

MOT-VS700




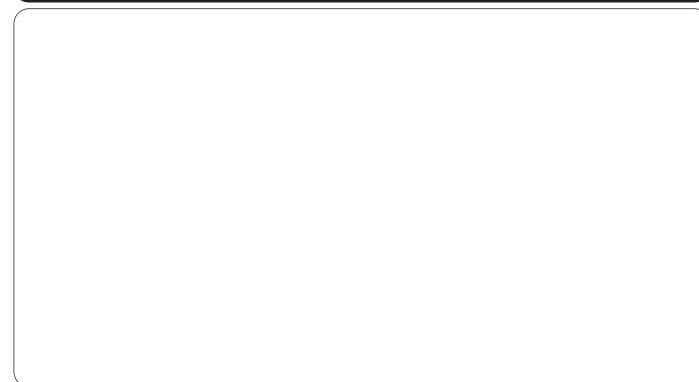
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Tokyo, JAPAN

 <p>Caution</p>	<ul style="list-style-type: none">• Be sure not to use the product until you have carefully read the instruction manual and attached document and correctly understood their contents.• Be sure to carry out without fail the periodic inspections and the pre- and post-operative inspections.• For details about after-the-sale service be sure to inquire at our Sales Branches or the dealer from whom you have purchased this product.
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MOT-VS700

* Under our policy, ongoing improvements and published specifications may be subject to change without prior notice.
* All published CG photos and illustrations have been from images.

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.



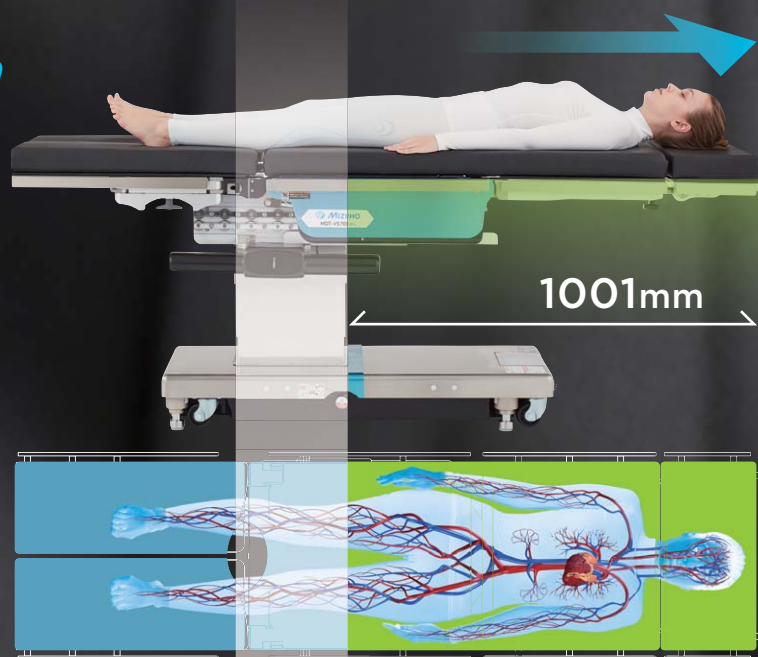
MOT-VS700

665 mm Sliding Stroke

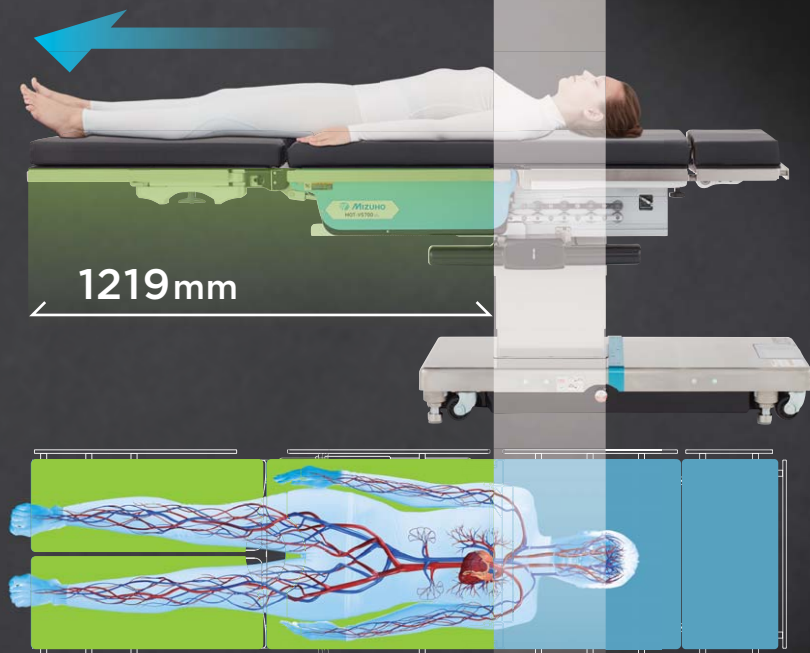
Best-in-class table top sliding stroke

- 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

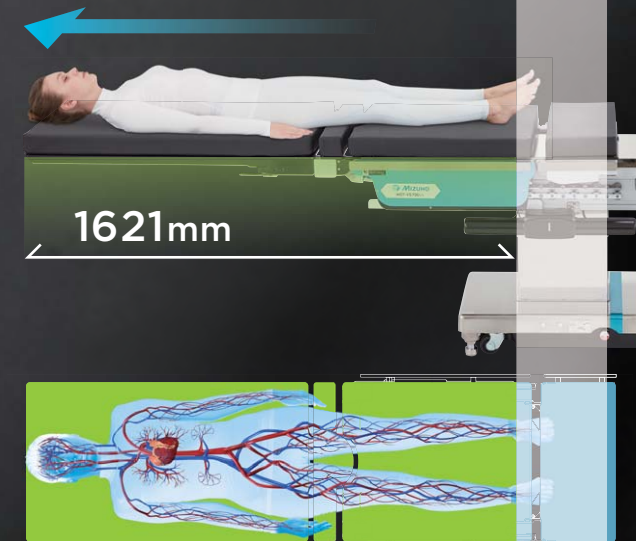
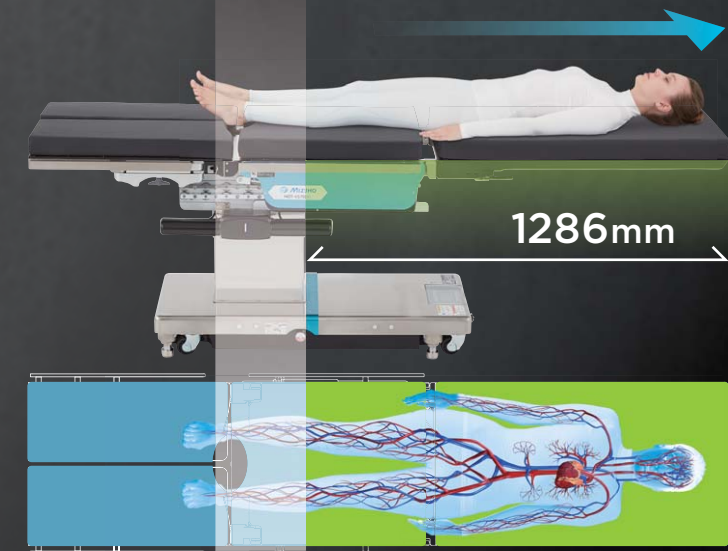


Slide to Leg in Normal Position



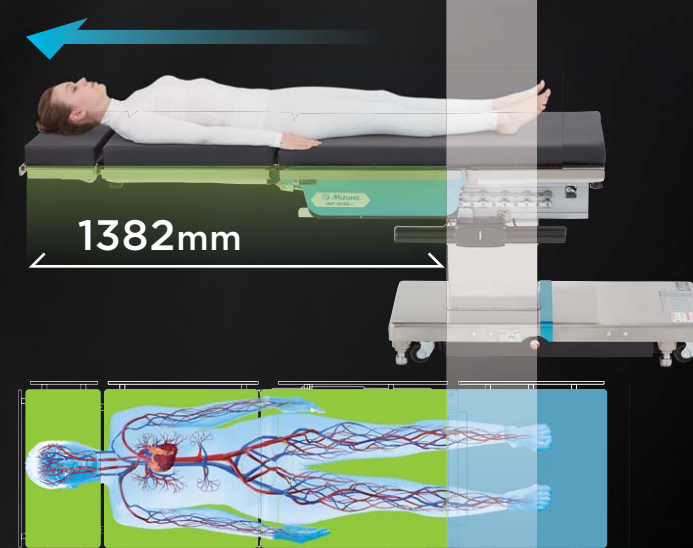
Slide to Head in Normal Position

+ 100cm Carbon Extension



Slide to Head in Reverse Position

- + Leg-side Reversal Adapter
- + 100cm Carbon Extension

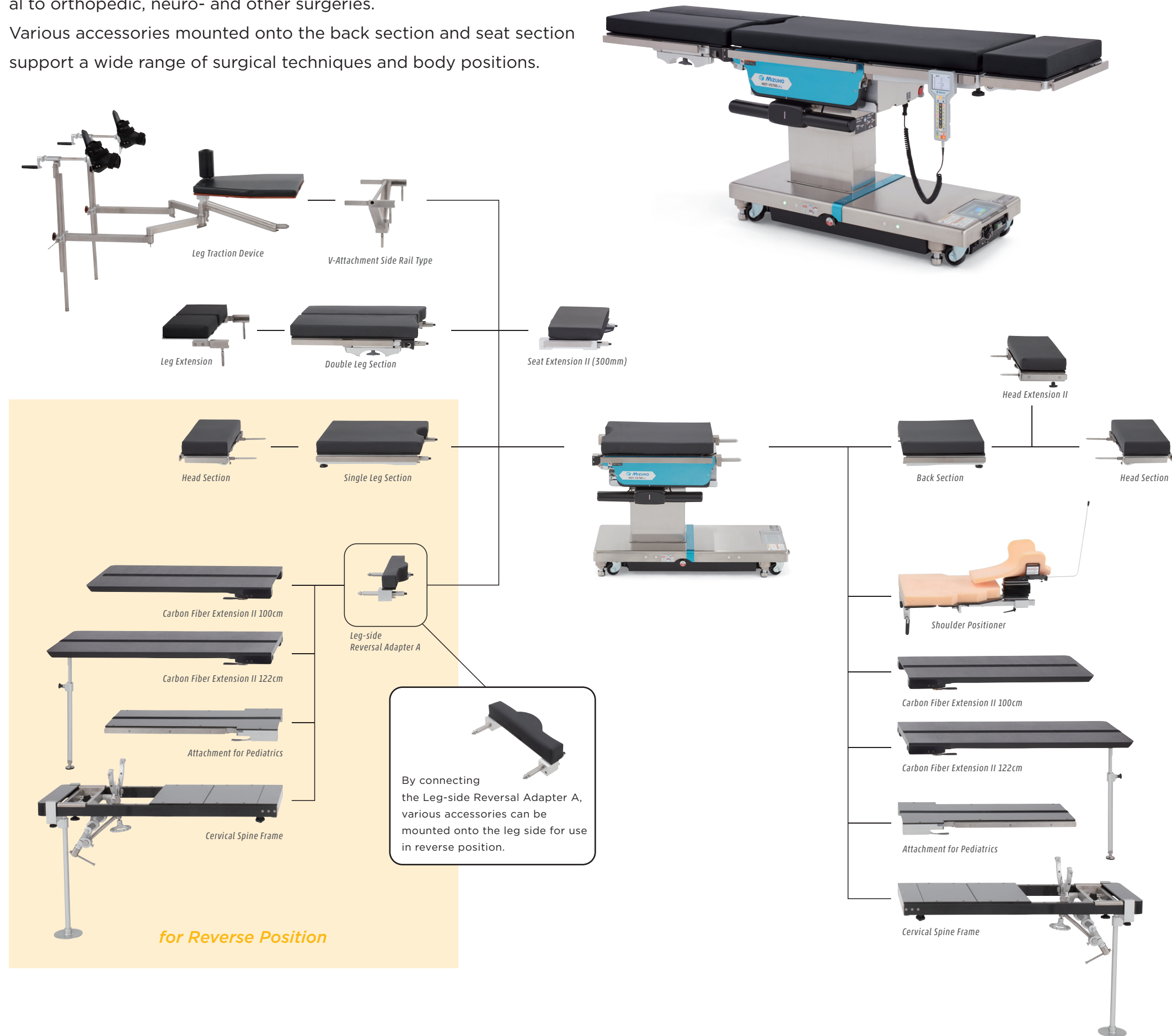


Slide to Head in Reverse Position

- + 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.



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.



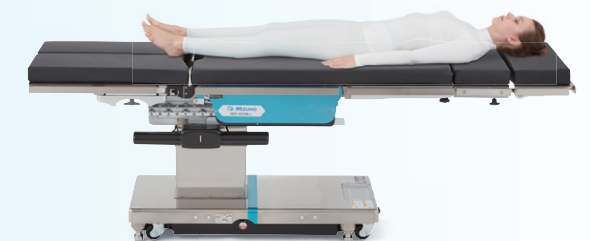
With Carbon Extension in Reverse Position

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

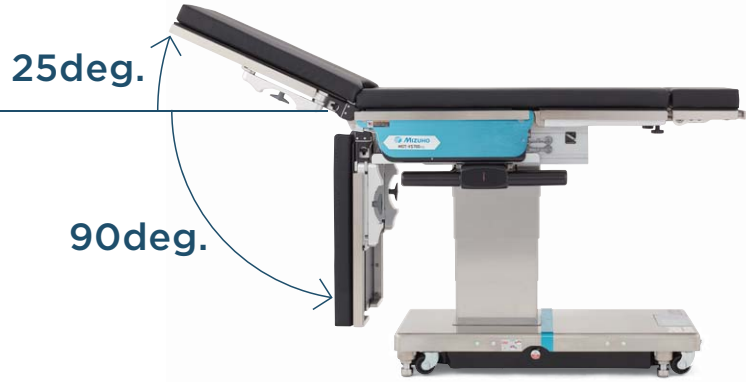
Wireless / Wired Dual Mode Hand Controller

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.



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 microsurgeries.
- Ensures optimal heights for performing spinal surgeries.

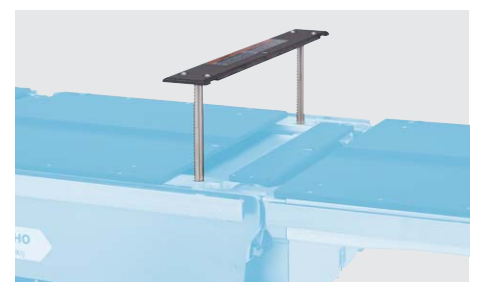


Motorized Leg Section

Both the Single and Double Leg Sections are motorized. When Double Leg Section is in use, the right and left plates can be operated separately.

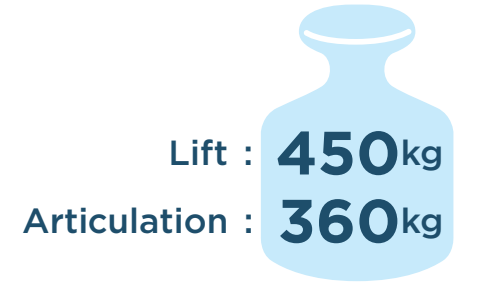
Kidney Bridge

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



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.



Other / Safety Features

Leg Section of Your Choice

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



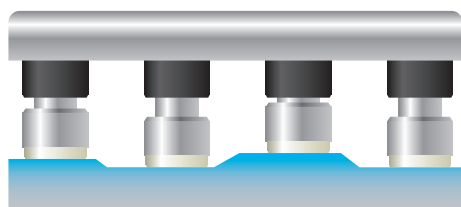
Touch Panel AUX Switch

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.



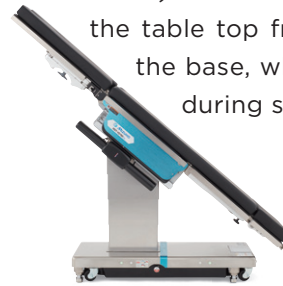
Auto-Adjust Brake System

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.



Overtipping 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



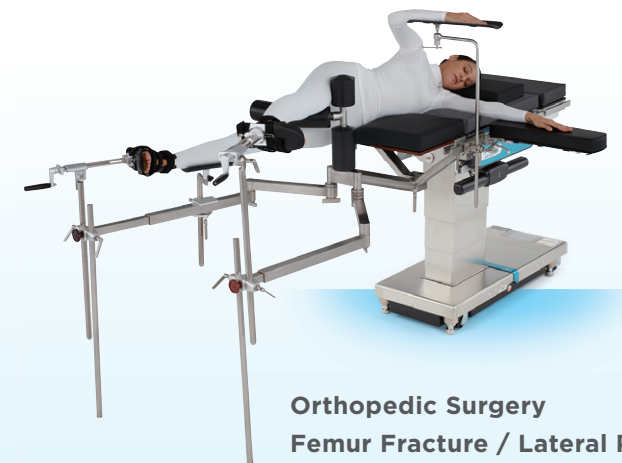
Traumatology / Shoulder Surgery



Orthopedic Surgery
Femur Fracture / Supine Position



Spine Surgery



Orthopedic Surgery
Femur Fracture / Lateral Position



Spine Surgery



Orthopedic Surgery
Tibia Fracture / Supine Position

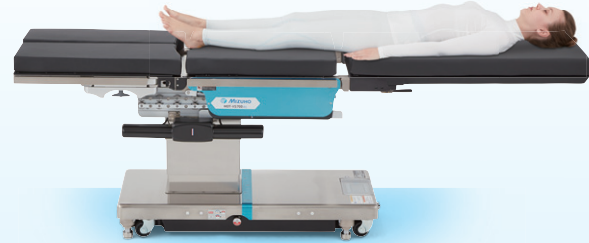
Normal Position



Laparoscopic Surgery



Neurosurgery / Half Sitting Position



Cardiovascular Surgery



Robotic Surgery



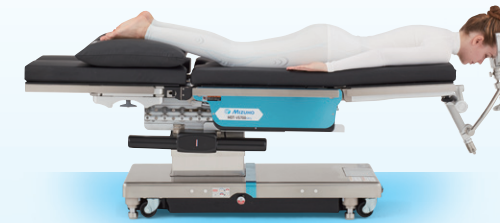
Neurosurgery / Park-bench Position



Kidney Surgery



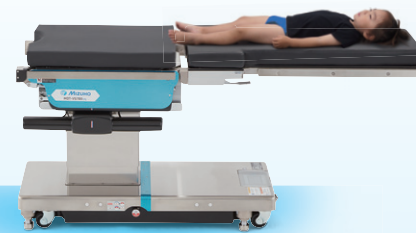
Urology / OB-GYN



Neurosurgery / Prone Position



Kidney Bridge / Supine



Pediatrics



Bariatric Surgery / Gastric Position

Reverse Position



Spine Surgery



Cardiovascular Surgery



Traumatology / Hand Surgery



Flex / Lateral Position

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

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
Trade Name	Operating Table MOT-VS700		
	Drive System		
	Electro Hydraulic System		
	Country of Origin		
	Japan		
	Elevation Range		
520mm - 1000mm			
Trendelenburg			
Head Up 30deg. / Head Down 40deg.			
Lateral Tilt			
35deg. Left / Right			
Back Section			
90deg. Up / 40deg. Down			
Flex Angle (Auto Position)			
220 deg.			
Reflex Angle (Auto Position)			
90 deg.			
Table Top Slide			
665mm (250mm to Head, 415mm to Leg)			
Head Section			
60deg. Up / 90deg. Down			
Leg Section			
25 deg. UP / 90 deg. Down			
Leg Section Opening Angle			
First Joint 42deg. / Second Joint 42deg.			
Kidney Bridge			
150mm			
Return to Level			
Trendelenburg, Lateral Tilt, Back Section, Flex / Reflex, Leg Section, Kidney			
Maximum Permissible Load Elevation			
450kg (992lbs.) in Normal / 135kg (298lbs.) in Reverse			
Maximum Permissible Load Articulations			
360kg (794lbs.) in Normal / 135kg (298lbs.) in Reverse			
Table Top Dimensions			
With Single Leg Section : 2005mm / With Double Leg Section : 2124mm			
Base Dimensions			
483mm x 1133mm			
Table Weights			
UKI : 383kg			
Single Leg Section : 10kg / Double Leg Section (one side) : 8.5kg			
Supply Voltage			
AC 100 - 240 V			
Power Consumption			
AC600VA, DC450W			
Battery Power			
DC 24 V			
Operating Voltage			
DC 24 V			
Wireless System			
Infrared, Bluetooth			
Foot Switch			
Available (Option)			
Standard Accessories			
Mizuho Original Pad / Hand Controller			
Power Cord Options			
To be selected according to country type			

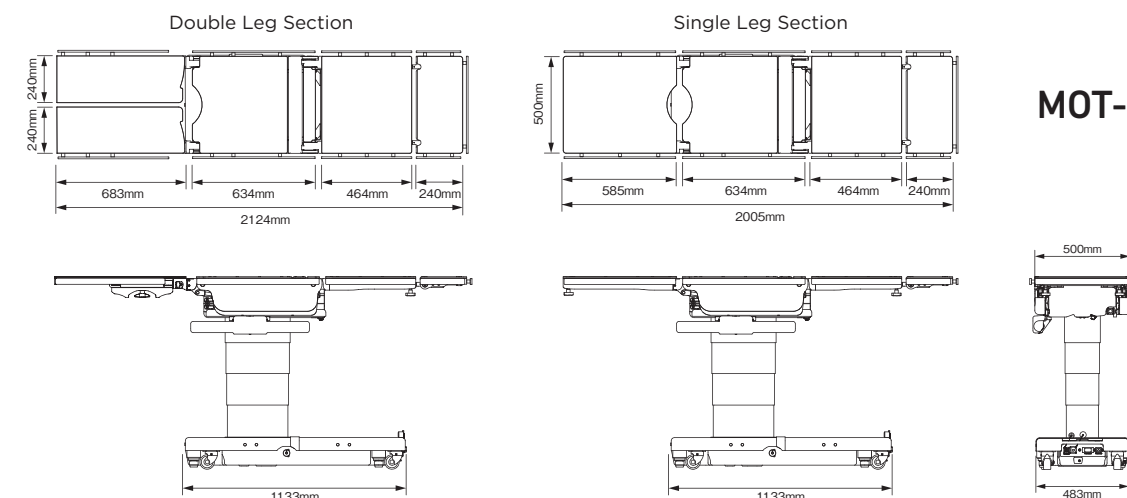
Main Material

Table Plate	Paper / Phenolic Laminate
Side Rail	SUS304F Stainless Bar
Side Frame	AC7A Aluminum Alloy Casting
Elevation Column (Inside)	FCD450 Iron Casting
Elevation Column (Cover)	SUS304CP Stainless
Base	FC250 Gray Iron Casting

Operating Environment

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

Outer Dimension Drawing



MOT-VS700UKI

Table Functions

