

# MOT-VS700



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Caution

- Prior to product use, carefully read and comprehend the contents of the user manual and product packaging information.
- Inspect the product routinely and thoroughly, in addition to pre- and postoperative examinations.
- For after-sale support, contact your local dealer / distributor.

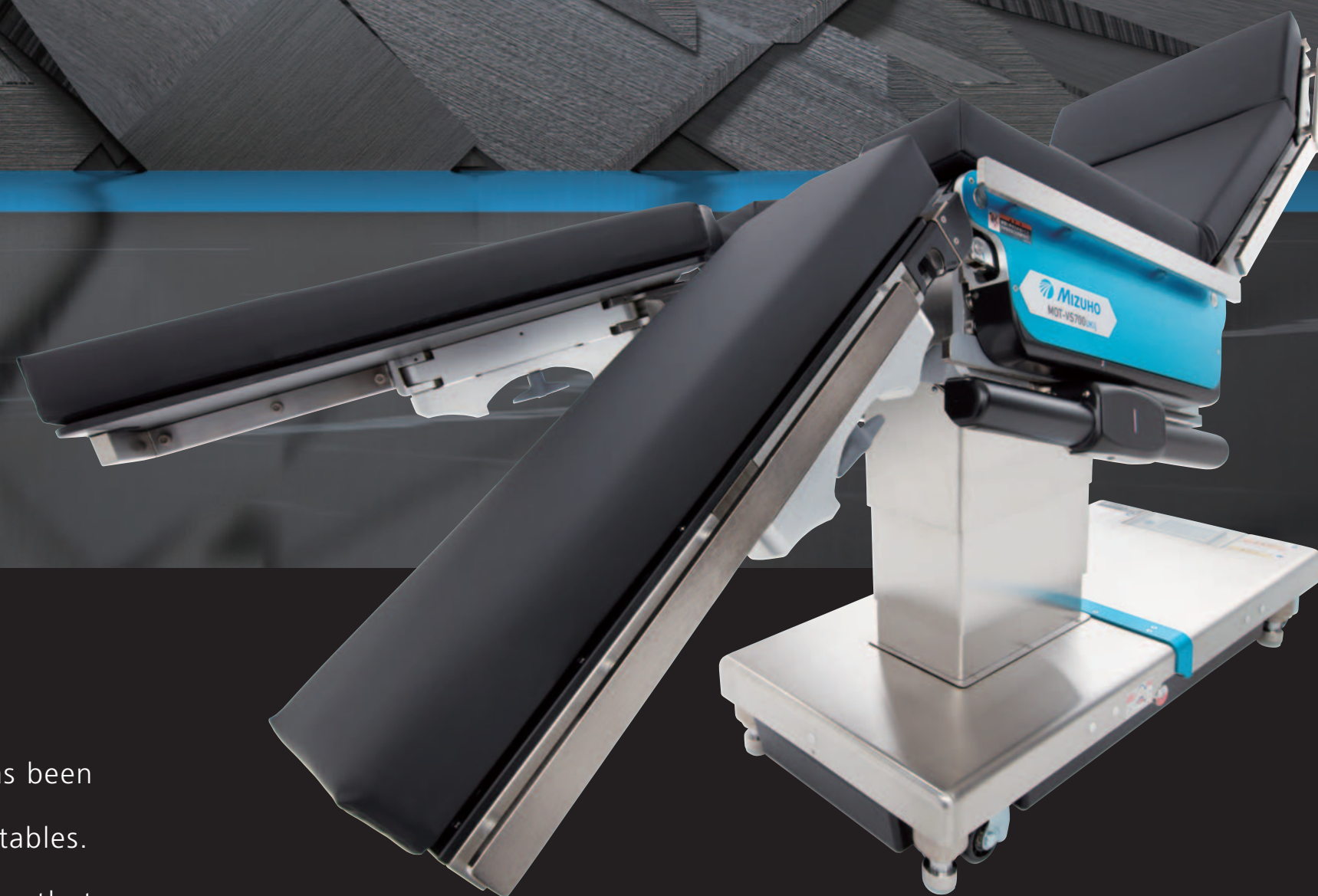


# MOT-VS700



# MIZUHO OPERATING TABLE VERSATILE 700

In its century of history as a medical device manufacturer, Mizuho has been a provider of innovative medical equipments and excellent operating tables. Out of all of its models, the MOT-VS700 is equipped with functions that support surgeries ranging from general to cutting-edge surgeries. The MOT-VS700 is a model in a class of its own that satisfies our customers.



## MOT-VS700

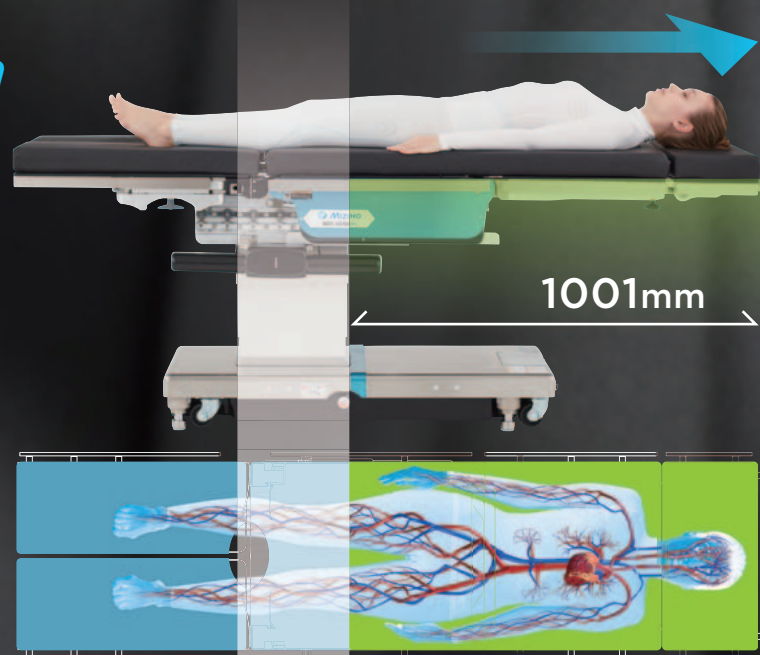


# 665 mm Sliding Stroke

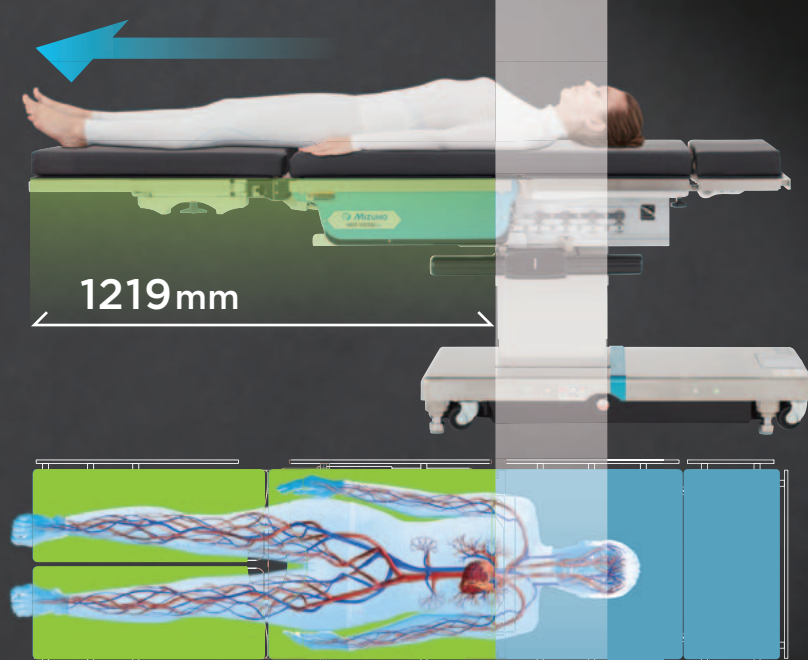
## Best-in-class table top sliding stroke

- The 665 mm longitudinal sliding function provides excellent imaging access with one button.
- By sliding the table top, it provides optimal access to patients' lower and upper extremities.
- Flexible patient positioning in both normal and reverse modes provides maximized radiolucency and optimal surgical access.

### Slide to Head in Normal Position

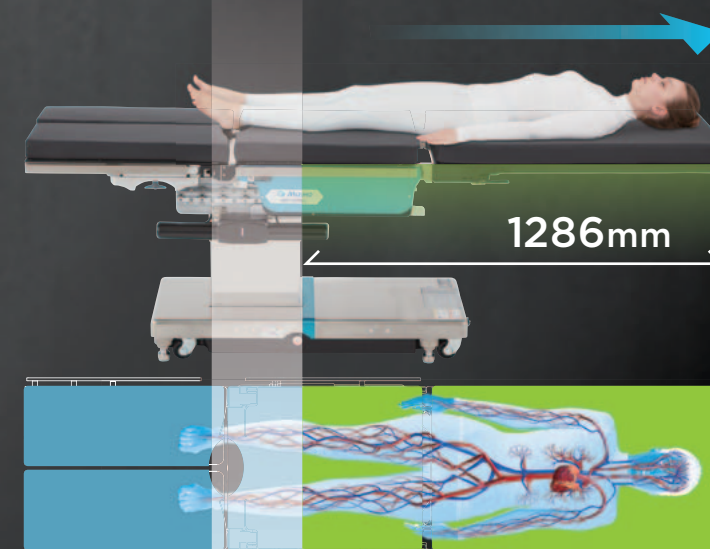


### Slide to Leg in Normal Position



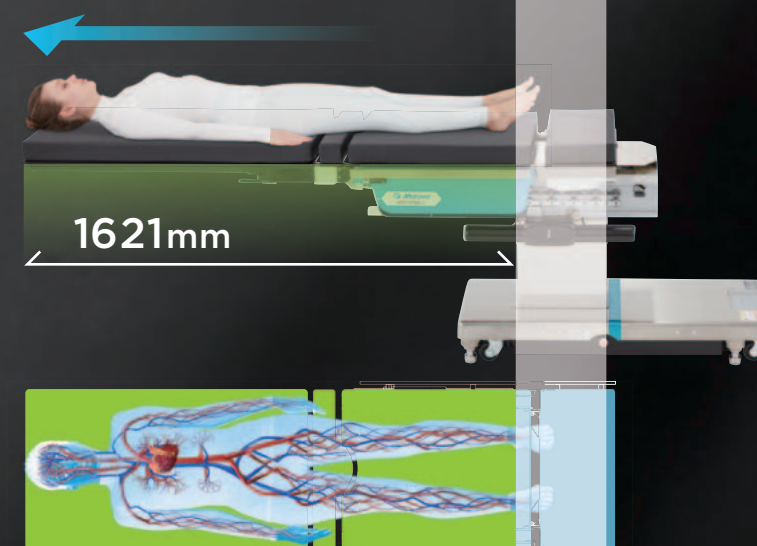
### Slide to Head in Normal Position

+ 100cm Carbon Extension



### Slide to Head in Reverse Position

+ Leg-side Reversal Adapter  
+ 100cm Carbon Extension



### Slide to Head in Reverse Position

+ Single Leg Section  
+ Head Section

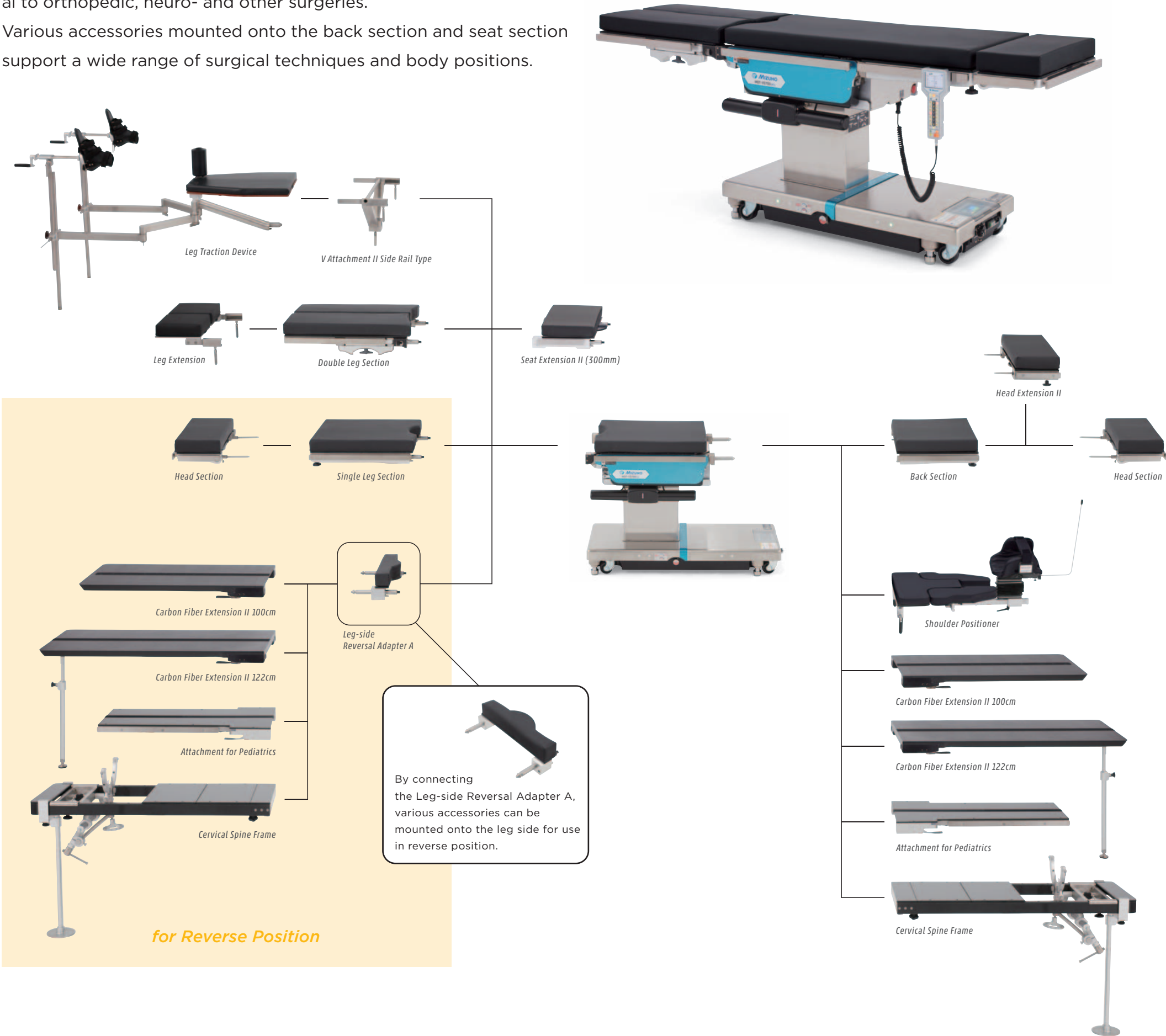




# Expanded Functions

The MOT-VS700 can be used across multiple disciplines from general to orthopedic, neuro- and other surgeries.

Various accessories mounted onto the back section and seat section support a wide range of surgical techniques and body positions.



for Reverse Position

# Patient Positioning

The MOT-VS700 offers absolute flexibility in patient positioning and patient orientation with normal and reverse mode. Adding on extension accessories in the patients' head and leg directions improves imaging area and accessibility.



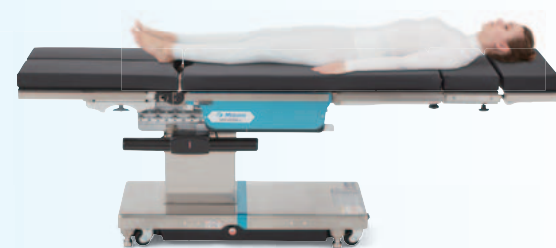
## With Carbon Extension in Reverse Position

Sliding the table top with the Carbon Fiber Extension improves imaging access in spinal, cardiovascular and other procedures.



## With Seat Extension in Normal Position

By sliding the table top with the Seat Extension attached to the leg side, the imaging and working areas for the lower extremities can be ensured.



## With Head Extension in Normal Position

Attaching the Head Extension improves working space and surgical access for the upper body in neurosurgery, ENT, ophthalmology as well as procedures using C-arm.



# Features

## Hand Controller

- **Large-sized LCD**  
Allows for precise monitoring of the table's position and real-time displaying.
  - **3-position memory functions**
  - **Bluetooth / Infrared**
  - **Wireless / Wired Dual Mode Hand Controller**
- The controller with LCD screen displays all of the operations (sliding, elevation, angles) and provides detailed information on body positions. Reverse-mode display and position memory are included as standard features.

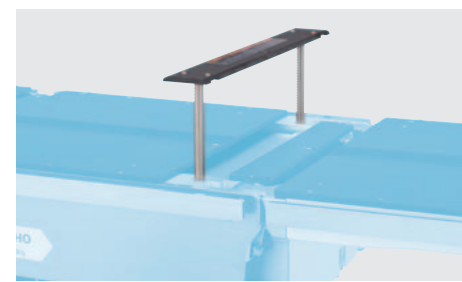


## Powered Leg Section

Both the Single and Double Leg Sections are powered by electro-hydraulic system. When Double Leg Section is in use, the right and left plates can be operated separately.

## Kidney Bridge

The MOT-VS700 is standardly equipped with a 150 mm powered Kidney Bridge to provide large flexing angles.



## Best-in-class Low Minimum Height

- Provides excellent accessibility to patients for surgeons who sit while performing surgeries.
- An ideal ergonomic platform for laparoscopic surgeries.
- A low stable platform for performing microsurgies.
- Ensures optimal heights for performing spinal surgeries.

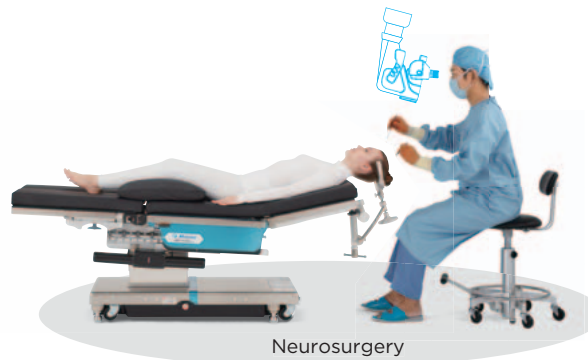


Bariatric Surgery



Spine Surgery

\* Wilson Plus™ Radiolucent Frame and ProneView® are sold by Mizuho OSI



Neurosurgery

## Heavy Duty

With its maximum load capacity of 360 kg in all of its operations, the MOT-VS700 offers the highest level of safety and stability.



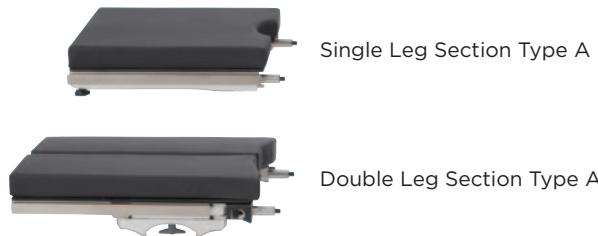
Lift : **450kg**  
Articulation : **360kg**



# Other / Safety Features

## Leg Section of Your Choice

Various needs of our customers can be met with the two types of leg sections.



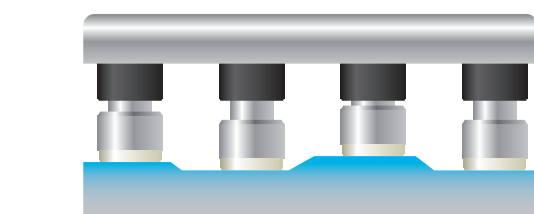
## Touch Panel AUX Switch

Detailed settings can be made on an LCD panel. It is equipped with maintenance functions and positioned on the head side for easy access in emergencies.



## Auto-Adjust Brake System

The 4-point braking system with built-in pressure sensors automatically adjusts the height in accordance with the unevenness of the floor.



## Anti-collision Protection Functions

Since all of the operations (angles, sliding and elevation) are detected by sensors, it prevents the table top from colliding to the floor or the base, which increases patient safety during surgery.



## Overturning Detection System

In considering patients' safety to be the highest priority, a 2-phase alarm system is equipped to minimize the risk of table overturning.



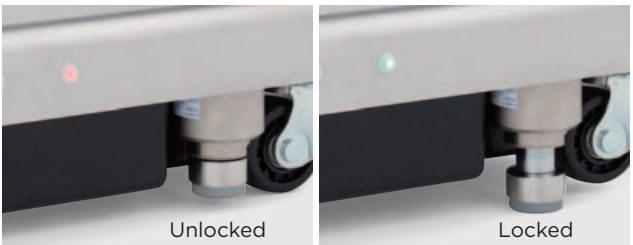
## 4 Way Leg Section

Provides wide working areas and optimal access to the patient via the double-jointed configurations.



## Brake Lamps

The brake lamps show you at a glance that the brakes are locked or unlocked.



# Normal Position



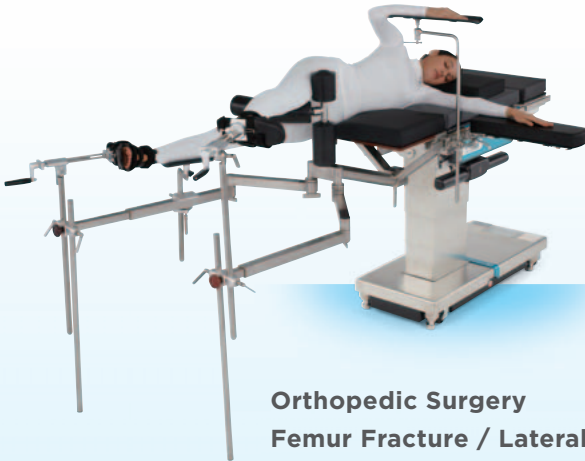
Traumatology / Shoulder Surgery



Orthopedic Surgery  
Femur Fracture / Supine Position



Spine Surgery



Orthopedic Surgery  
Femur Fracture / Lateral Position

\* Wilson Plus™ Radiolucent Frame and ProneView® are sold by Mizuho OSI



Spine Surgery



Orthopedic Surgery  
Tibia Fracture / Supine Position



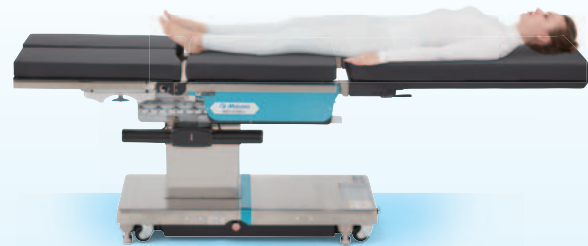
## Normal Position



Laparoscopic Surgery



Neurosurgery / Half Sitting Position



Cardiovascular Surgery



Robotic Surgery



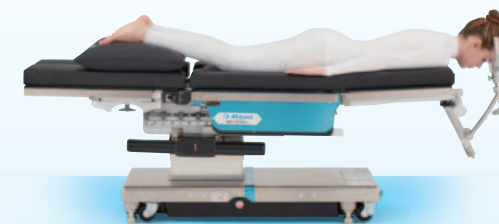
Neurosurgery / Park-bench Position



Kidney Surgery



Urology / OB-GYN



Neurosurgery / Prone Position



Kidney Bridge / Supine



Pediatrics



Bariatric Surgery / Gastric Position

## Reverse Position



Spine Surgery



Cardiovascular Surgery



Traumatology / Hand Surgery



Flex / Lateral Position

\* Wilson Plus™ Radiolucent Frame and ProneView® are sold by Mizuho OSI



Optional Accessories



Seat Extension II (300mm)

08-075-52	Seat Extension II (300mm)	JP Side Rail
08-075-52-R1	Seat Extension II (300mm) (R1)	US Side Rail
08-075-52-R2	Seat Extension II (300mm) (R2)	EU Side Rail

\*Pad not included

Pad for Seat Extension

08-083-60	Mizuho Original Pad for Seat Extension (300mm)
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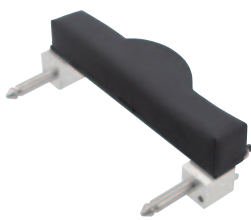
Radiographic Table Top for Seat Extension

08-083-00	Radiographic Table Tops Fixed Type for Seat Extension (300mm)
08-083-20	Digital Radiographic Table Tops Fixed Type for Seat Extension



Digital Radiographic Table Tops Fixed Type

\*Digital film compatible



Leg-side Reversal Adapter A

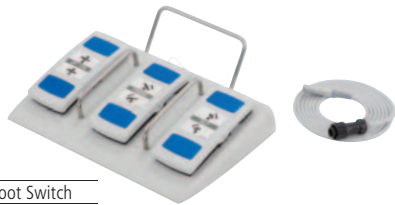
Required to attach accessories to the leg side

08-077-70	Leg-side Reversal Adapter A	JP, US, EU Side Rail
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\*Pad not included

Pad / Radiographic Table Top for Leg-side Reversal Adapter

18-042-90	Mizuho Original Pad for Leg-side Reversal Adapter
18-097-00	Digital Radiographic Table Top for Leg-side Reversal Adapter



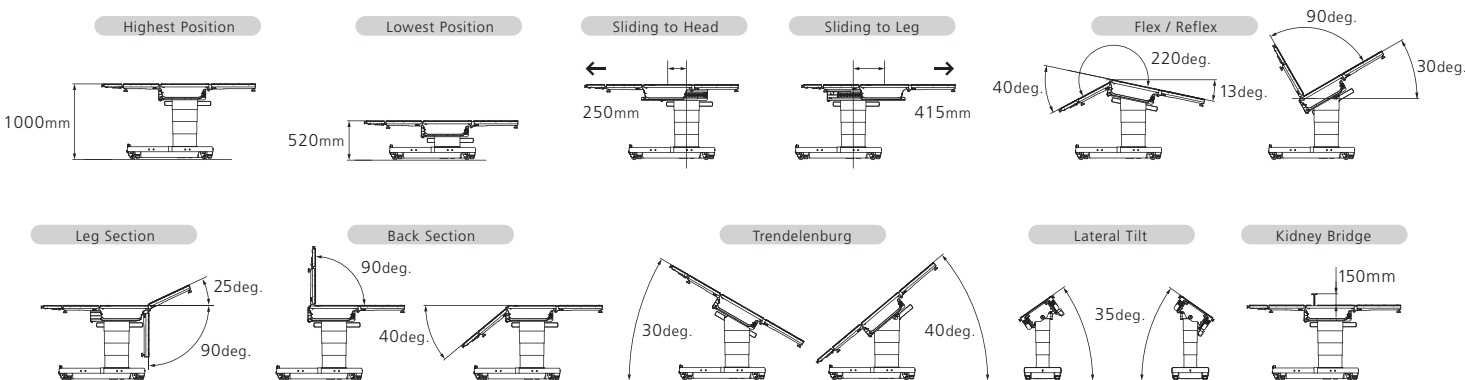
Foot Switch

18-443-43	Foot Switch
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Radiographic Table Tops Fixed Type

Table Functions



Specifications

MOT-VS700

Product Description	MOT-VS700UKI		
Product Code	18-720-20	MOT-VS700UKIj	JP Side Rail
	18-720-30	MOT-VS700UKIe	EU Side Rail
	18-720-70	MOT-VS700UKIa	US Side Rail
	Selectable Leg Section		
	18-711-20	Single Leg Section-j Type A	JP Side Rail
	18-711-30	Single Leg Section-e Type A	EU Side Rail
Product Code	18-711-70	Single Leg Section-a Type A	US Side Rail
	18-712-20	Double Leg Section-j Type A	JP Side Rail
	18-712-30	Double Leg Section-e Type A	EU Side Rail
	18-712-70	Double Leg Section-a Type A	US Side Rail
Trade Name	Operating Table MOT-VS700		
Drive System	Electro Hydraulic System		
Country of Origin	Japan		
Elevation Range	520 mm - 1000 mm		
Trendelenburg	Head Up 30 deg. / Head Down 40 deg.		
Lateral Tilt	35 deg. Left / Right		
Back Section	90 deg. Up / 40 deg. Down		
Flex Angle (Auto Position)	220 deg.		
Reflex Angle (Auto Position)	90 deg.		
Table Top Slide	665 mm (250 mm to Head , 415 mm to Leg)		
Head Section	60 deg. Up / 90 deg. Down		
Leg Section	25 deg. UP / 90 deg. Down		
Leg Section Opening Angle	First Joint 42 deg. / Second Joint 42 deg.		
Kidney Bridge	150 mm		
Return to Level	Trendelenburg, Lateral Tilt, Back Section, Flex / Reflex, Leg Section, Beach Chair, Kidney		
Maximum Permissible Load Elevation	450 kg (1000 lbs.) in Normal / 135 kg (300 lbs.) in Reverse		
Maximum Permissible Load Articulation	360 kg (800 lbs.) in Normal / 135 kg (300 lbs.) in Reverse		
Table Top Dimensions	With Single Leg Section : 2005 mm / With Double Leg Section : 2124 mm		
Base Dimensions	483 mm x 1133 mm		
Table Weights	UKI : 383 kg Single Leg Section : 10 kg / Double Leg Section (one side) : 8.5 kg		
Supply Voltage	AC 100 - 240 V		
Power Consumption	AC 600 VA , DC 450 W		
Battery Power	DC 24 V		
Operating Voltage	DC 24 V		
Wireless System	Infrared, Bluetooth		
Foot Switch	Available (Option)		
Standard Accessories	Table Pads / Hand Controller		
Power Cord Options	To be selected according to country type		

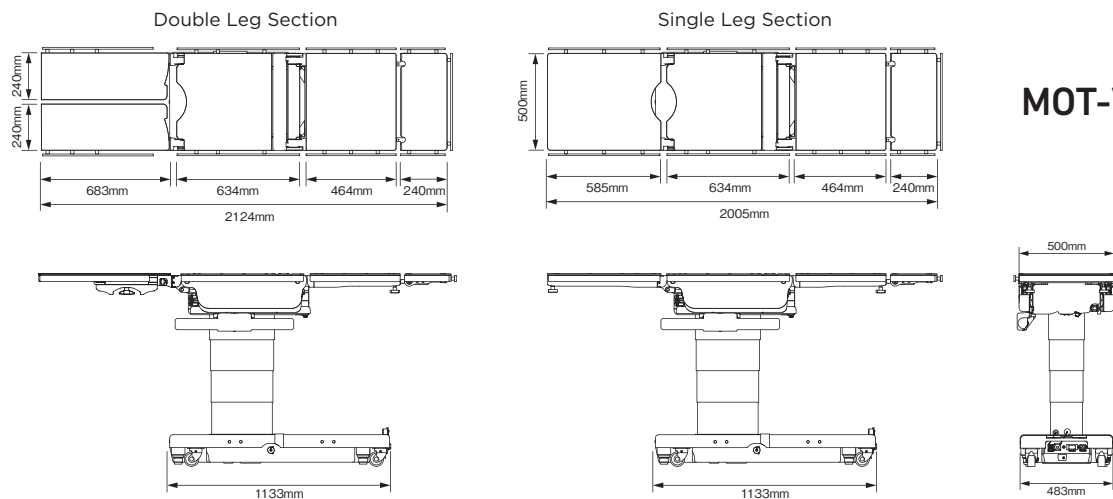
Main Material

Table Plate	Phenolic Resin
Side Rail	Stainless Steel
Side Frame	Aluminum Alloy
Elevation Column (Cover)	Stainless Steel
Base (Cover)	Stainless Steel

Operating Environment

Ambient Temperature	10 to 40 °C
Relative Humidity	30 to 75 %
Atmospheric Pressure	700 to 1060 hPa

Outer Dimension Drawing



MOT-VS700UKI