

MOT-VS500 Series



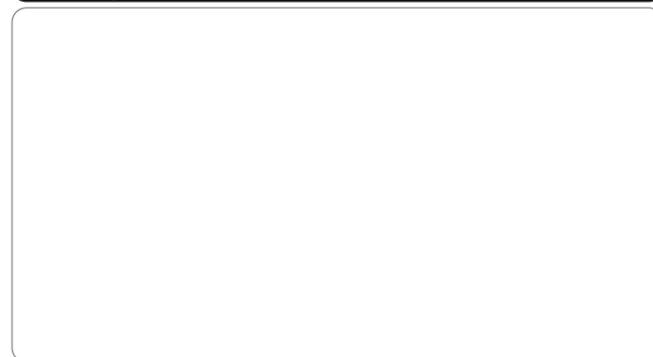
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Tokyo, JAPAN

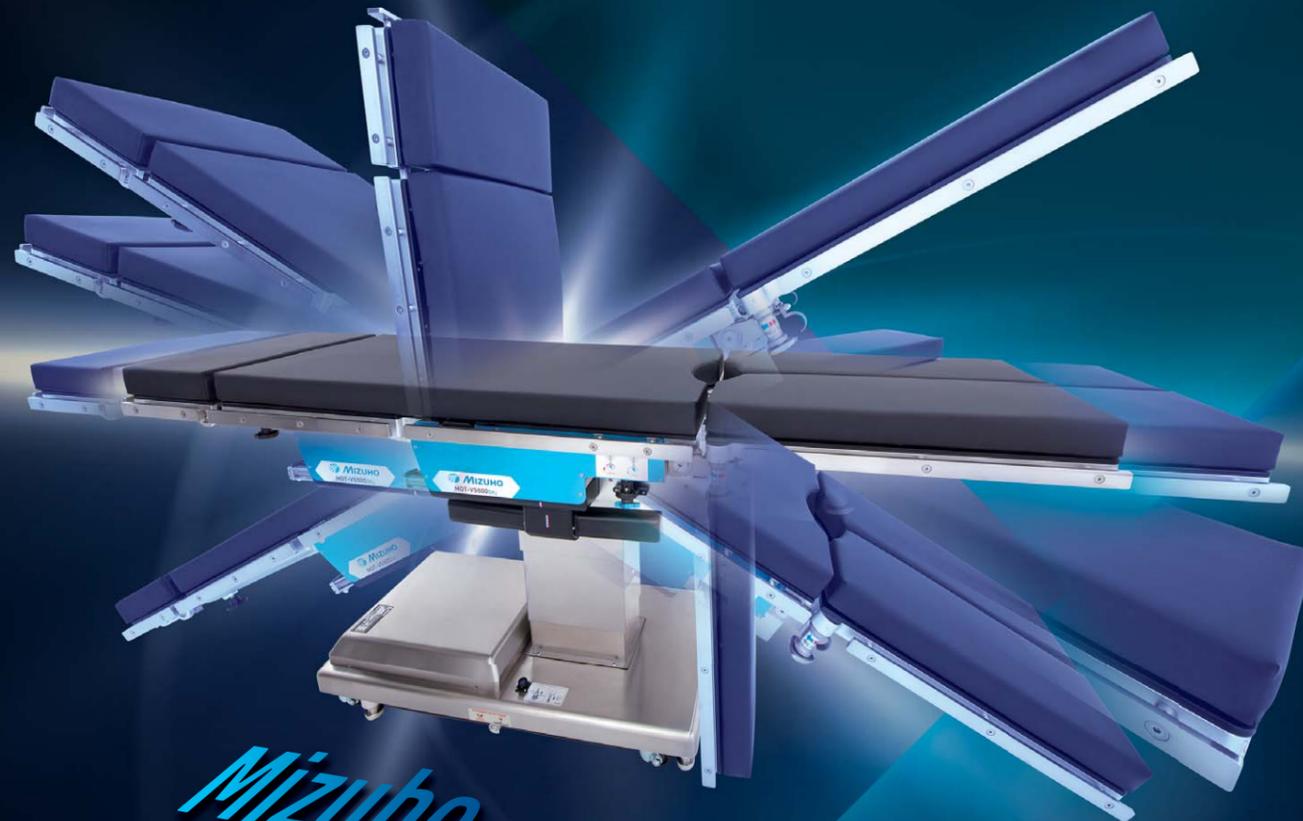
 Caution	<ul style="list-style-type: none">• Be sure not to use the product until you have carefully read the instruction manual and attached document and correctly understood their contents.• Be sure to carry out without fail the periodic inspections and the pre- and post-operative inspections.• For 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-VS500 Series

* 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.

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



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 staff 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 motorized Kidney Bridge, which easily provides access to the kidney without the patients having to be lifted up.

53cm Total Slide Stroke

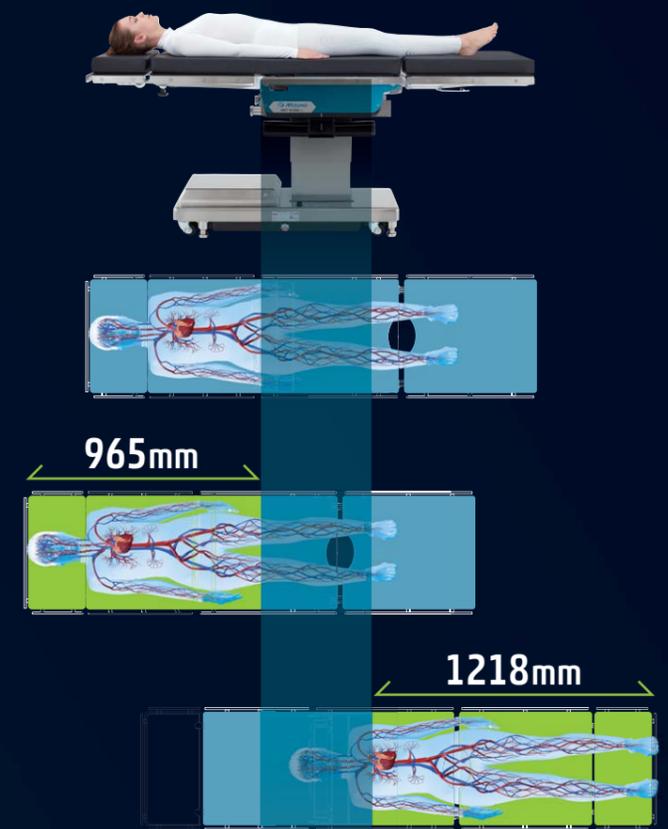
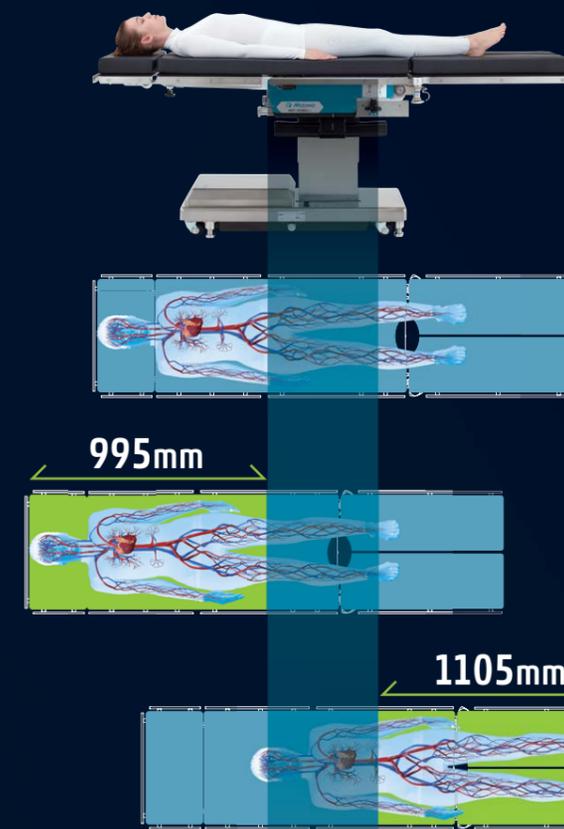


MOT-VS500DK

31cm slide to Head
53cm Total Slide Stroke
 22cm slide to Leg

MOT-VS500SK

28cm slide to Head
53cm Total Slide Stroke
 25cm slide to Leg



Move the Head Section to the legs

Features

**Built-in
Kidney bridge**

**Manual
Double Leg Section**

Reverse Position

*Leg-side Reversal Adapter is required.

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.

31cm Slide to Head

53cm
Total Slide Stroke

22cm Slide to Leg

**Built-in
Kidney bridge**

**Motorized
Single Leg Section**

Reverse Position

MOT-VS500SK

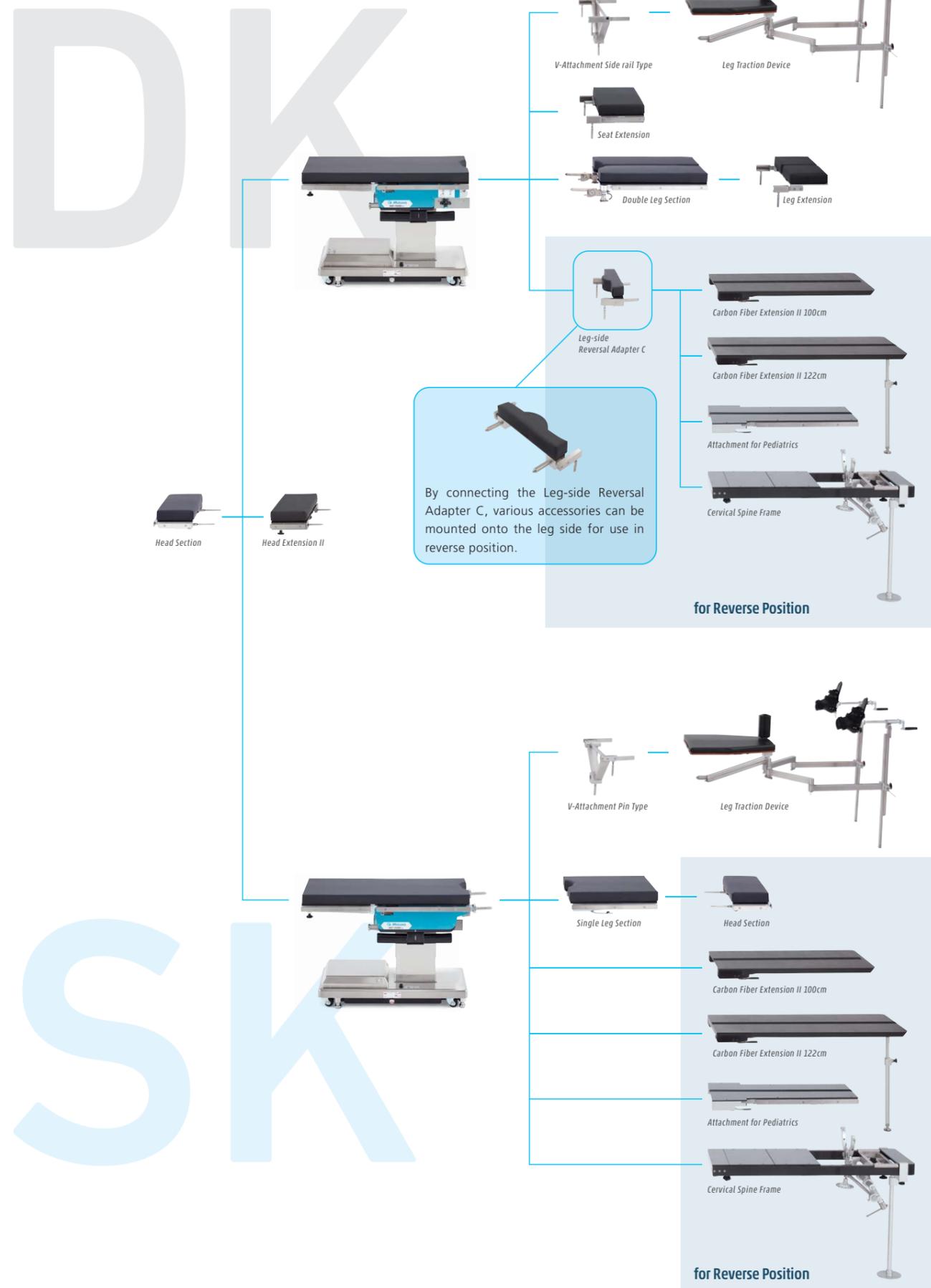
The VS500SK provides longitudinal direction sliding. It offers exceptional imaging access for trauma, gynecological, or urological surgeries. The motorized single leg section is operated by a hand pendant. The usage of an adapter is not required in the reverse position.

28cm Slide to Head

53cm
Total Slide Stroke

25cm Slide to Leg

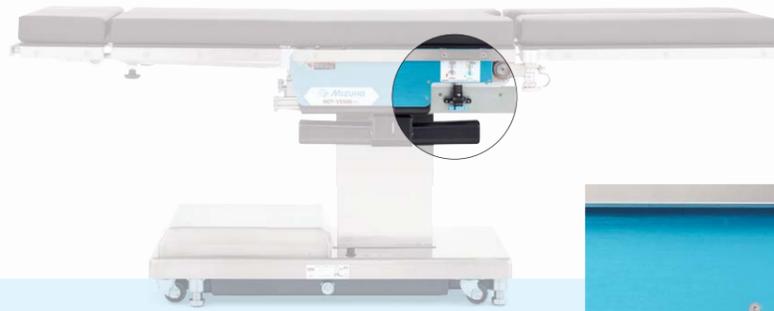
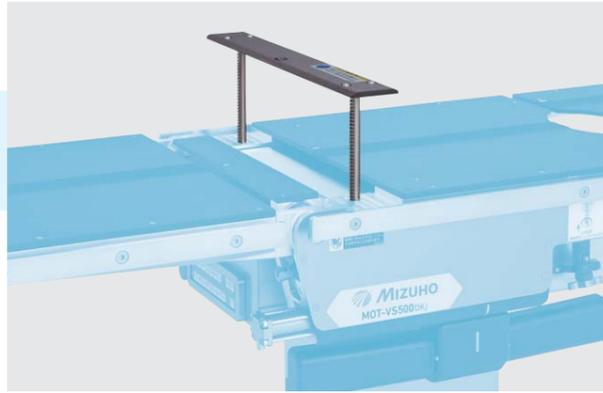
Attachment System Chart



Other Features

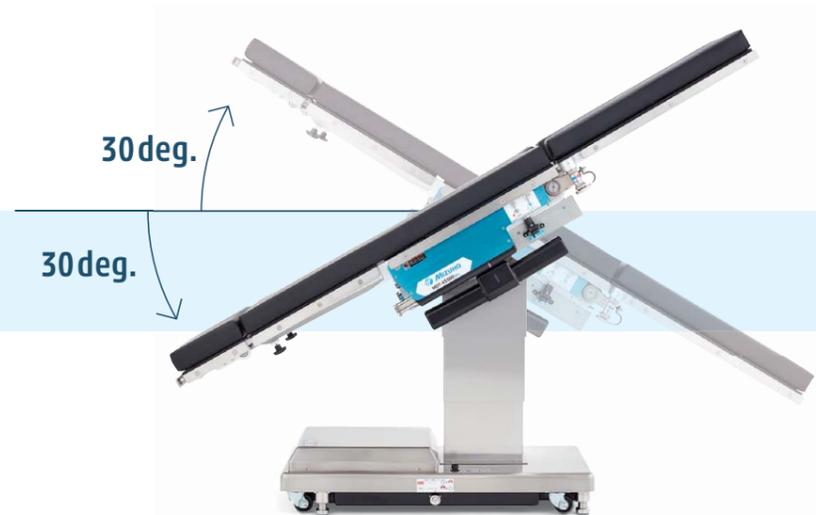
Kidney Bridge

The motorized 150mm 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 30deg. can be obtained for the envisioned support of robotic surgeries.

Safety Features



250 KG
any positions

Weight Capacity

The patient weight capacity for elevation and articulation is 250 kg / 550 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

Support OR staffs to manually release the brake in case of power outage or power supply problems.



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



General Surgery
SK



Nephrectomy / Lateral Position



Orthopedic Surgery
Femur Fracture / Lateral Position



Park-bench Position



Spine Surgery
DK SK



Urology / OB-GYN



Orthopedic Surgery
Tibia Fracture / Supine Position



Prone Position



Cardiovascular Surgery
DK SK



Bariatric Surgery



Orthopedic Surgery
Shoulder / Beach Chair Position



Traumatology / Hand Surgery



Traumatology / Hand Surgery
SK

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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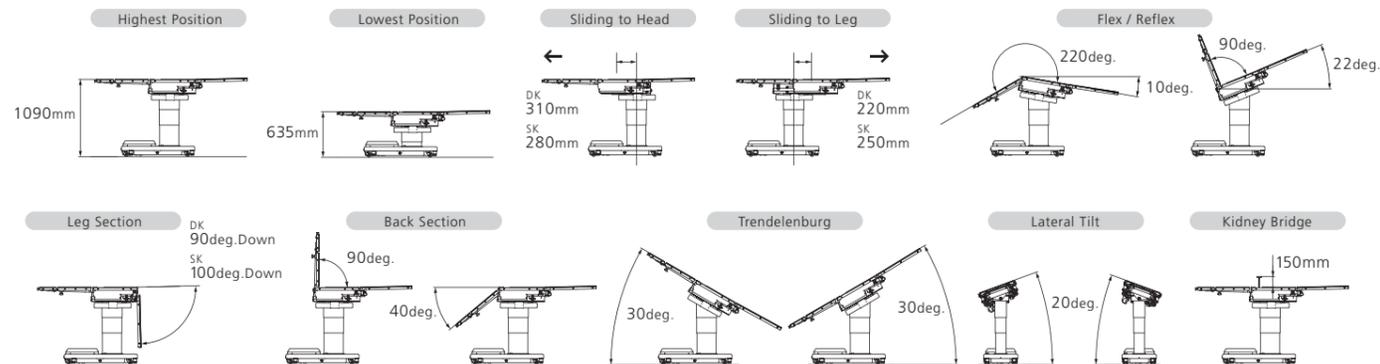
Digital Radiographic Table Tops Fixed Type

*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-VS500Dk 18-500-20 EU Side Rail MOT-VS500Dke 18-500-30 US Side Rail MOT-VS500Dka 18-500-70	MOT-VS500DKj-IF 18-505-20 MOT-VS500DKe-IF 18-505-30 MOT-VS500DKa-IF 18-505-70	MOT-VS500Sk 18-510-20 MOT-VS500Ske 18-510-30 MOT-VS500Ska 18-510-70	MOT-VS500Skj-IF 18-515-20 MOT-VS500Ske-IF 18-515-30 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	635mm - 1090mm		635mm - 1090mm	
Trendelenburg	Head Up 30deg. / Head Down 30deg.		Head Up 30deg. / Head Down 30deg.	
Lateral Tilt	20deg. Left / Right		20deg. Left / Right	
Back Section	90deg. Up / 40deg. Down		90deg. Up / 40deg. Down	
Flex Angle (Auto Position)	220 deg.		220 deg.	
Reflex Angle (Auto Position)	90 deg.		90 deg.	
Table Top Slide	530mm (310mm to Head, 220mm to Leg)		530mm (280mm to Head, 250mm to Leg)	
Head Section	60deg. Up / 90deg. Down		60deg. Up / 90deg. Down	
Leg Section	90deg. Down		100deg. Down	
Leg Section Opening Angle	90deg.		—	
Kidney Bridge	150mm		150mm	
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	250Kg (550lbs.) in Normal 135Kg (298lbs.) in Reverse		250Kg (550lbs.) in Normal 135Kg (298lbs.) in Reverse	
Maximum Permissible Load Articulations	250Kg (550lbs.) in Normal 135Kg (298lbs.) in Reverse		250Kg (550lbs.) in Normal 135Kg (298lbs.) in Reverse	
Table Top Dimensions	500mm x 2133mm		500mm x 2004mm	
Base Dimensions	483mm x 1033mm		483mm x 1033mm	
Table Weight	360Kg		370Kg	
Supply Voltage	AC 100 - 240V		AC 100 - 240V	
Power Consumption	400VA		400VA	
Battery Power	DC 24V		DC 24V	
Operating Voltage	DC 5V, 24V		DC 5V, 24V	
IR Wireless Hand Controller Option	Not Available		Not Available	
Foot Switch Option	Not Available		Not 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

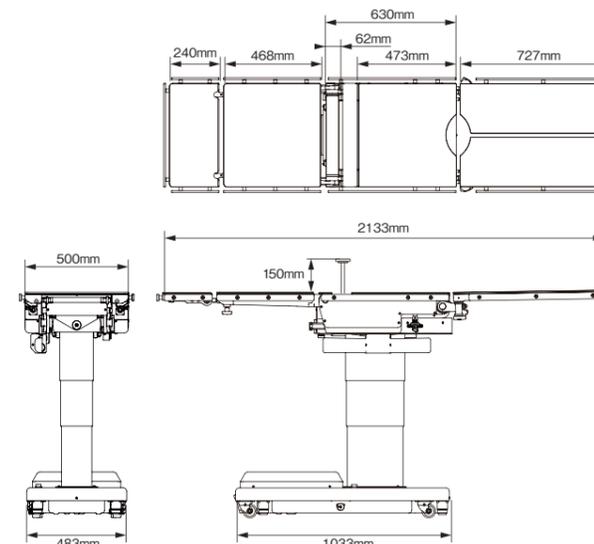
Table Plate	Phenolic Resin
Side Rail	SUS304F Stainless Bar
Side Frame	AC7A Aluminium Alloy Casting
Elevation Column (Inside)	FCD450 Iron Casting
Elevation Column (Cover)	SUS304CP Stainless
Base	FC250 Gray Iron Casting

Operating Environment

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

Outer Dimension Drawing

MOT-VS500DK / DK-IF



MOT-VS500SK / SK-IF

