

# MOT-VS500Series



  
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\* All published CG photos and illustrations have been from images.  
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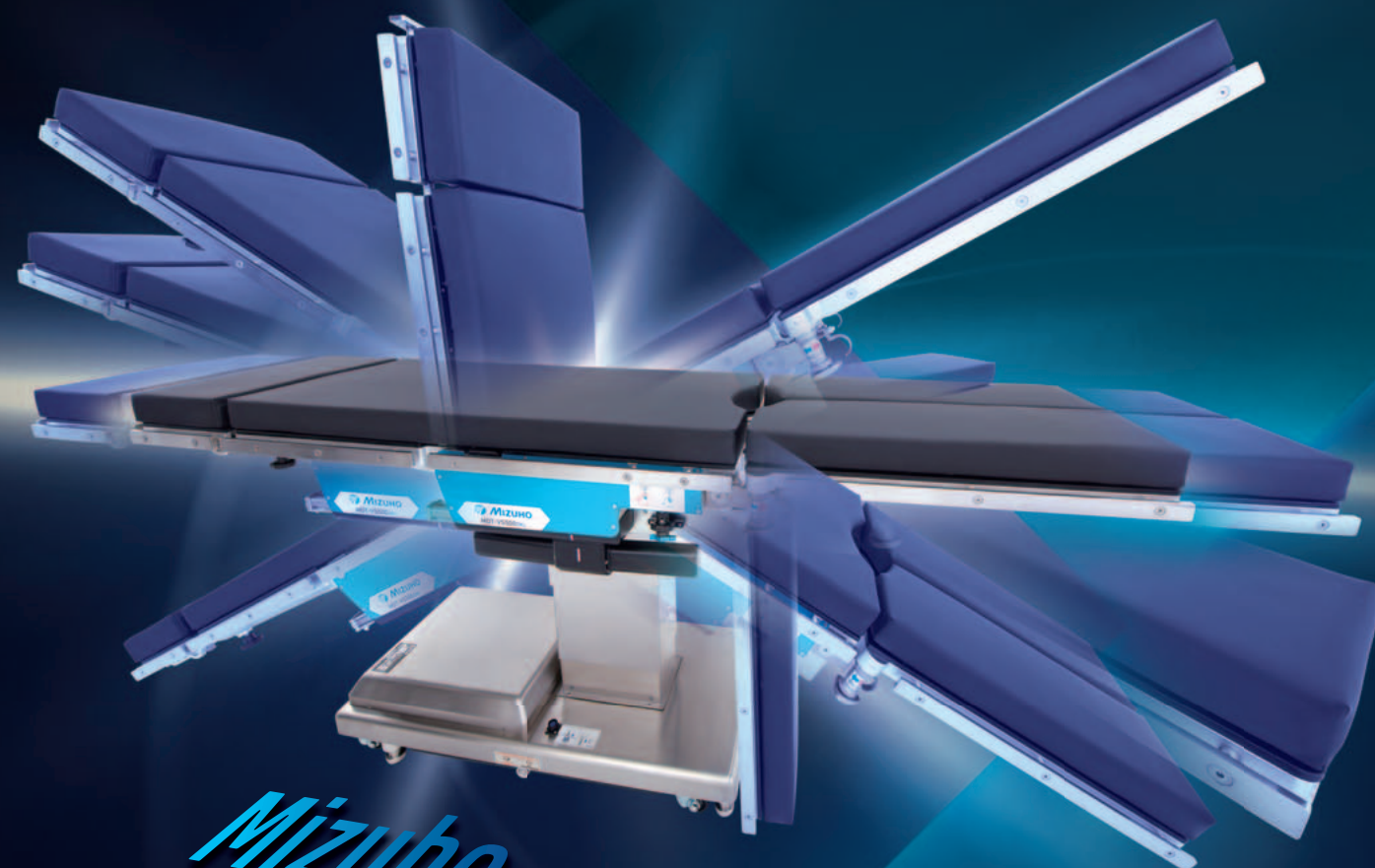
CE

  
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-VS500Series



# Mizuho General Surgery Table

The MOT-VS500 series of operating tables possess excellent accessible functions for imaging which ensure adequate sliding ranges. These functions help the surgeons and surgical staffs to easily facilitate the setting of the patients' positioning.

The sliding functions open up work space and the imaging area to not only the leg side but also to the head side. It is designed so that imaging can be comfortably carried out and easy access can be provided to the abdomen and thorax.

In addition, the tables are standardly equipped with a powered Kidney Bridge, which easily provides access to the kidney without the patients having to be lifted up.

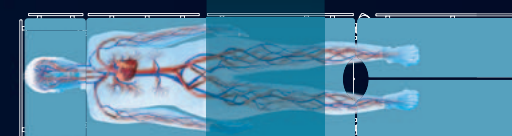
Complete body imaging can be obtained without the patients having to be moved, and without the table needing to be assembled beforehand.

## 530mm Total Slide Stroke



MOT-VS500DK

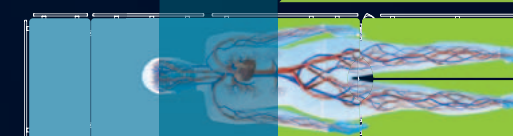
310mm Slide to Head  
**530mm** Total Slide Stroke  
 220mm Slide to Leg



995mm

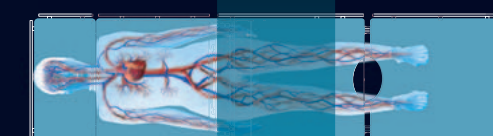
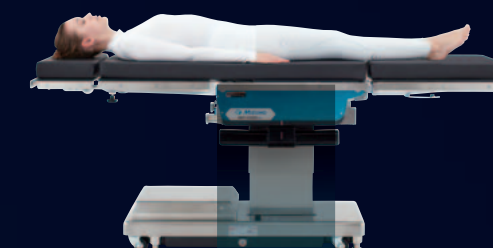


1105mm



MOT-VS500SK

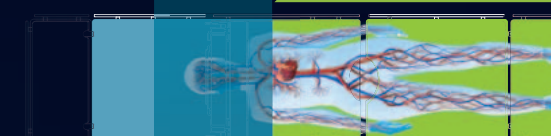
280mm Slide to Head  
**530mm** Total Slide Stroke  
 250mm Slide to Leg



965mm



1218mm



Move the Head Section to the legs



Features

**Built-in  
Kidney bridge**

**Manual  
Double Leg Section**

**Reverse Position**  
\*Leg-side Reversal Adapter is required.

**310mm** Slide to Head  
**530mm** Total Slide Stroke  
**220mm** Slide to Leg

**MOT-VS500DK**

The VS500DK provides longitudinal direction sliding. It offers exceptional imaging access for trauma, gynecological, or urological surgeries. The double leg section provides easy access to the patient's body when they are opened.

**Built-in  
Kidney bridge**

**Powered  
Single Leg Section**

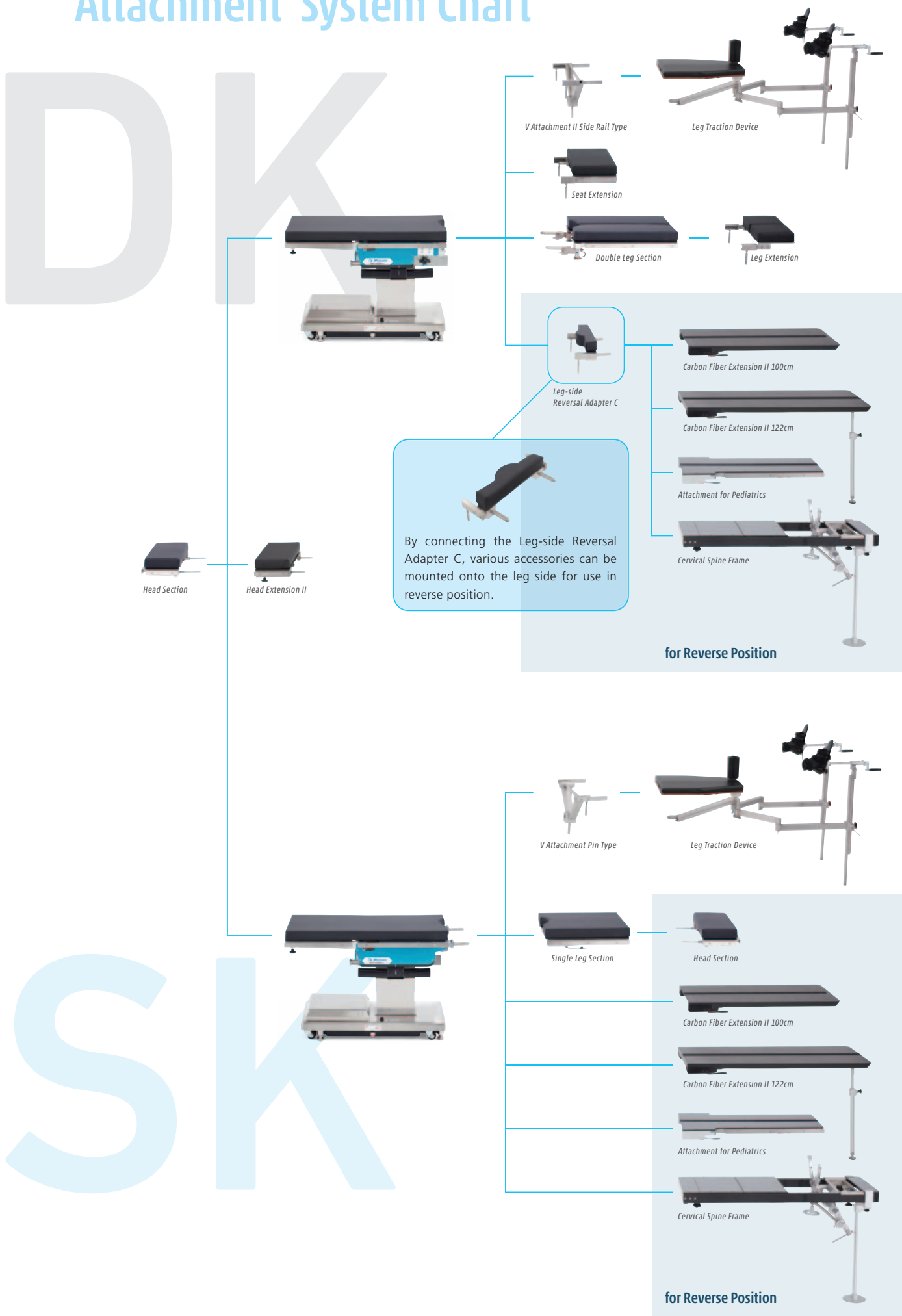
**Reverse Position**

**280mm** Slide to Head  
**530mm** Total Slide Stroke  
**250mm** Slide to Leg

**MOT-VS500SK**

The VS500SK provides longitudinal direction sliding. It offers exceptional imaging access for trauma, gynecological, or urological surgeries. The powered single leg section is operated by a hand controller. The usage of an adapter is not required in the reverse position.

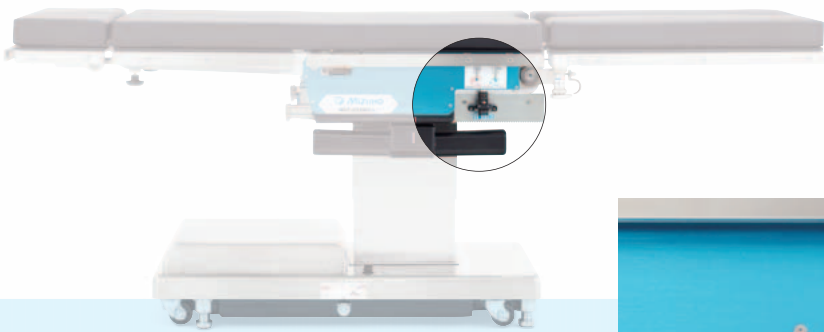
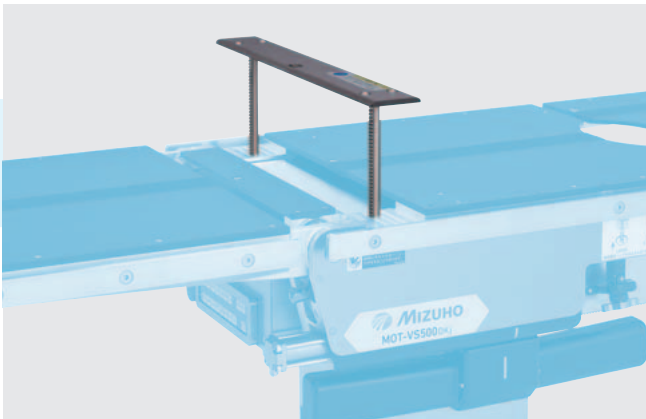
Attachment System Chart



# Other Features

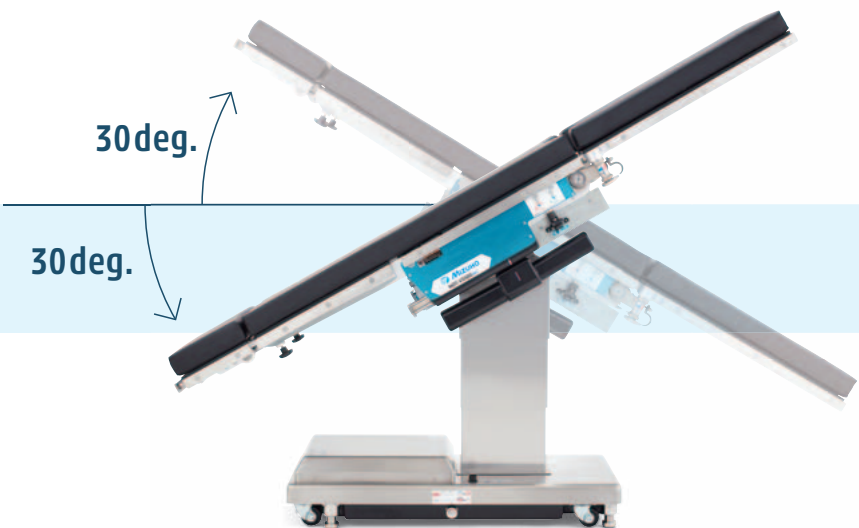
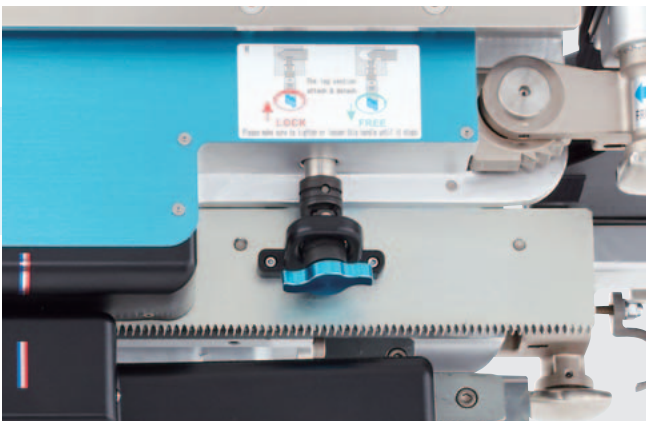
## Kidney Bridge

The powered 150 mm Lift Kidney Bridge is mounted as standard. If sufficient angles in jack-knife positions cannot be obtained, this provides further angles.



## Easy Removable Leg Section (VS500DK)

Knob screws are used to simply detach the leg section, and the mechanism is configured so that it can be released when it is horizontal. It is sturdily secure, and the leg section can be easily and speedily detached.



## Trendelenburg

Trendelenburg angle tilting up to a maximum of 30 deg. can be obtained for the envisioned support of robotic surgeries.

# Safety Features



Lift : **270 kg**  
Articulation : **250 kg**

## Weight Capacity

The maximum weight capacity is 270 kg / 600 lbs.

## AUX Switch

Flush mounted Aux Switch is located directly underneath the tabletop to permit swift responses if the hand controller malfunctions.



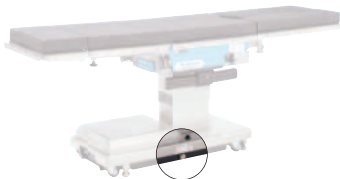
## Emergency Stop Switch

If the emergency stop switch is pressed, the table's power supply is immediately shut off so that various electrical problems can be dealt with.



## Emergency Brake Release Knob

For releasing the brake manually in case of power outage.



## Battery Indicator

Easily check the battery level at a glance via the battery indicator.





# Normal Position



Laparoscopic Surgery



Orthopedic Surgery  
Femur Fracture / Supine Position



Half Sitting Position



Nephrectomy / Lateral Position



Orthopedic Surgery  
Femur Fracture / Lateral Position



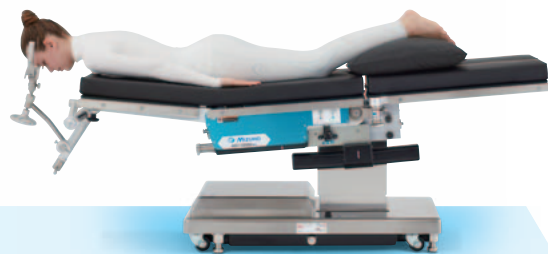
Park-bench Position



Urology / OB-GYN



Orthopedic Surgery  
Tibia Fracture / Supine Position



Prone Position



Bariatric Surgery



Orthopedic Surgery  
Shoulder / Beach Chair Position



Traumatology / Hand Surgery

# Reverse Position



General Surgery  
SK



Spine Surgery  
DK SK



Cardiovascular Surgery  
DK SK



Traumatology / Hand Surgery  
SK

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

\* Ultra Shoulder Positioner® is sold by Mizuho OSI

Image for illustration purpose only.

Optional Accessories

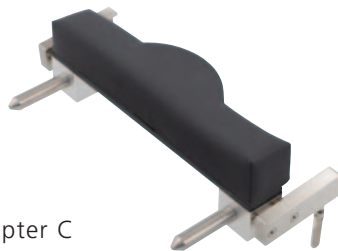


VS500DK-IF VS500SK-IF

IR Remote Hand Controller

Applicable Model : VS500DK-IF / VS500SK-IF

18-043-62	IR Remote Hand Controller for VS500DK TypeB	JP Side Rail
18-043-63	IR Remote Hand Controller for VS500DK TypeC	US/EU Side Rail
18-043-65	IR Remote Hand Controller for VS500SK TypeB	JP Side Rail
18-043-66	IR Remote Hand Controller for VS500SK TypeC	US/EU Side Rail



Leg-side Reversal Adapter C

Applicable Model : VS500DK / VS500DK-IF

08-077-50	Leg-side Reversal Adapter C	JP Side Rail
08-077-50-R1	Leg-side Reversal Adapter C (R1)	US Side Rail
08-077-50-R2	Leg-side Reversal Adapter C (R2)	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

Applicable Model : VS500DK-IF / VS500SK-IF

18-443-50	Foot Switch TypeA
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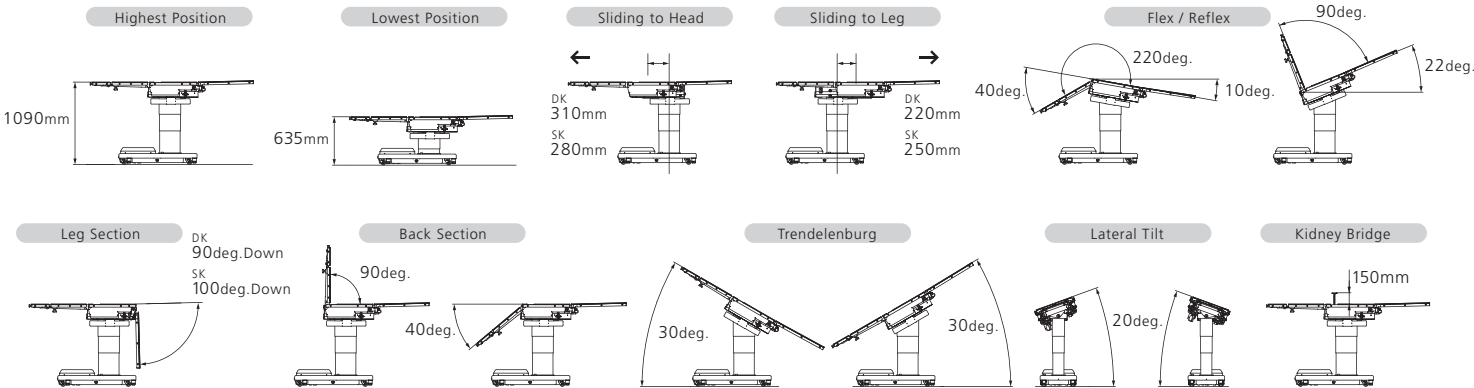
Digital Radiographic Table Tops Fixed Type

\*Digital Film compatible



Radiographic Table Tops Fixed Type

Table Functions



Specifications

MOT-VS500DK / DK-IF

MOT-VS500SK / SK-IF

Product Description		MOT-VS500DK		MOT-VS500DK-IF		MOT-VS500SK		MOT-VS500SK-IF	
Product Code	JP Side Rail	MOT-VS500DKj	18-500-20	MOT-VS500DKj-IF	18-505-20	MOT-VS500SKj	18-510-20	MOT-VS500SKj-IF	18-515-20
	EU Side Rail	MOT-VS500DKe	18-500-30	MOT-VS500DKe-IF	18-505-30	MOT-VS500SKe	18-510-30	MOT-VS500SKe-IF	18-515-30
	US Side Rail	MOT-VS500DKa	18-500-70	MOT-VS500DKa-IF	18-505-70	MOT-VS500SKa	18-510-70	MOT-VS500SKa-IF	18-515-70
Trade Name		Operating Table MOT-VS500				Operating Table MOT-VS500			
Drive System		Electro Hydraulic System				Electro Hydraulic System			
Country of Origin		Japan				Japan			
Elevation Range		635 mm - 1090 mm				635 mm - 1090 mm			
Trendelenburg		Head Up 30 deg. / Head Down 30 deg.				Head Up 30 deg. / Head Down 30 deg.			
Lateral Tilt		20 deg. Left / Right				20 deg. Left / Right			
Back Section		90 deg. Up / 40 deg. Down				90 deg. Up / 40 deg. Down			
Flex Angle (Auto Position)		220 deg.				220 deg.			
Reflex Angle (Auto Position)		90 deg.				90 deg.			
Table Top Slide		530 mm (310 mm to Head, 220 mm to Leg)				530 mm (280 mm to Head, 250 mm to Leg)			
Head Section		60 deg. Up / 90 deg. Down				60 deg. Up / 90 deg. Down			
Leg Section		90 deg. Down				100 deg. Down			
Leg Section Opening Angle		90 deg.				—			
Kidney Bridge		150 mm				150 mm			
Return to Level		Trendelenburg / Lateral Tilt / Back Section / Flex / Reflex / Kidney				Trendelenburg / Lateral Tilt / Back Section / Leg Section / Flex / Reflex / Kidney			
Maximum Permissible Load Elevation		270 kg (600 lbs.) in Normal 135 kg (300 lbs.) in Reverse				270 kg (600 lbs.) in Normal 135 kg (300 lbs.) in Reverse			
Maximum Permissible Load Articulation		250 kg (555 lbs.) in Normal 135 kg (300 lbs.) in Reverse				250 kg (555 lbs.) in Normal 135 kg (300 lbs.) in Reverse			
Table Top Dimensions		500 mm x 2133 mm				500 mm x 2004 mm			
Base Dimensions		483 mm x 1033 mm				483 mm x 1033 mm			
Table Weight		360 kg				370 kg			
Supply Voltage		AC 100 - 240 V				AC 100 - 240 V			
Power Consumption		400 VA				400 VA			
Battery Power		DC 24 V				DC 24 V			
Operating Voltage		DC 5 V, 24 V				DC 5 V, 24 V			
IR Wireless Hand Controller Option		Not Available		Available		Not Available		Available	
Foot Switch Option		Not Available		Available		Not Available		Available	
Standard Accessories		Table Pads / Wired Hand Controller				Table Pads / Wired Hand Controller			
Power Cord Options		To be selected according to country type				To be selected according to country type			

Main Material

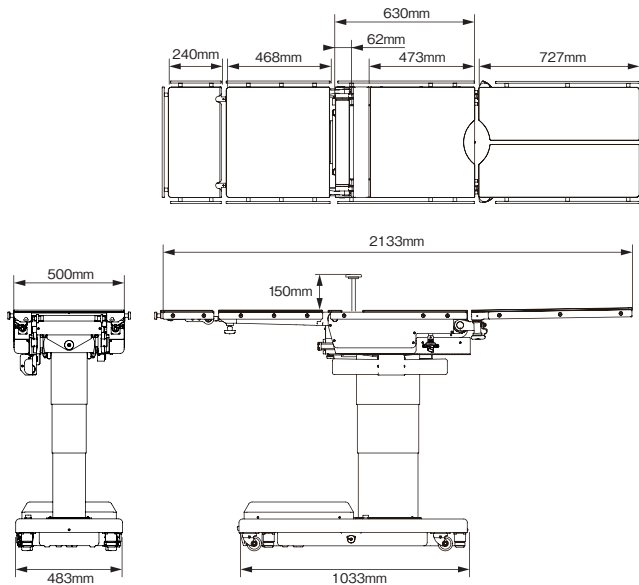
Table Plate	Phenolic Resin
Side Rail	Stainless Steel
Side Frame	Aluminum Alloy
Elevation Column (Cover)	Stainless Steel
Base (Cover)	Stainless Steel

Operating Environment

Ambient Temperature	10 to 40 °C
Relative Humidity	30 to 75 % (without moisture condensation)
Atmospheric Pressure	700 to 1060 hPa

Outer Dimension Drawing

MOT-VS500DK / DK-IF



MOT-VS500SK / SK-IF

