

TRANSFER STRETCHER (ELECTRIC) — TORONCARE™ 1180 E



Electric Transfer Stretcher

ToronCare™ 1180 E is a fully electric transfer stretcher representing the most technologically advanced hospital stretcher platform in the ToronCare™ range. Combining electric motor drives with gas-spring-assisted function adjustments, the 1180 E delivers effortless, one-touch patient positioning across six independent axes — height, backrest, knee gatch, Trendelenburg/reverse Trendelenburg, and chair position — making it the definitive hospital emergency stretcher for high-acuity, high-throughput U.S. and Canadian clinical environments.

All primary functions are controlled by electric motors and gas springs working in concert: the backrest and knee gatch functions are achieved via gas spring, while height and Trendelenburg/reverse Trendelenburg adjustments are electrically driven. Foot pedals at both the head and foot sides of the stretcher provide secondary height and tilt adjustment access, ensuring operational continuity even in high-demand situations. Four corner bumpers protect the stretcher and surrounding environment during stretcher transportation in confined hospital corridors, while push handles at the end of the bed enable two-caregiver-assisted stretcher transport in narrow spaces.

The radiolucent bed board enables X-ray imaging directly on the stretcher without patient transfer — critical in emergency and trauma workflows. Foldable side rails provide patient safety during medical stretcher transport while enabling rapid patient access for clinical interventions. Central-lockable 360° swivel castors (Dia. 200 mm) with a retractable 5th directional wheel provide full mobility control. An optional weighing scale accessory is available for patient weight monitoring without transfer. At 140 kg, the ToronCare™ 1180 E is the feature-complete electric hospital stretcher bed for U.S. and Canadian acute care facilities.

APPLICATIONS

Transfer Stretcher (Electric) — ToronCare™ 1180 E Applications

- Level-1 trauma centers and emergency departments requiring fully electric, one-touch patient positioning during hospital emergency stretcher use
- High-acuity ICU and critical care stretcher transport where caregiver effort must be minimized during patient handling
- Radiology and interventional suite stretcher bed in hospital use with X-ray-on-stretcher capability
- Bariatric patient stretcher transportation where manual positioning effort is not clinically safe
- Surgical suites requiring chair-position, knee gatch, and Trendelenburg in a single electric hospital stretcher
- Facilities requiring in-place patient weight monitoring via optional weighing scale — eliminating separate weighing transfers
- Any acute care environment standardizing on a fully electric hospital stretcher hospital platform for all-department use



FEATURES

Transfer Stretcher (Electric) — ToronCare™ 1180 E Key Features



- Fully electric drive: motor-driven height adjustment and Trendelenburg/reverse Trendelenburg — one-touch operation from foot pedals at head and foot sides
- Gas-spring backrest (0°–70°) and knee gatch (0°–40°): fast, low-force articulation
- Chair-position function: coordinated backrest and knee gatch for seated patient posture without transfer
- Trendelenburg / reverse Trendelenburg: 0° to 12° electric
- Height range: 790 – 565 mm (bed board to ground)
- Radiolucent bed board: full-body X-ray imaging on the stretcher in hospital without patient transfer
- Foldable side rails: patient safety during stretcher transport with rapid drop-down for clinical access
- Push handles at foot end: double as IV pole holders for combined stretcher transport and infusion management
- Four corner bumpers: wall and frame protection during stretcher transportation in confined corridors
- Central-lockable 360° swivel castors (Dia. 200 mm): brake pedals at head and foot sides

- Retractable 5th directional wheel for straight-line steering in hospital corridors
- Optional weighing scale: in-place patient weight monitoring without transfer
- Net weight: 140 kg
- Standard accessories: 2 × IV poles (each with 2 foldable hooks), usable as push handles

THEORY & METHOD

Theory and Method

The ToronCare™ 1180 E integrates electric motors with gas-spring mechanisms to achieve smooth, proportionally controlled motion across all positioning axes. Electric motor drives handle height adjustment (790 to 565 mm, bed board to ground) and Trendelenburg / reverse Trendelenburg tilt (0° to 12°), delivering precise, repeatable positioning via electronic control. The backrest (0° to 70°) and knee gatch (0° to 40°) functions are driven by gas springs, providing fast and low-force articulation that can be activated with minimal caregiver effort.

The chair-position function coordinates backrest and knee gatch movements to convert the stretcher into a semi-seated chair position, enabling the patient to sit up for examination, recovery, or oral intake without being transferred to a separate seating surface. This reduces the total number of patient handling events in a clinical episode.

Push handles at the end of the bed — which can also function as IV pole holders — allow two caregivers to share the physical load of stretcher transportation in corridors, ramps, and elevator lobbies. Brake pedals at both the head and foot sides of the stretcher immobilize the castors independently of height and position, while the retractable 5th directional wheel improves straight-line tracking during long-distance stretcher transportation.

TECHNICAL SPECIFICATIONS

Transfer Stretcher (Electric) — ToronCare™ 1180 E Technical Specifications

Parameter	Specification
Model	ToronCare™ 1180 E
Type	Electric Transfer Stretcher
Overall Dimension	2175 × 785 mm (L × W)
Height Range (Bed Board to Ground)	790 – 565 mm
Bed Board Dimension	1990 × 630 mm (L × W)
Backrest Angle	0° – 70° (gas-spring)
Knee Gatch	0° – 40°
Trendelenburg / Rev. Trendelenburg	0° – 12° (electric)
Chair Position	Yes
Height Adjustment	Electric motor, foot-pedal (head and foot sides)
Side Rails	Foldable stainless steel
Bed Board	Radiolucent — X-ray imaging capable
Corner Bumpers	4× corner bumpers
Castor Diameter	200 mm, central-lockable 360° swivel
5th Wheel	Retractable, directional control
Push Handles / IV Poles	2 × IV poles (2 foldable hooks each), double as push handles
Optional Accessory	Weighing scale

Parameter	Specification
Net Weight	140 kg



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