



# EVOLUTION

Surgical procedures have evolved...



So have we.

ELECTRO-HYDRAULIC SURGICAL TABLE

V800 Series

# AESTHETICS TECHNOLOGY ERGONOMICS MATERIAL

## Versatility Comfort Intelligence Reliability


The V800 series sets a new precedent in its achievement of an innovative, compact design while maintaining enough clinical versatility to accommodate surgical procedures in nearly all fields, including urology, neurology, orthopedics and cardiology.

Designed to simplify patient positioning, the table also features a notably sturdy and low-profile base, ensuring surgeon comfort, thus reducing fatigue during long procedures.

The ergonomic hand pendant is backlit, facilitating its operation during endoscopic surgery.

The intelligent design of the table provides benefits such as remarkable C-arm access, self diagnosis with instant error code display and the prevention of sectional conflict.

In addition to the durable, rust-free components, the T800 also incorporates several fail-safe functions to ensure its continuous operation.

MODELS	FLOOR LOCK	TABLETOP SLIDE	KIDNEY ELEVATOR	LOW-PROFILE
V800LSK	O	O	O	"N" option 55 ~100cm table height  MODERN TECH ASSOCIATES
V800LS	O	O	--	
V800LK	O	--	O	
V800L	O	--	--	
V800SK	--	O	O	
V800S	--	O	--	
V800K	--	--	O	
V800	--	--	--	







MATERIAL

AESTHETICS

ERGONOMICS

TECHNOLOGY

# VERSATILE, EASY-TO-USE & INNOVATIVE

## 800 lb (363 kg) Patient Weight Rating

Superior weight capacity throughout all articulations.

## 12.2" (31cm) Longitudinal Slide

12.2" Longitudinal Slide with slim central column and low-profile base facilitate maximum C-arm access.

## Pressure Relief Mattresses

The weld-seam mattresses, which are watertight, flame-retardant, antistatic and antibacterial, disperse pressure thus preventing patient bedsores. The 6 cm thick mattress gives the best balance between patient protection and X-ray attenuation for protecting the health of surgical team when using a C-arm.

## Kidney Elevator

Made of carbon fiber for X-ray translucency, the kidney elevator is manually operated with a built-in ratchet wrench so that pressure on the patient can be monitored.

## USB Port

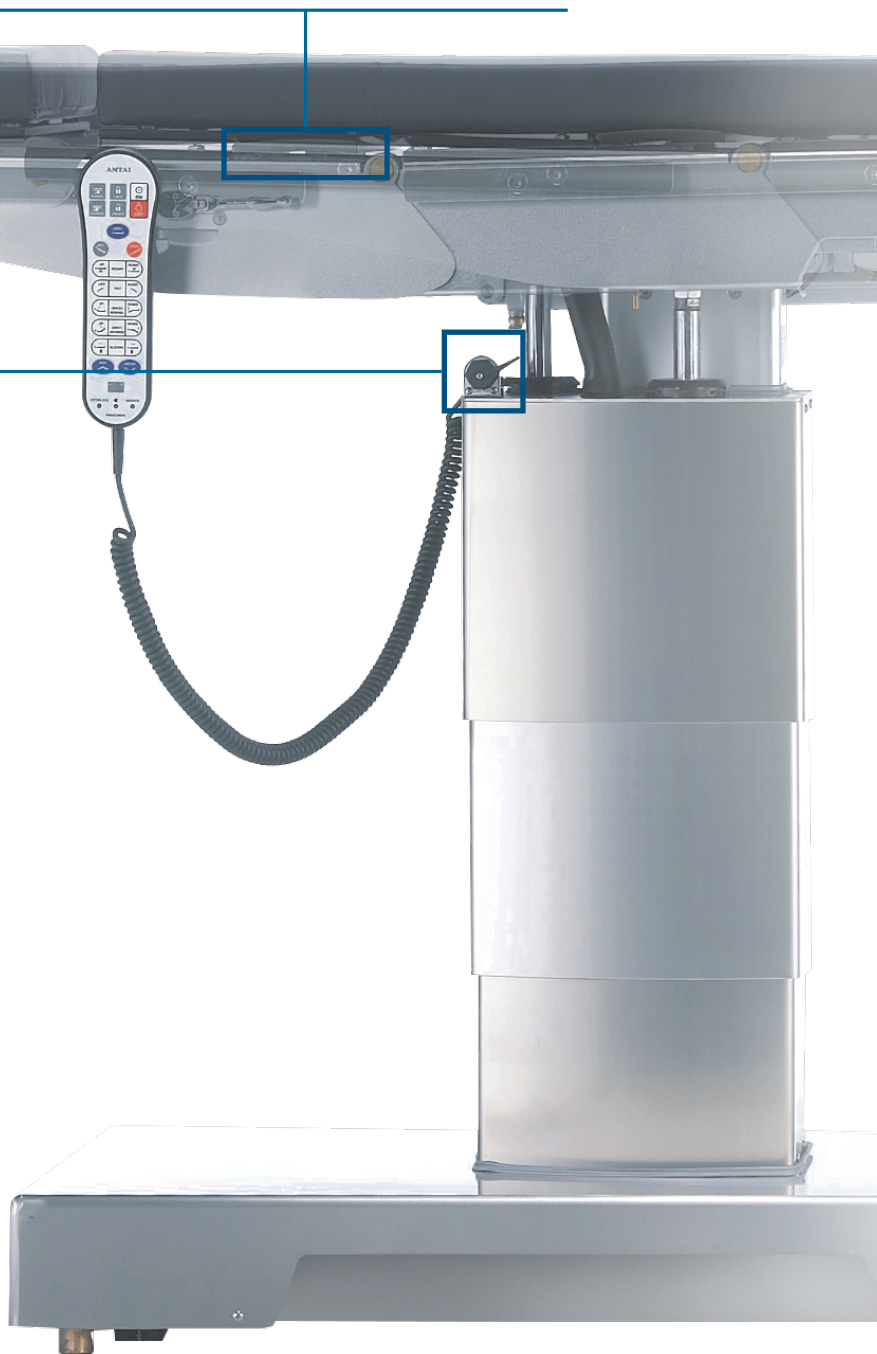
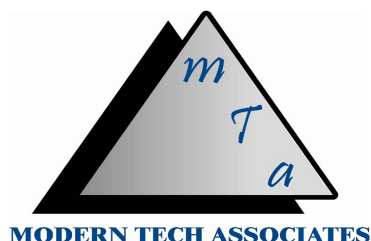
The port provides external communication capabilities, which could potentially be used for diagnosis with a computer or coordination with an OR integration system.

## Floor Locks

US patent number: US7832528B1

V800L/LK/LS/LSK (N): Four electro-hydraulically powered, self-adjusting posts level themselves on uneven floors. (Up to 5mm)

V800/K/S/SK (N): A foot pedal activates two adjustable manual floor locks next to the swivel casters, securing the table in its place.





## Interchange of Head Section and Leg Sections

Interchangeable sections (designed to operate seamlessly in reverse orientation) provide the maximum X-ray translucent distance to the surgeon. The hand pendant can be switched into reverse mode to facilitate the operation.

## Detachable Split Leg Section

Split legs can be opened for better patient access, or they can be removed entirely.

## Emergency Stop Button

The red OFF button can be pushed to stop unexpected table movement caused by a stuck button.

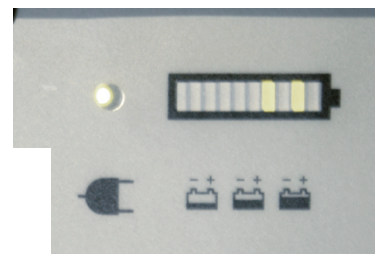


## Tabletop Leveling

Tabletop is always leveled according to the Earth's gravitational force.

## Hand Pendant

- ◆ The hand pendant's backlit display illuminates the buttons, an essential feature for endoscopic surgery.
- ◆ The intelligent patient orientation function interprets positioning commands automatically according to the selected orientation.
- ◆ Functions such as LEVEL, FLEX and REFLEX help to quickly and safely position the patient.
- ◆ Most of the possible sectional conflicts are paused by the control system. The user is informed by the INTERLOCK indicator light and a warning sound.



## Instant Self Diagnosis with Error Code Display

When the Service LED on the hand pendant is lit, the battery level indicator on the base panel displays a service code used for diagnosis.



## Safety Clark Socket

Safety Clark sockets can be fastened to the side rails without having an accessory attached. This helps to prevent accidental drops and allows accessories to be positioned and secured more easily.



## Override System

The override control system allows operation of basic table functions from the non-sterile area should the hand pendant become inoperative.



## Built-in X-ray Cassette Channels

Having 14" wide X-ray cassette channels beneath all sections (except the leg section) eliminates the need for X-ray tabletops, thus making tabletop articulations possible and increasing patient safety.

## Gynecology and Laparoscopy



## Lithotomy Position



The versatile design of the perineal cutout combined with the use of J stirrups, leg holders, or adjustable stirrups gives excellent, on-demand surgical access during gynecologic, abdominal, urologic, lithotomic, and laparoscopic surgeries. The unobstructed radiolucent tabletop and low-profile base supply the surgeon with superior image coverage and ample KUB (kidneys, ureters, and bladder) access, while leaving room for the fluid collection system.

### Essential Accessories

- J Stirrups or Leg Holders with Safety Clark Socket (2) or adjustable stirrups with Side Rail Locks (2)
- Plastic Drain Pan or Uro Catcher System with Fluid Collector Bags
- Lateral Supports (2) with Side Rail Locks (2)
- Leg Holders with Safety Clark Socket (2)
- Anesthesia Screen with Clark Socket (1)
- Restraint Strap
- Arm Boards
- Drain Pan

## Split Leg Position



Allows for maximum access to the patient during laparoscopy and lower extremity orthopedic procedures.

### Essential Accessories

- Left and Right foot rests with Safety Clark Sockets (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Restraint Strap
- Arm Boards

## Gall Bladder and Thoracic



Table flexibility allows for optimal exposure of the operative area.

### Essential Accessories

- Left + right foot rests with Safety Clark Sockets (2)
- Anesthesia Screen with Safety Clark Socket (1)
- Lateral Supports (2) with Side Rail Locks (2)
- Restraint Strap
- Arm Boards



### Lateral Kidney and Thoracic Surgery



The patient can easily be situated laterally, and use of the flex function and/or kidney elevator aids surgical access.

#### Essential Accessories

- Multi-task Arm Board with Safety Clark Socket (1)
- Anesthesia Screen with Safety Clark Socket (1)
- Lateral Supports (3) with Side Rail Locks (3)
- Foot Rests with Safety Clark Sockets (2)
- Perineal Cutout Filler Piece
- Restraint Strap
- Arm Board

### Nissen Fundoplication



The head section can be connected to the seat section, which provides excellent support to the patient and is manually adjustable during surgery. This eliminates the need of reverse Trendelenburg straps and power-lift stirrups, while maintaining maximum endoscopic access to the esophagus and stomach area.

#### Essential Accessories

- Multi-task Arm Boards with Safety Clark Socket (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Adjustable Stirrups with Side Rail Locks (2)

### Seated Position



The V800 in normal orientation creates ample leg room for the seated position, and its extensive articulation of the back section provides excellent surgical access. 30° Trendelenburg movement forms an ideal angle for Extracorporeal Membrane Oxygenation (ECMO) technique.

#### Essential Accessories

- Multi-task Arm Boards with Safety Clark Socket (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Foot Rests with Safety Clark Sockets (2)
- Restraint Strap

### Shoulder Surgery (Arthroscopy)



The leg sections are removed and the pneumatic shoulder attachment is connected to either the back or seat section, providing comfortable anterior and posterior access to the shoulder area.

#### Essential Accessories

- Multi-task Arm Board with Safety Clark Socket (1)
- Lateral Support with Side Rail Locks (1)
- Pneumatic Shoulder Attachment
- Restraint Strap

### Kneeling Position



### Neurosurgery (thoracic vertebra)



### Neurosurgery (cervical vertebra)



Opening the V800's split leg sections provides excellent access during rectal surgery with the patient in kneeling position. For lumbar spine surgery, the foot supports should be removed, and the angle of the leg sections should be adjusted to level or close to level for better C-arm access (position not shown). The V800 also gives the surgeon excellent access to the thoracic vertebra or cervical areas during spinal neurosurgery.

#### Essential Accessories

- Dorsal Cushion or Spinal Frame or Radiolucent Spine Surgery Frame
- Left and Right foot rests with Safety Clark Sockets (2)
- Morgan Pelvic Rest with Safety Clark Sockets (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Multi-positioning Base Unit
- Horseshoe Headrest
- Swivel Adaptor
- Restraint Strap
- Arm Boards

### Ophthalmic and Plastic Surgery



The V800 provides a comfortable working environment for a seated surgeon and ample room for necessary equipment. With "N" option, the height of the tabletop can reach to 55 cm.

#### Essential Accessories

- Ophthalmic Headrest with Surgeon Wrist Support
- Foot Controller
- Restraint Strap
- Arm Boards



### Neurosurgery (Prone Brain)



The V800 provides ample space beneath the tabletop for prone, supine, lateral, and upper craniotomy. It also gives the surgeon excellent access to the cranial area. With the “N” option, the height of the tabletop can reach to 55 cm.

### Neurosurgery (Lateral Brain)



#### Essential Accessories

- Crossbar Adapter for Base Unit with Safety Clark Socket (2)
- Multi-Task Arm Boards (2) with Clark Socket (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Skull Clamp with Skull Pins
- Multi-positioning Base Unit
- Swivel Adaptor
- Restraint Strap
- Arm Boards

### Neurosurgery (Seated Brain)



### Cardiovascular in Reverse Orientation



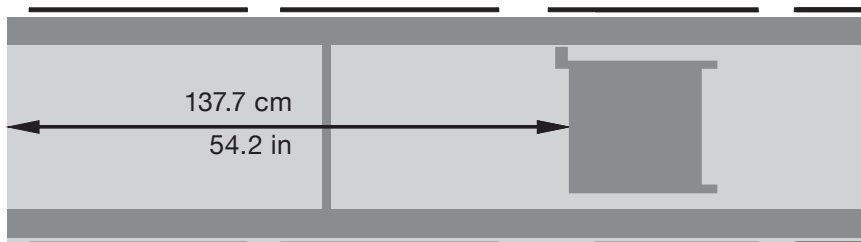
The V800 in reverse orientation provides ample C-arm access for cardiovascular surgery and femoro-popliteal bypass surgery.

#### Essential Accessories

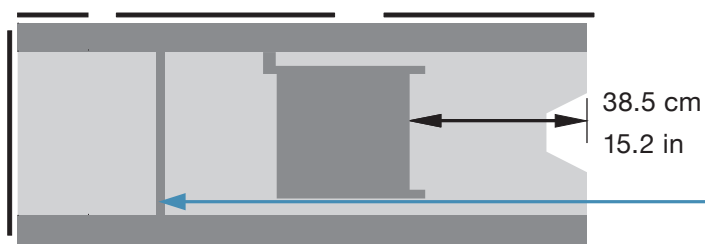
- Perineal Cutout Filler Piece
- Restraint Strap
- Arm Boards

# C-ARM IMAGE COVERAGE

**Models: All models with tabletop slide feature.**



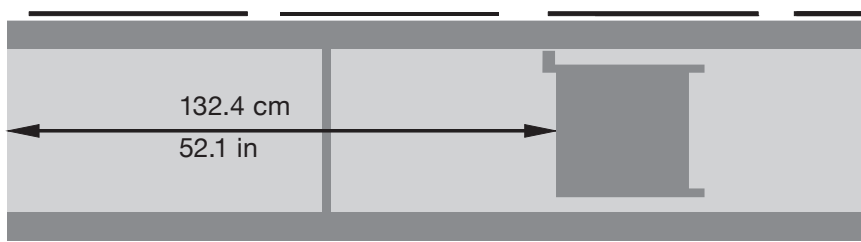
**UPPER BODY**  
Reverse orientation  
slid to leg end



**LOWER BODY**  
Normal orientation  
slid to leg end

This bar is present  
only with models  
without the K suffix

**Models: All models without tabletop slide feature.**



**UPPER BODY**  
Reverse orientation



**LOWER BODY**  
Normal orientation

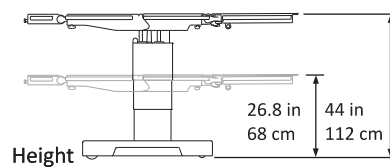
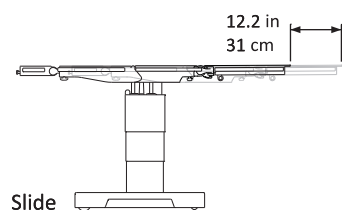
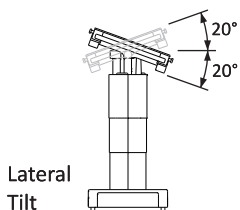
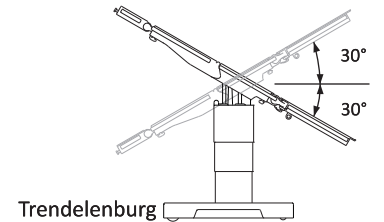
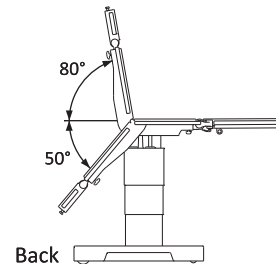
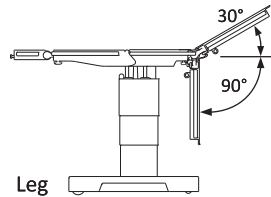
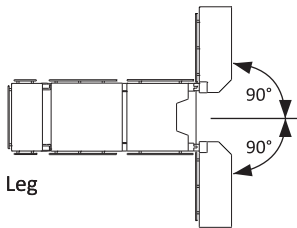
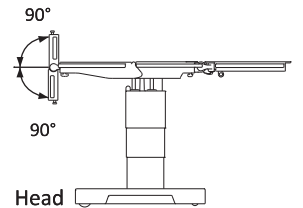
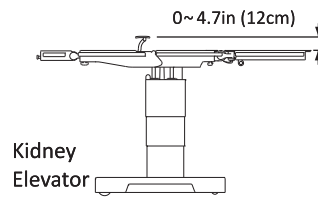
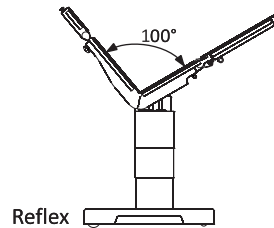
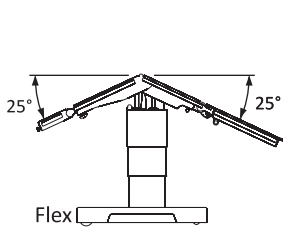
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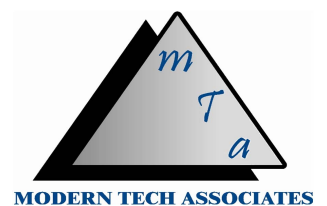
NOTE: All imaging coverage is 14 inches wide.



# RANGE OF TABLE MOVEMENTS



NOTE: Tables with "N" option have table height of 55cm to 100 cm (21.65 in to 39.37 in)



Power Requirements  
AC 110V / 300 VA, 50 / 60 Hz or  
AC 220V / 300 VA, 50 / 60 Hz; single phase

Battery Capacity  
Battery set: 24V, 14 Ah  
(12V / 14Ah \*2, per each table)



**THE V800 SERIES  
SURGICAL TABLE**

