Trios®
Simplified adjustability and positioning
The Trios® Surgical Table System brings enhanced functionality to the original spinal platform used worldwide. Designed to meet the demands of today’s surgical needs, the Trios Spine and Imaging Tops are equipped to support patient weight up to 650 pounds (295 kg) while remaining fully radiolucent. Featuring powered floor locks, a unique table top mounting interface, and a streamlined 180 degree rotation mechanism, Trios brings efficiency and ease of use to the operating room.

In addition to its Spine and Imaging Tops, Trios is equipped with the option of an Orthopedic Trauma Top designed to hold and position patients undergoing orthopedic surgical procedures. Featuring a wide variety of components, the Trios Orthopedic Trauma Top offers both skin and skeletal traction, a moveable traction arc, multiple leg support options, and pelvic support options for both supine and lateral decubitus positions.

With a focus on enhanced safety and precision, Trios offers a distinct user interface designed to complement the operating room workflow. This modern system features a table platform known for its customizable patient positioning for spine, imaging, and orthopedic trauma procedures. Trios brings a new confidence and control to a system created with the needs of both the user and patient in mind.
Trios® Surgical Table System

1. Spine Table Top
2. Radiolucent Imaging Table Top
3. Orthopedic Trauma Table Top
Advanced Simplicity and Positioning
The Trios two-column table base with interchangeable table tops creates the flexibility needed to support a variety of spine and imaging procedures. The open frame design of the spinal top provides the foundation for optimal prone positioning, while the versatility of the radiolucent imaging top allows for the desired supine or lateral set-up. Trios provides a sophisticated platform based on 25 years of industry leading performance.

**Procedures Supported**
- Laminectomies
- Decompressions
- Osteotomies
- Anterior / Posterior Fusions
- Surgical Correction of Deformities
- Anterior / Posterior Cervical
- Kyphoplasties
- Vertebroplasties
- IDET Surgeries
- Vascular Surgery
- Joint Imaging
- Pain Management

**Propane Positioning Benefits**
- Improves surgical access and visualization at surgical site
- Reduces vena caval compression
- Minimizes epidural venous bleeding
- Provides customizable pad and component placement to meet individual patient needs
Adaptable Positioning and Traction
The Trios Orthopedic Trauma Top provides a comprehensive, orthopedic table system for adaptable patient positioning while providing skin or skeletal traction during key trauma procedures. The table’s versatility and unique composite top enhance radiography for extremity imaging by providing maximized radiolucency at any angle. The Traction Arc’s design allows for anatomically correct traction for the various procedures supported.

**Procedures Supported**
- Hip Pinning
- Supine IM Femoral Nailing
- Lateral IM Femoral Nailing
- IM Tibial Nailing
- Ender Pinning

**Modernized Table Top and Traction Arc Attachment**
- New Table Top mounting assembly connection ensures secure attachment to the Base’s crossbar
- Simplified lower-and-lock Table Top mounting assembly decreases installation steps
- Integrated Traction Arc installation/removal guide on the IntelliPendant assists with setup

**Secure and Flexible**
- Traction Arc provides constant traction on patient’s leg for adduction/abduction
- Arc attachment supports multiple components for either skin or skeletal traction
- Multiple options to leg spar on operative side accommodate various setups

500 lbs. weight capacity (227 kg)
Enhanced Control and Adjustment

Tower and Ratchet System

The Tower and Ratchet system is a unique component that provides the adjustment and customization desired to properly position the table top. This simple and secure design offers users an easy-to-use setup process designed to improve the operating room workflow.

Secure Table Top Attachment

- New connection interface eliminates risk of misuse that could result in table top dropping
- Each tower easily fastens to the Base’s crossbar to allow the table top to be attached
- Simple table top hook connection ensures secure attachment to the towers
- Adjustment of table top’s position relative to the cross bar is readily achieved using tower’s unique ratchet mechanism
- Table top position can be adjusted before and after patient transfer
Simple and Safe

180° Rotation Handle
Simplified execution for 180° rotation controlled by a one handle unlocking system with a built-in safety mechanism that requires two-staged action to release the lock. Trios also features indicator lights at the head-end and foot-end of the table alerting the user of table’s unlocked state.

180° Degree Patient Rotation
- Facilitates safe and efficient rotations from supine to prone
- Enables completion of anterior/posterior procedures without use of additional tables
Features

A. IntelliPendant® and Auxiliary Panel

- Display provides real-time information on table's height, lateral tilt and Trendelenburg position
- Pendant is equipped with two programmable memory positions
- Auxiliary Panel provides secondary source for controlling table motion

B. Powered Floor Locks

- One-touch engagement of floor locks using either the Hand Pendant or Auxiliary Panel
- Built-in safety mechanism prevents table from operating without floor locks engaged

C. Carbon Fiber Construction

- Provides complete radiolucency
- Supports unrestricted C-arm and O-arm® integration
- Allows anterior/posterior, lateral and oblique views intraoperatively

D. Advanced Control Pad System™ (ACP)

- Optional built-in system automatically stimulates pressure points on hips and thighs
- Available for individual ACP hip and thigh pads and contoured ACP hip pads
- Choice of two oscillating cycles

E. Tempur-Pedic® Medical Pad Technology

- Tempur-Pedic Medical technology for all patient surfaces for supine and prone positioning
- Evenly distributes pressure load on patient during surgery
- Contours to patient anatomy, providing improved support
- Enhances patient comfort
### Specifications

#### Trios Base
- **Crossbar to Floor Height**: 33 in. (84 cm) – 51 in. (129 cm)
- **Table Top to Floor Height**: 22 in. (56 cm) – 46 in. (117 cm)
- **Trendelenburg / Reverse Trendelenburg**: 10°
- **Lateral Tilt**: 25°
- **Base Width**: 32 in. (81 cm)
- **Base Length**: 110 in. (279 cm)
- **Retracted Base Length**: 68 in. (173 cm)

#### Trios Spinal Surgery Top
- **Table Top Length**: 84 in. (213 cm)
- **Table Top Width**: 17 in. (43 cm)
- **Patient Weight Capacity**: 650 lbs. (295 kg)

#### Trios Radiolucent Imaging Top
- **Table Top Length**: 84 in. (213 cm)
- **Table Top Width**: 21.5 in. (55 cm)
- **Patient Weight Capacity**: 650 lbs. (295 kg)

#### Trios Orthopedic Trauma Top
- **Table Top Length**: 84 in. (213 cm)
- **Table Top Width**: 21.5 in. (55 cm)
- **Patient Weight Capacity**: 500 lbs. (227 kg)

### Standard Components

#### Trios Spinal Surgery Top
- Towers (2)
- Spine Frame
- ProneView® Helmet and Mirror Platform
- Face Plate
- Tempur-Pedic® Medical Chest Pad
- 5-Way Articulating Arm Board with Bracket (2)
- Leg Board with 1 in. (2.5 cm) Tempur-Pedic® Medical Pad (2)
- Adjustable Leg Sling
- Buttocks Strap
- 60 in. (152 cm) Safety Strap
- 90 in. (229 cm) Safety Strap (4)
- Cervical Traction Vector
- Table Top Cover

#### Trios Radiolucent Imaging Top
- Towers (2)
- Radiolucent Imaging Platform
- 2 in. (5 cm) Tempur-Pedic® Medical Pad
- Supine Top Safety Strap
- 60 in. (152 cm) Safety Strap
- 6 in. (15 cm) Side Rail Adapter (2)
- Table Top Cover

#### Trios Orthopedic Trauma Top
- Orthopedic Table Top
- Traction Arc with Cart
- Patient Transfer Board
- Traction Unit Upright (2)
- Traction Extension (3)
- Traction Unit (2)
- Traction Boot (pairs), Small and Large
- Traction Foot Plate (2)
- Soft Traction Boot (pairs), Small and Large
- 90° Pin & Wire Holder
- Kirschner Bow Holder
- G.M. Board, Right and Left
- Center Support Board
- Perineal Post, Child & Adult
- Lateral Ilium and Perineal Post
- Tibia Counter-Traction Post and Support Upright
- Well Leg Support & Swing Arm
- Tibia Well Leg Support
- Radiolucent Auxiliary Leg Spar
- Leg Spar Upright
- Leg Board
- Lower Leg Support
- Tibia Traction Upright
- Accessory Clamp (2)
- Safety Strap (2)
- Patient Isolation Drape Hanger Posts and Rods
- Universal Side Rail Adapter (2)
- Table Top Cover

### Ordering Information

#### Trios Base
- 7803 or 7803AP (contains ACP)
  - 100-240 VAC, 50/60 Hz

#### Trios Spinal Surgery Top
- 7943
  - Hip & Thigh Pad Set Options:
    - 7996 ACP Tempur-Pedic® 8-Piece Pad Set
    - 6957 Non-ACP Tempur-Pedic® 8-Piece Pad Set
    - 5997 ACP Tempur-Pedic® Combination Hip/Thigh Pad Set
    - 5939 Non-ACP Tempur-Pedic® Combination Hip/Thigh Pad Set

#### Hip & Thigh Pad Set Options:
- 7943

#### Trios Radiolucent Imaging Top
- 7927

#### Trios Orthopedic Trauma Top
- 7855