



TORONTECH

HYDRAULIC TRANSFER STRETCHER (ADVANCED) — TORONCARE™ 1180 A



Hydraulic Transfer Stretcher

ToronCare™ 1180 A is the top-specification hydraulic transfer stretcher in the ToronCare™ range, delivering six fully independent positioning functions — including chair position — through a medical-grade hydraulic system, gas spring, and manual crank combination. Designed for the most demanding clinical environments in U.S. and Canadian hospitals, the ToronCare™ 1180 A provides the functional breadth of a procedure table with the mobility of a hospital stretcher, bridging the gap between stretcher hospital transport and clinical procedure support on a single platform.

The 1180 A provides backrest articulation (0° to 85°), knee gatch (0° to 55°), Trendelenburg / reverse Trendelenburg tilt (0° to 12°), and a chair-position configuration — all adjustable from bilateral controls accessible on both sides of the stretcher. The height range of 885 to 660 mm (bed board to ground) is achieved via a double hydraulic system supplemented by manual crank, with an optional 150 mm castor configuration adjusting the range to 855 to 630 mm for lower-height receiving surfaces.

The radiolucent bed board enables full X-ray imaging on the stretcher in hospital without patient transfer, and two sets of push handles at both the head and foot ends support two-caregiver medical stretcher transport in bariatric, long-distance, or complex patient transport scenarios. At 130 kg, the ToronCare™ 1180 A is a premium, long-service-life hospital emergency stretcher engineered for daily use in high-acuity U.S. and Canadian healthcare settings.

APPLICATIONS

Hydraulic Transfer Stretcher (Advanced) — ToronCare™ 1180 A Applications

- High-acuity emergency and trauma departments requiring the most complete hydraulic hospital emergency stretcher positioning capability

- Surgical pre/post-operative patient transport with full Trendelenburg, knee gatch, and chair-position capability on a single hospital stretcher
- Radiology and interventional procedure suites where X-ray on stretcher eliminates transfer steps
- Bariatric patient medical stretcher transport requiring two-caregiver push-handle assistance and hydraulic-assisted positioning
- Recovery and PACU environments where chair position supports post-operative patient comfort during stretcher transport and recovery
- Examination and consultation workflows where the stretcher hospital bed replaces a separate examination table
- Facilities standardizing on a single premium hospital stretcher bed platform that handles all stretcher transport and clinical positioning needs



FEATURES

Hydraulic Transfer Stretcher (Advanced) – ToronCare™ 1180 A Key Features



- Six positioning functions: height, backrest (0°–85°), knee gatch (0°–55°), Trendelenburg/Rev. Trend. (0°–12°), chair position
- Widest knee gatch range in the ToronCare™ hydraulic series: 0°–55° for deep flexion positioning
- Chair-position function: coordinated backrest and knee gatch for seated patient posture without transfer
- Double hydraulic height adjustment: 885–660 mm (bed board to ground); optional 150 mm castors: 855–630 mm
- Secondary manual crank height adjustment for fine-tuning and backup
- 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 full imaging access
- Central-lockable 360° swivel castors (Dia. 200 mm standard; 150 mm optional)
- Retractable 5th directional wheel for straight-line steering in hospital corridors
- Net weight: 130 kg

- Standard accessory: IV pole

THEORY & METHOD

Theory and Method

The ToronCare™ 1180 A uses the same double hydraulic + gas spring + manual crank architecture as the ToronCare™ 1180, with expanded positioning range and the addition of chair-position capability. Height adjustment (885 to 660 mm, bed board to ground) is achieved via hydraulic foot pedals with manual crank backup. An optional 150 mm castor configuration brings the range to 855 to 630 mm.

Backrest articulation (0° to 85°) and knee gatch (0° to 55°) are driven by gas springs — faster and more responsive than hydraulic articulation alone, requiring minimal force to achieve full range of motion. The knee gatch range of 55° is the widest in the ToronCare™ hydraulic series, enabling deep knee flexion positioning for recovery, examination, or procedure support. The chair-position function synchronizes backrest and knee gatch to create a seated posture, enabling patients to be examined, eat, or recover in a near-vertical upper-body position without any patient transfer.

Trendelenburg / reverse Trendelenburg (0° to 12°) is hydraulically driven. Two sets of push handles — at both the head and foot sides of the stretcher — allow two caregivers to share the physical load of stretcher transportation over long distances or on inclined surfaces. Radiolucent bed board construction enables full diagnostic imaging on the stretcher bed in hospital, reducing patient handling in imaging-dependent care pathways.

TECHNICAL SPECIFICATIONS

Hydraulic Transfer Stretcher (Advanced) — ToronCare™ 1180 A Technical Specifications

Parameter	Specification
Model	ToronCare™ 1180 A
Type	Hydraulic Transfer Stretcher
Overall Dimension	2140 × 880 mm (L × W)
Height Range (Bed Board to Ground)	885 – 660 mm
Castor Option (150 mm)	Height range: 855 – 630 mm (bed surface to ground)
Bed Board Dimension	1902 × 700 mm (L × W)
Backrest Angle	0° – 85°
Knee Gatch	0° – 55°
Trendelenburg / Rev. Trendelenburg	0° – 12°
Chair Position	Yes
Height Adjustment	Double hydraulic (foot-pedal both sides) + manual crank
Side Rails	Foldable stainless steel
Bed Board	Radiolucent — X-ray imaging capable
Push Handles	2 sets — head and foot sides
Castor Diameter	200 mm standard (150 mm optional), central-lockable 360° swivel
5th Wheel	Retractable, directional control
Net Weight	130 kg

Parameter	Specification
Standard Accessories	IV pole



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

