


MOT-VS500Series



MIZUHO Corporation
Europe OR Equipment & Device Department
3-30-13 Hongo, Bunkyo-ku, Tokyo 113-0033, JAPAN
Phone +81-3-4334-9113
F a x +81-3-3815-3185
U R L <http://www.mizuho.co.jp>

Manufacturer
MIZUHO Corporation
Tokyo, JAPAN

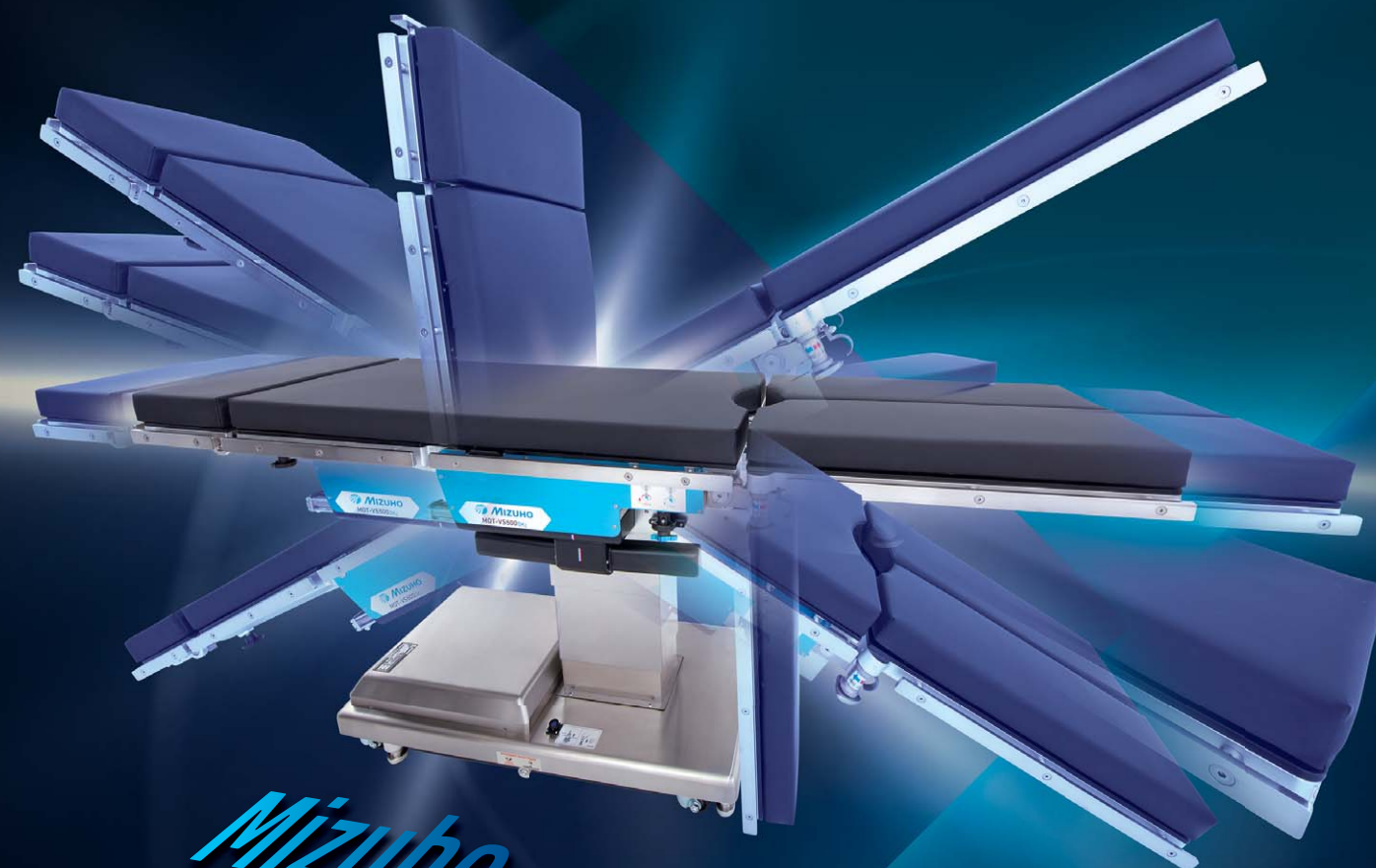
 Caution	• Be sure not to use the product until you have carefully read the instruction manual and attached document and correctly understood their contents.
	• Be sure to carry out without fail the periodic inspections and the pre- and post-operative inspections.
	• For details about after-the-sale service be sure to inquire at our Sales Branches or the dealer from whom you have purchased this product.



* 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.



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 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.

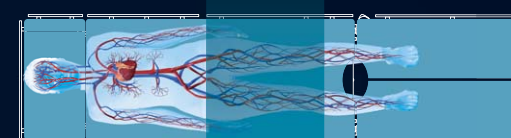
Complete body imaging can be obtained without the patients having to be moved, and without the table needing to be assembled beforehand.

53cm Total Slide Stroke

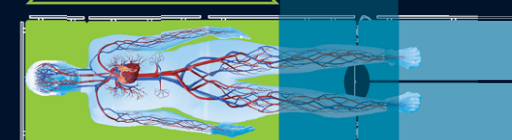


MOT-VS500DK

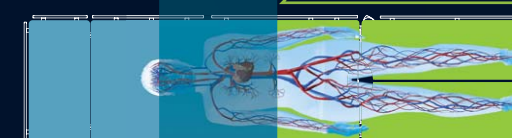
31cm Slide to Head
53cm Total Slide Stroke
 22cm Slide to Leg



995mm

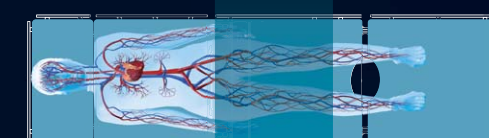


1105mm

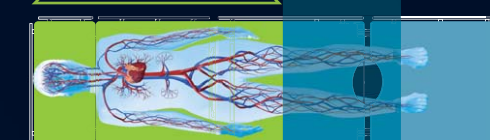


MOT-VS500SK

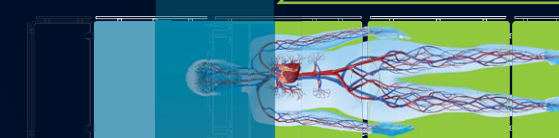
28cm Slide to Head
53cm Total Slide Stroke
 25cm Slide to Leg



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.

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

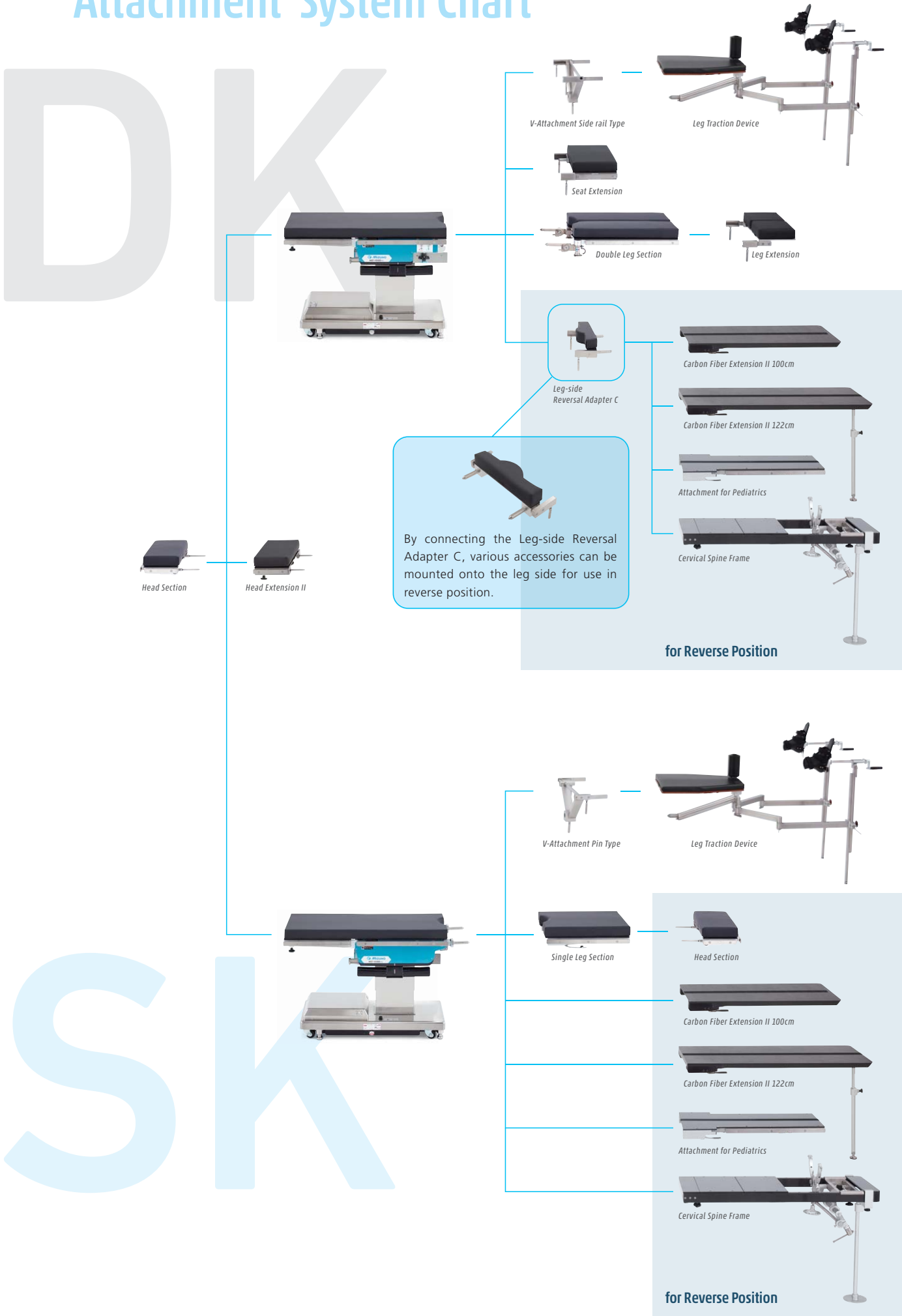
Reverse Position

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

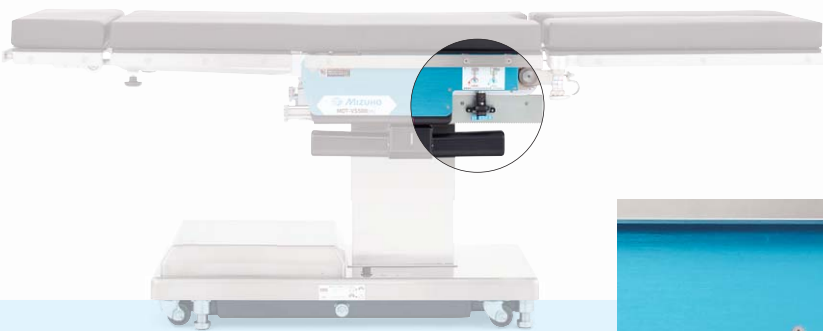
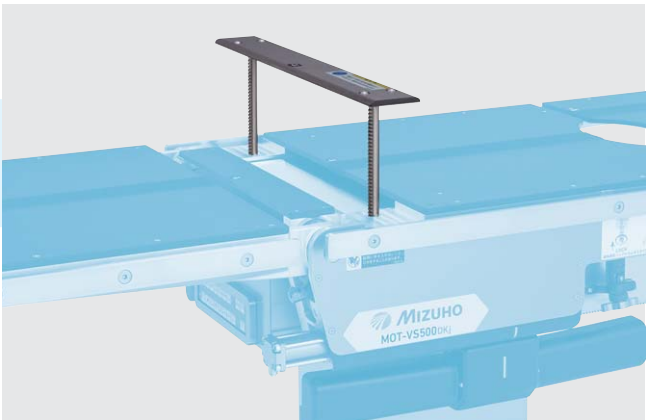
Attachment System Chart



Other Features

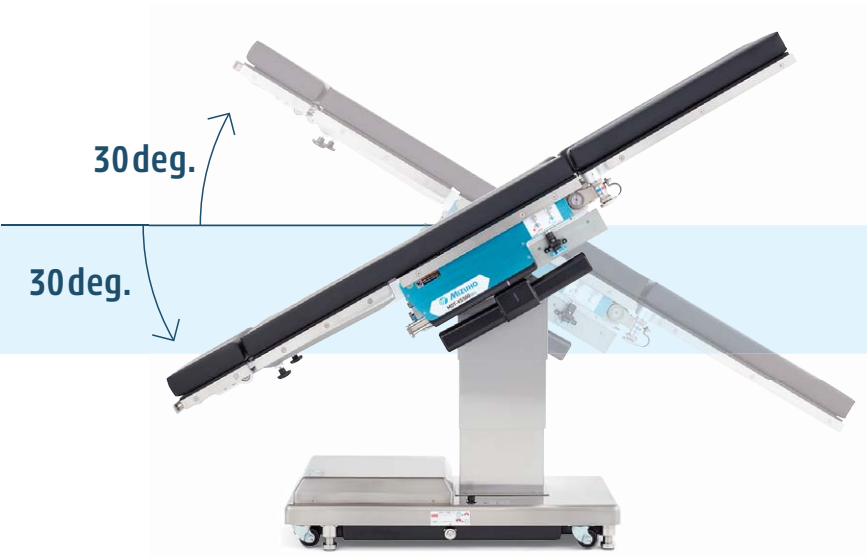
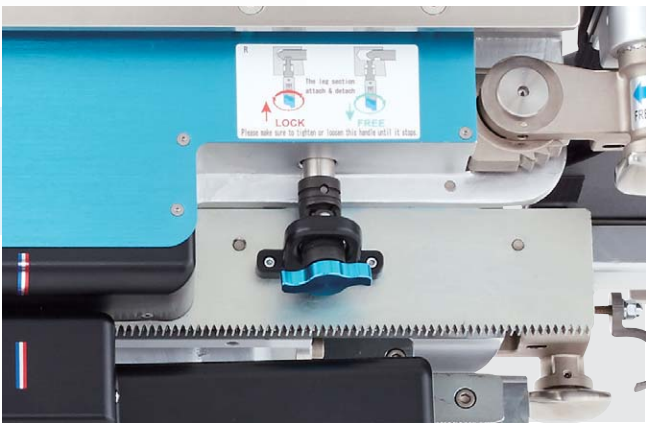
Kidney Bridge

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



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



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

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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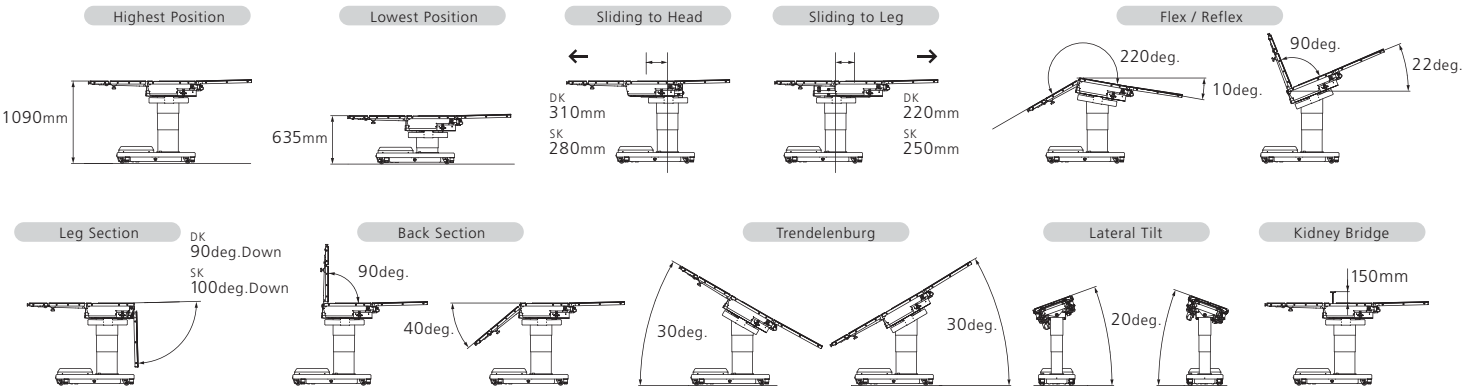
Digital Radiographic Table Tops Fixed Type

*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		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 × 2133mm				500mm × 2004mm			
Base Dimensions		483mm × 1033mm				483mm × 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		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

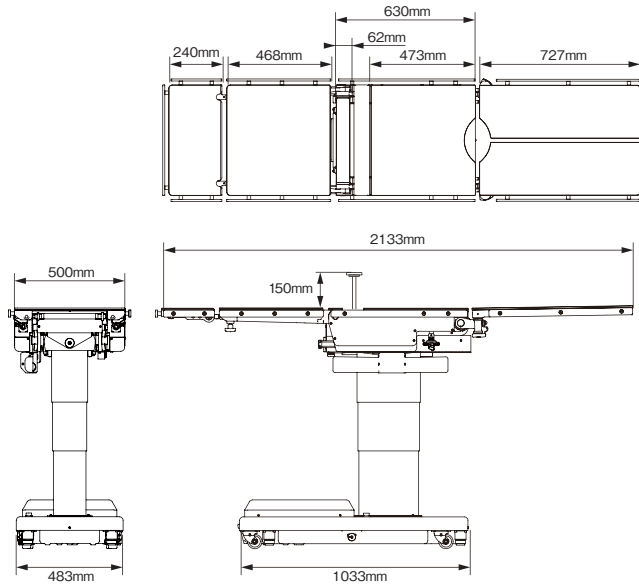
Table Plate	Phenolic Resin
Side Rail	SUS304F Stainless Bar
Side Frame	AC7A Aluminium Alloy Casting
Elevation Column (Inside)	FCD450 Iron Casting
Elevation Column (Cover)	SUS304CP Stainless
Base	FC250 Gray Iron Casting

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

