



TORONTECH

TRANSFER STRETCHER (HYDRAULIC) — TORONCARE™ 1150



Hydraulic Transfer Stretcher

ToronCare™ 1150 is a full-featured hydraulic transfer stretcher that brings powered height adjustment and advanced patient positioning to the hospital stretcher bed category, making it one of the most versatile medical stretcher transport platforms available for U.S. and Canadian acute care facilities. Featuring a double hydraulic system operated by foot pedals on both sides, the ToronCare™ 1150 allows effortless, single-operator height and tilt adjustment without manual cranking — a critical ergonomic advantage in high-volume emergency and surgical environments.

The ToronCare™ 1150 provides a comprehensive range of patient positions through its hydraulic system: backrest articulation from 0° to 85°, Trendelenburg and reverse Trendelenburg tilt from 0° to 12°, and a full height range from 813 to 500 mm (bed board to ground). Gas-spring-controlled damping PP retractable side railings retract flush under the bed board, enabling seamless connection with operating tables, hospital beds, or procedure platforms for direct, no-lift lateral patient transfer — a key capability for operating room-adjacent stretcher hospital applications.

Foldable stainless steel side rails with a radiolucent bed board enable X-ray imaging directly on the stretcher without patient transfer, saving clinical time and reducing patient handling risk. At 82 kg net weight, the ToronCare™ 1150 is engineered for daily high-frequency use as both a general hospital emergency stretcher and a precision O.R.-adjacent transfer stretcher hospital bed.

APPLICATIONS

Transfer Stretcher (Hydraulic) — ToronCare™ 1150 Applications

- Emergency department hospital emergency stretcher use requiring fast, powered height adjustment without manual cranking
- Operating room patient transfer with seamless docking to O.R. tables via retractable side rail system

- Radiology and imaging departments where a radiolucent bed board enables X-ray or fluoroscopy on the stretcher bed in hospital without patient transfer
- Pre-operative and post-operative patient transport requiring Trendelenburg positioning capability
- ICU and critical care stretcher transportation where frequent height adjustment by different-height caregivers requires effortless hydraulic operation
- Ambulatory surgery centers requiring a versatile hospital stretcher that replaces both a transport stretcher and a procedure platform
- High-throughput facilities upgrading from manual to hydraulic hospital stretcher bed systems



FEATURES

Transfer Stretcher (Hydraulic) — ToronCare™ 1150 Key Features



- Double hydraulic system: foot-pedal height and tilt adjustment operable from both sides of the stretcher — no manual cranking required
- Full height range: 813 – 500 mm (bed board to ground) via hydraulic foot-pedal control
- Trendelenburg / reverse Trendelenburg tilt: 0° to 12°
- Backrest articulation: 0° to 85°
- Gas-spring-controlled damping PP retractable side railings: retract flush under bed board for seamless docking and direct lateral patient transfer
- Radiolucent bed board: enables X-ray imaging on the stretcher without patient transfer
- Foldable stainless steel side rails for patient safety and unobstructed imaging access
- Central-lockable 360° swivel castors (Dia. 150 mm): single-pedal all-wheel simultaneous locking
- Retractable 5th directional wheel for precise steering during stretcher transportation in hospital corridors
- Clear arrow symbols on all controls for intuitive operation

- Net weight: 82 kg
- Standard accessories: mattress, IV pole

THEORY & METHOD

Theory and Method

The ToronCare™ 1150 uses a double hydraulic system with foot pedals accessible on both sides of the stretcher. Stepping on the appropriate pedal activates the hydraulic pump, raising or lowering the scissor-lift frame smoothly across the full 813 to 500 mm height range. Bilateral pedal access ensures any caregiver can adjust height without walking around the stretcher, significantly reducing repositioning time during busy stretcher transport workflows. The Trendelenburg and reverse Trendelenburg tilt function (0° to 12°) is also hydraulically driven, tilting the entire bed platform head-down or feet-down as required for circulatory management, anti-shock positioning, or surgical access. The backrest articulates independently from 0° to 85° via its own mechanism, allowing the upper body to be elevated while maintaining the bed platform position.

The gas-spring-controlled retractable PP side railings compress and retract flush under the bed board surface when the stretcher is docked against an operating table or hospital bed, enabling the patient to slide laterally with no step or gap at the transfer interface. When undocked, the gas spring returns the railings to the upright patient-safety position automatically. The central-lock 360° castors (Dia. 150 mm) and retractable 5th directional wheel provide full mobility control during stretcher transportation.

TECHNICAL SPECIFICATIONS

Transfer Stretcher (Hydraulic) — ToronCare™ 1150 Technical Specifications

Parameter	Specification
Model	ToronCare™ 1150
Type	Hydraulic Transfer Stretcher
Overall Dimension	1900 × 743 mm (L × W)
Height Range (Bed Board to Ground)	813 – 500 mm
Bed Board Dimension	1906 × 510 mm (L × W)
Backrest Angle	0° – 85°
Trendelenburg / Reverse Trend.	0° – 12°
Height Adjustment	Double hydraulic system, foot-pedal (both sides)
Side Rails	Damping PP, gas-spring controlled retractable; foldable stainless steel
Bed Board	Radiolucent — X-ray imaging capable
Castor Diameter	150 mm, central-lockable 360° swivel
5th Wheel	Retractable, directional control
Net Weight	82 kg
Standard Accessories	Mattress, IV pole



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