right bed from the range. [Contact the Torontech team](#) for pricing and lead times.

Applications

Orthopedic hospital beds support wards managing patients who need sustained limb traction or extended positioned bed rest.

- Long-Bone Fracture Management: skeletal or skin traction of the femur, tibia, or humerus to maintain alignment during healing.
- Pelvic and Hip Injury Care: overhead frame traction to reduce pelvic ring injuries and stabilize hip fractures before or after repair.
- Post-Surgical Orthopedic Recovery: independent or unified kneerest positioning to protect a repaired limb during recovery.
- Patient-Assisted Repositioning: an overhead bar lets patients sit up and shift position with less caregiver assistance.
- General Orthopedic Ward Care: manual crank positioning and individual brake castors for everyday ward workflow.

TECHNICAL SPECIFICATIONS

Orthopedic Hospital Bed Range

The range covers two configurations built for different traction and positioning needs.

Orthopedic Hospital Bed (ToronCare™ 10300)

The full-frame model in the range, built around a Balkan frame with pulleys and slings for skeletal or skin traction. Independent left and right kneerest adjustment lets one leg move freely while the other stays in traction, and Trendelenburg and anti-Trendelenburg tilt support circulation during extended bed rest. It suits complex or bilateral traction cases.

Orthopedic Traction Bed (ToronCare™ 10310)

The lighter model in the range, built around a single overhead trapeze frame that doubles as a light traction anchor point. A unified kneerest and two leading screws keep the mechanical layout simpler than the full-frame bed. It suits general ward positioning and single-limb traction cases.

How to Choose the Right Orthopedic Hospital Bed

- For bilateral or complex traction cases: choose the Orthopedic Hospital Bed (ToronCare™ 10300) for its independent kneerests and Balkan frame.
- For general ward care with light, single-limb traction: choose the Orthopedic Traction Bed (ToronCare™ 10310) for its simpler trapeze frame.
- For patients working on independent repositioning: choose the ToronCare™ 10310 for its trapeze bar and lighter mechanical layout.



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