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HYDRAULIC TRANSFER STRETCHER — TORONCARE™ 1180

Hydraulic Transfer Stretcher

ToronCare™ 1180 is a premium dual-hydraulic transfer stretcher that delivers six-function positioning capability through a sophisticated combination of hydraulic cylinders, gas springs, and a manual crank — providing clinical-grade patient positioning performance in one of the most feature-complete hospital stretcher bed platforms in the ToronCare™ range.

Engineered for U.S. and Canadian acute care and surgical environments requiring the flexibility of a hospital stretcher bed that handles transport, examination, and procedure preparation on a single platform, the ToronCare™ 1180 combines double hydraulic height adjustment (860 to 630 mm, bed board to ground), backrest articulation (0° to 85°), knee gatch (0° to 30°), and Trendelenburg / reverse Trendelenburg tilt (0° to 13°). Two sets of push handles at both the head and foot sides allow two-caregiver-assisted stretcher transportation, reducing staff musculoskeletal risk during long-distance hospital stretcher transport.

The radiolucent bed board and foldable stainless steel side rails enable X-ray imaging directly on the stretcher without patient transfer — a key workflow advantage in emergency and radiology departments. An optional 200 mm castor configuration adjusts the height range to 910 to 680 mm for facilities requiring higher-platform compatibility. At 105 kg net weight, the ToronCare™ 1180 represents a robust, long-service-life hydraulic hospital emergency stretcher for daily high-frequency use.

APPLICATIONS

Hydraulic Transfer Stretcher — ToronCare™ 1180 Applications

- General intra-hospital stretcher transport across all departments with powered hydraulic height adjustment
- Emergency department hospital emergency stretcher use requiring multiple simultaneous positioning functions
- Radiology and fluoroscopy suites where radiolucent design enables X-ray on the stretcher bed in hospital
- Operating room pre/post-operative transport requiring Trendelenburg and backrest positioning

- Examination and consultation rooms where the stretcher hospital bed must function as both transport platform and examination table
- Two-caregiver stretcher transportation in bariatric or complex patient transport scenarios
- Facilities requiring a six-function hydraulic hospital stretcher without the cost and weight of a fully electric system

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FEATURES

Hydraulic Transfer Stretcher — ToronCare™ 1180 Key Features

- Double hydraulic system: powered height adjustment with foot-pedal control, supplemented by manual crank for secondary adjustment
- Six positioning functions: height, backrest (0°–85°), knee gatch (0°–30°), Trendelenburg/Rev. Trend. (0°–13°)
- Full height range: 860 – 630 mm (bed board to ground); optional Dia. 200 mm castors extend to 910 – 680 mm
- Two sets of push handles at head and foot sides: two-caregiver stretcher transportation support
- Radiolucent bed board: X-ray / fluoroscopy 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 standard; 200 mm optional)
- Retractable 5th directional wheel for precise steering during long-distance stretcher transportation
- Net weight: 105 kg — robust and durable for daily high-acuity hospital stretcher use
- Standard accessory: IV pole

THEORY & METHOD

Theory and Method

The ToronCare™ 1180 uses a double hydraulic system for primary height adjustment. Two independent hydraulic cylinders provide stable, parallel elevation of the bed platform across the full 860 to 630 mm range (bed board to ground). Foot pedals at both sides activate the hydraulic pump, while a manual crank provides a secondary height adjustment mechanism for fine-tuning or use in the event of hydraulic pressure loss.

Backrest articulation (0° to 85°) and knee gatch (0° to 30°) are driven by gas springs — requiring minimal caregiver force to operate while delivering smooth, proportionally controlled motion. The Trendelenburg / reverse Trendelenburg tilt (0° to 13°) is hydraulically driven for reliable, repeatable positioning during clinical procedures and stretcher transportation. The foldable stainless steel side rails retract to expose the radiolucent bed board surface for X-ray or fluoroscopy imaging without patient movement.

Two sets of push handles — at both the head and foot ends of the stretcher — allow caregiver pairs to share the physical load of medical stretcher transport in long corridors, ramps, and constrained spaces. Central-lock 360° castors (Dia. 150 mm) with a retractable 5th directional wheel provide complete mobility management, while the optional 200 mm castor upgrade extends the operational height range to 910 to 680 mm.

TECHNICAL SPECIFICATIONS

Hydraulic Transfer Stretcher — ToronCare™ 1180 Technical Specifications

Parameter	Specification
Model	ToronCare™ 1180
Type	Hydraulic Transfer Stretcher
Overall Dimension	2060 × 745 mm (L × W)

Parameter	Specification
Height Range (Bed Board to Ground)	860 – 630 mm
Castor Option (200 mm)	Height range: 910 – 680 mm
Bed Board Dimension	1902 × 630 mm (L × W)
Backrest Angle	0° – 85°
Knee Gatch	0° – 30°
Trendelenburg / Rev. Trendelenburg	0° – 13°
Height Adjustment	Double hydraulic (foot-pedal) + manual crank
Side Rails	Foldable stainless steel
Bed Board	Radiolucent — X-ray imaging capable
Push Handles	2 sets — head and foot sides
Castor Diameter	150 mm standard (200 mm optional), central-lockable 360° swivel
5th Wheel	Retractable, directional control
Net Weight	105 kg
Standard Accessories	IV pole

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