

MOT-VS700




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EC

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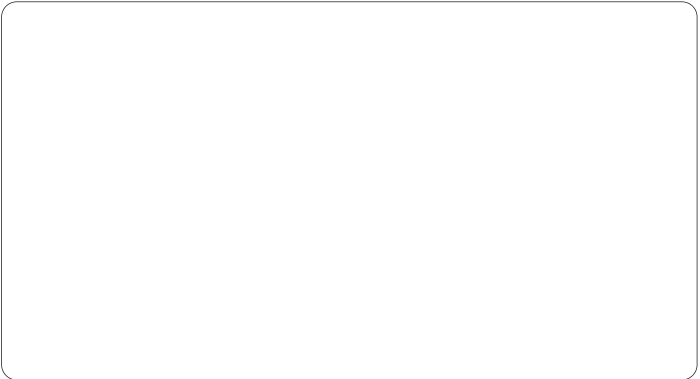
CE


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.

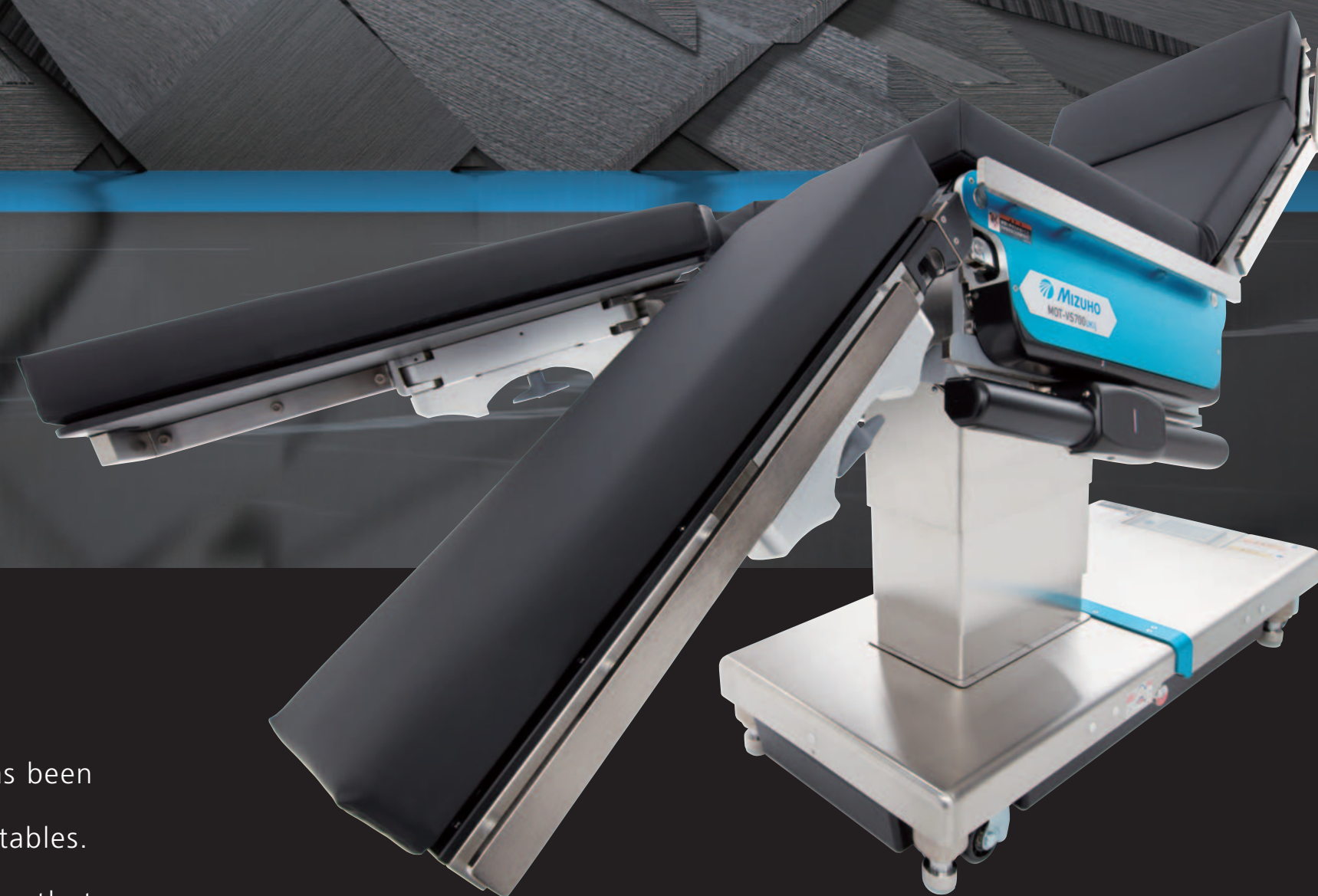
☐ For after-sale support, contact your local dealer / distributor.



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.



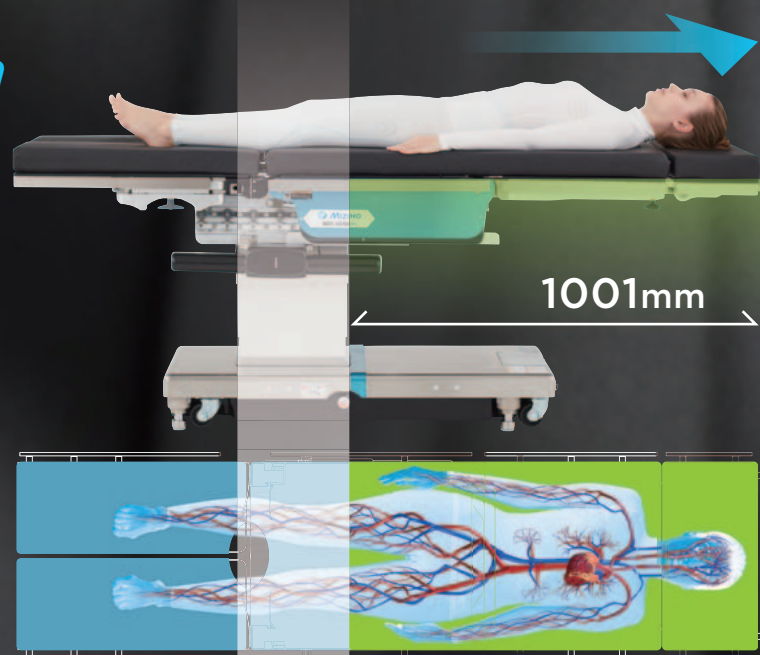
MOT-VS700

665 mm Sliding Stroke

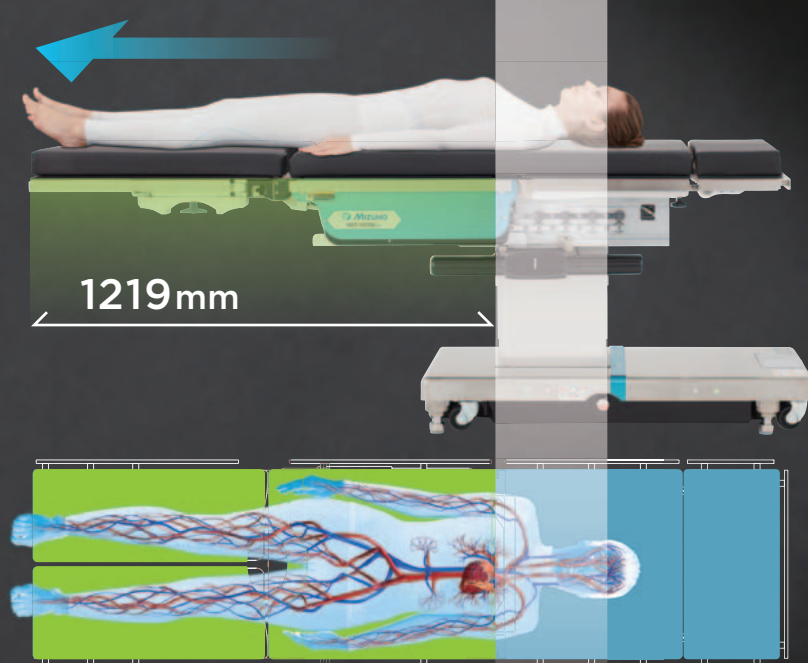
Best-in-class table top sliding stroke

- 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

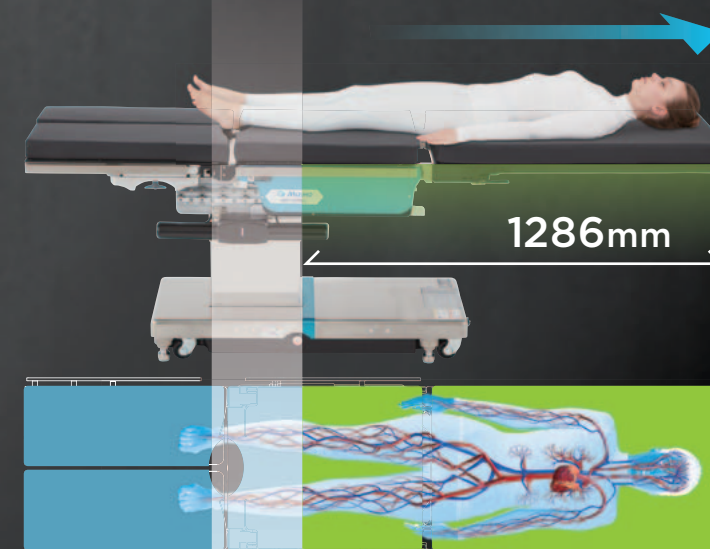


Slide to Leg in Normal Position



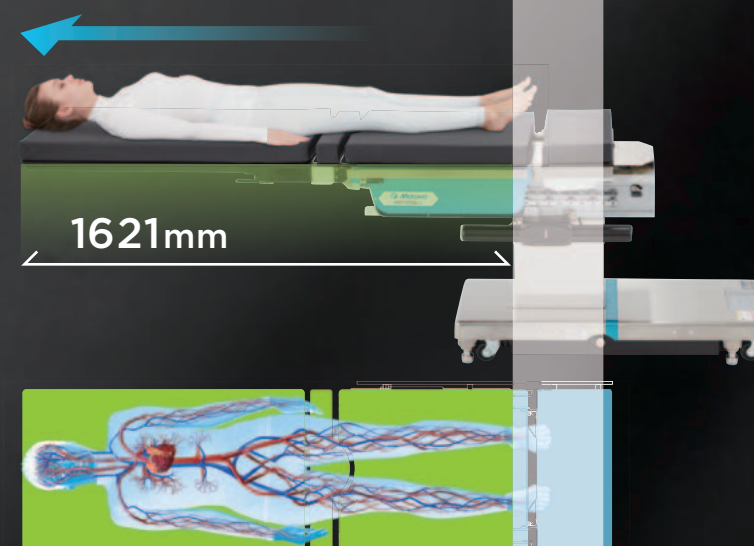
Slide to Head in Normal Position

+ 100cm Carbon Extension



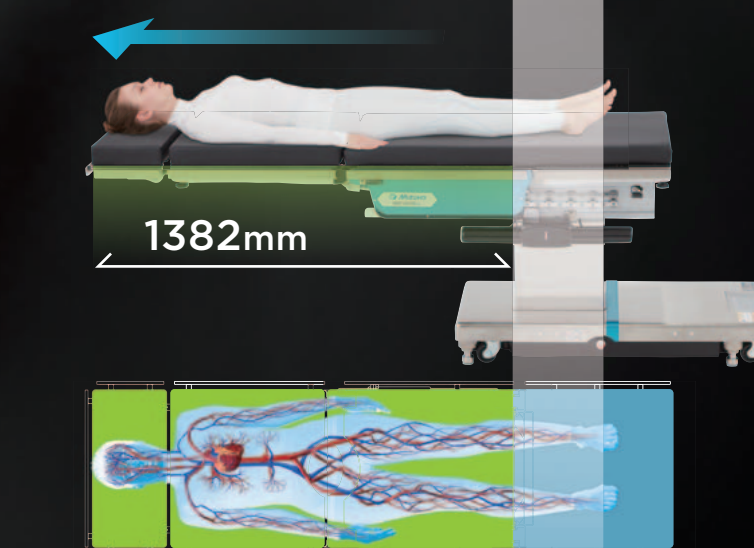
Slide to Head in Reverse Position

+ Leg-side Reversal Adapter
+ 100cm Carbon Extension



Slide to Head in Reverse Position

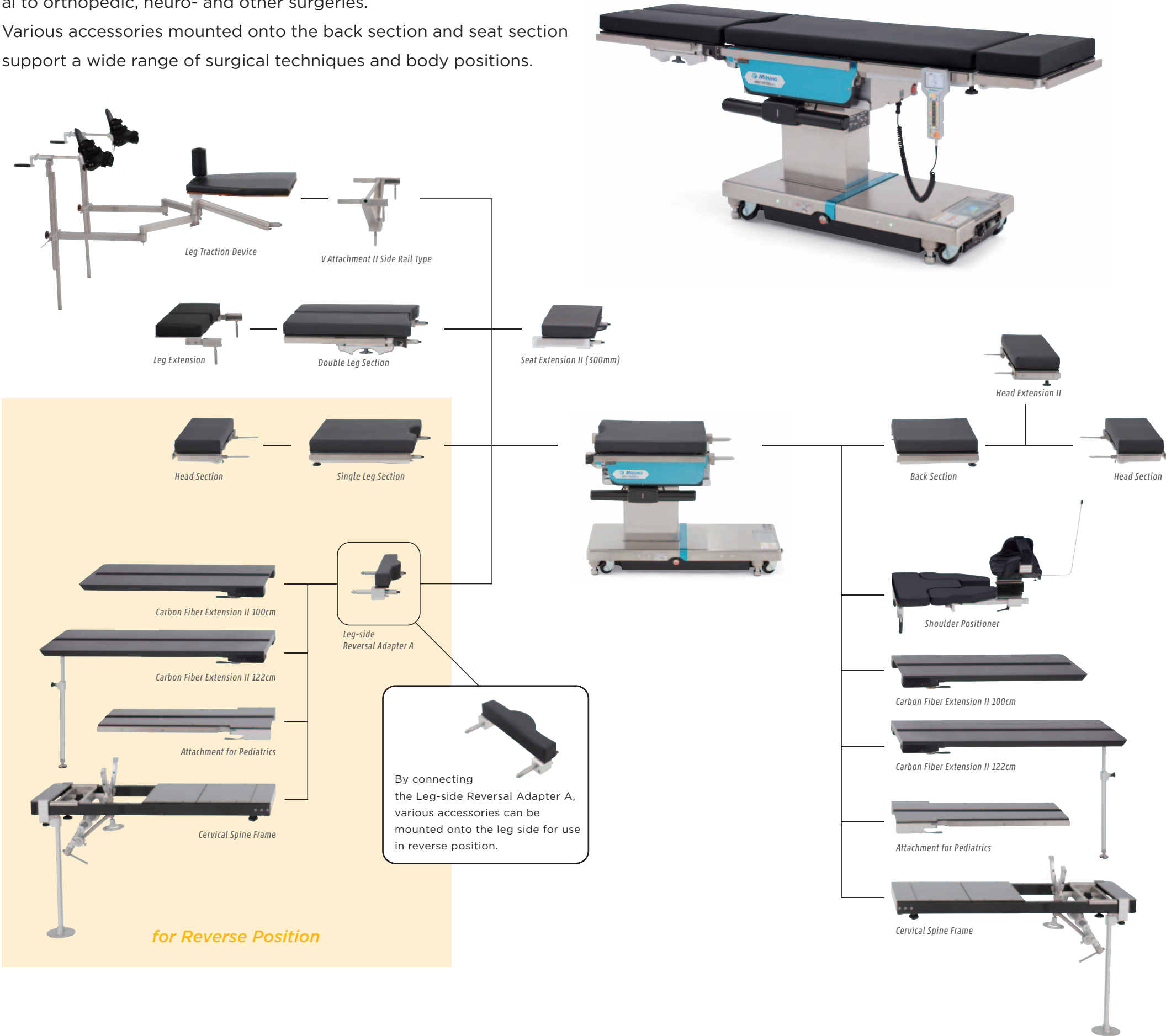
+ Single Leg Section
+ Head Section



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.



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.



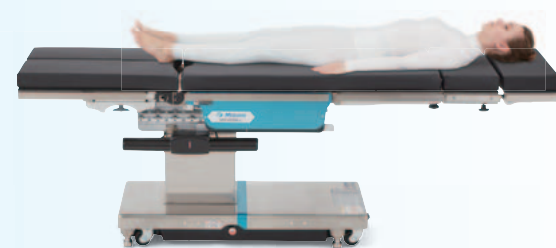
With Carbon Extension in Reverse Position

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

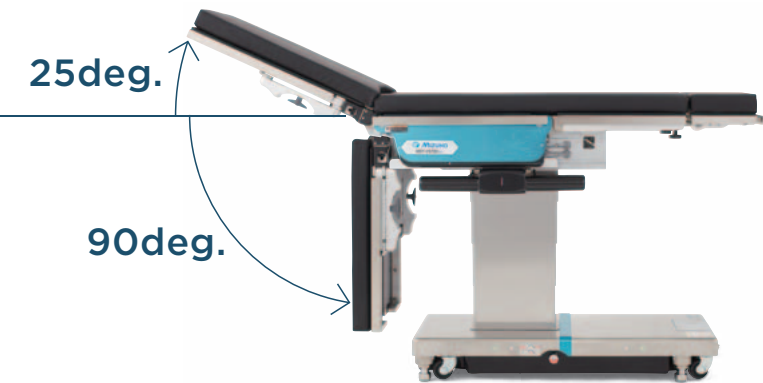
Attaching the Head Extension improves working space and surgical access for the upper body in neurosurgery, ENT, ophthalmology as well as procedures using C-arm.

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.

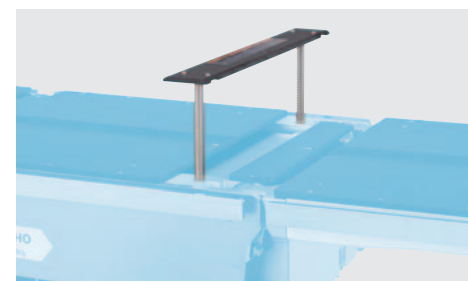


Powered Leg Section

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 microsurgeries.
- Ensures optimal heights for performing spinal surgeries.

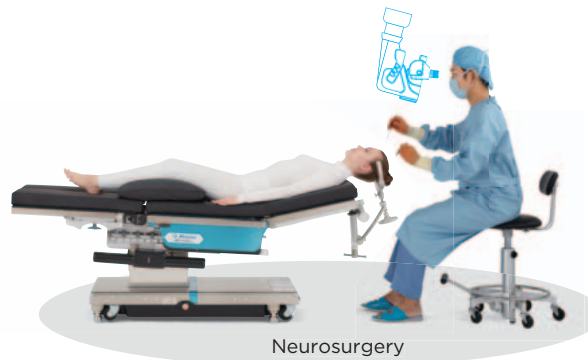


Bariatric Surgery



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.

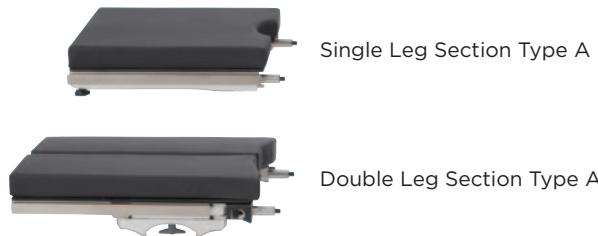


Lift : **450kg**
Articulation : **360kg**

Other / Safety Features

Leg Section of Your Choice

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



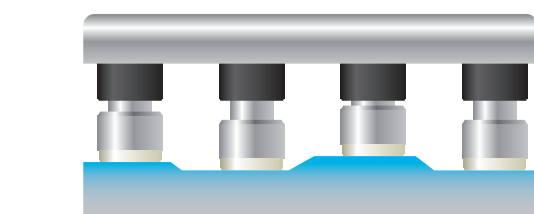
Touch Panel AUX Switch

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.



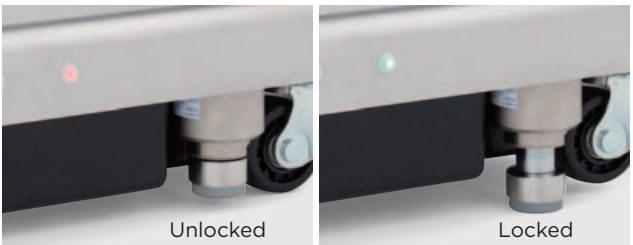
4 Way Leg Section

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



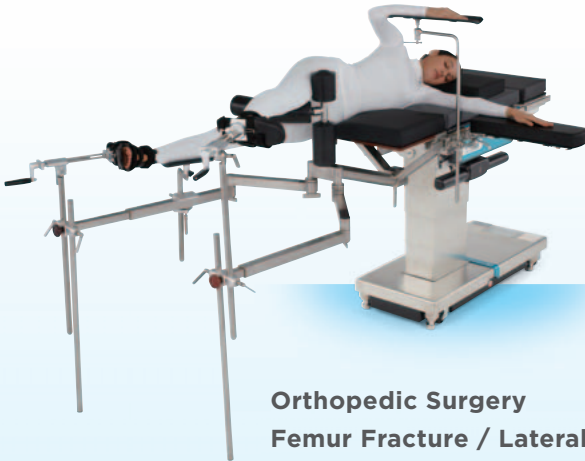
Traumatology / Shoulder Surgery



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

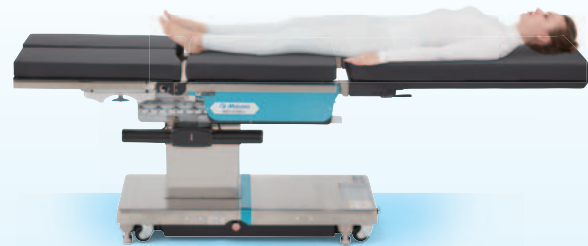
Normal Position



Laparoscopic Surgery



Neurosurgery / Half Sitting Position



Cardiovascular Surgery



Robotic Surgery



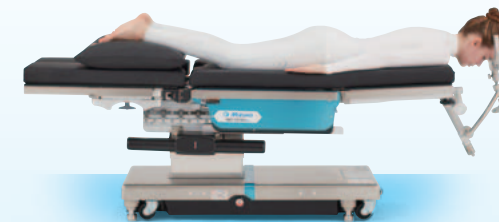
Neurosurgery / Park-bench Position



Kidney Surgery



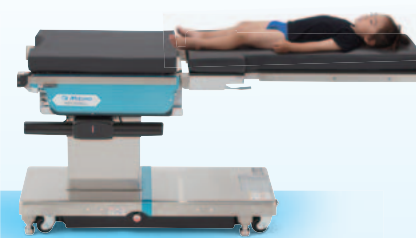
Urology / OB-GYN



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) |
|-----------|--|

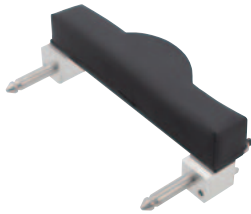
Radiographic Table Top for Seat Extension

| | |
|-----------|---|
| 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

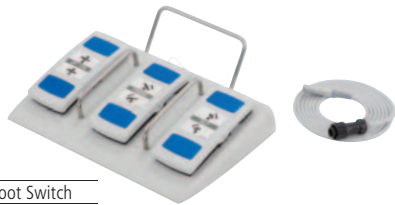
Required to attach accessories to the leg side

| | | |
|-----------|-----------------------------|----------------------|
| 08-077-70 | Leg-side Reversal Adapter A | JP, US, EU Side Rail |
|-----------|-----------------------------|----------------------|

*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 |



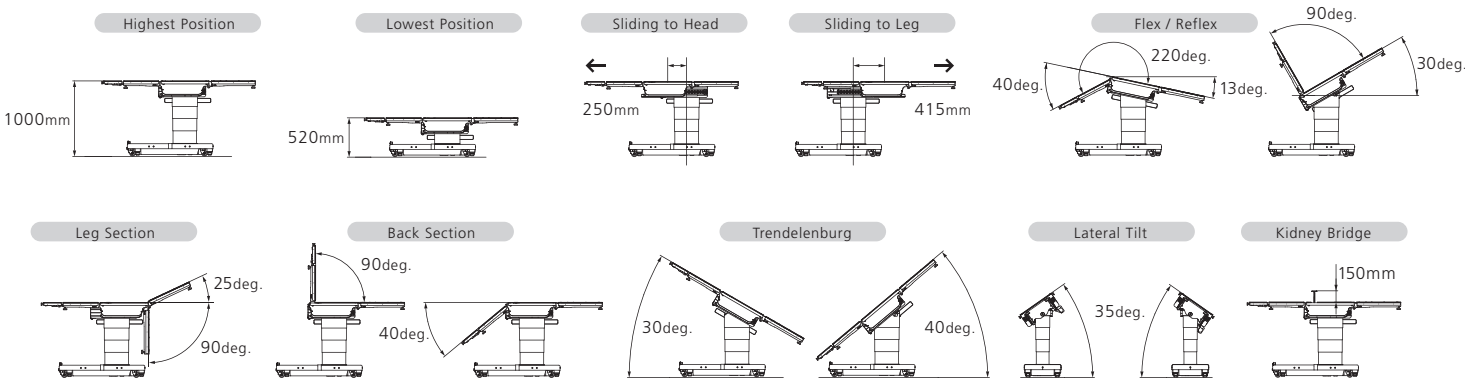
Foot Switch

| | |
|-----------|-------------|
| 18-443-43 | Foot Switch |
|-----------|-------------|



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 |
| | 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 | | |

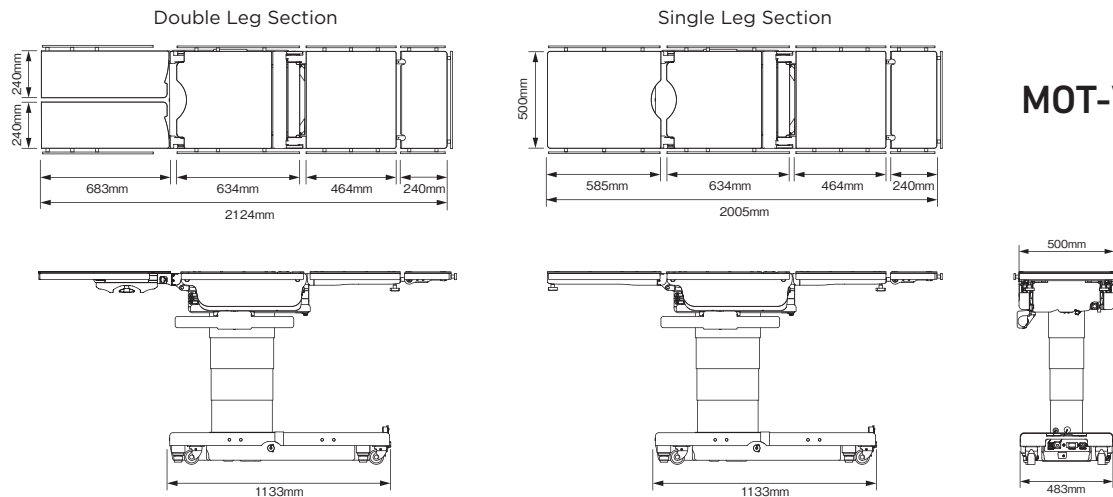
Main Material

| | |
|--------------------------|-----------------|
| 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