

CE

ASOT-750

Mechanical-hydraulic Operating Table
Technical Specifications





Physical Specifications

Dimensions

Length 2020mm

Width (without rail) 520mm

Width (with rail) 590mm

Height 680mm

Weight 220kg

Safe working load 297kg

Components

Head plate, Back plate, Seat plate, Kidney bridge, Base, Leg plate, Column, Rail

Head Plate

Length 287mm

Rail Length 260mm

Safe Working Load 10kg

Movement Controlled by gas springs

Back Plate

Length 457mm

Rail Length 470mm

Safe Working Load 30kg

Kideny Bridge

Length 100mm

Seat Plate

Length 510mm

Rail Length 513mm

Safe Working Load 65kg

Leg Plate

Length 610mm

Rail Length 520mm

Safe Working Load 15kg(each one)

Movement Controlled by gas springs

Rail

Width 25mm

Thickness 10mm

Castor

Number 3 * Dual

Diameter 125mm/75mm

Brake

Type Machanical control

Number 1

Physical Specifications

Adjustment	
Trendelenburg/Reverse	20°/20° 30°/30° (optional)
Lateral Tilt (left/right)	20°/20° 25°/25° (optional)
Head Plate Up/Down (detachable)	30°/45° 70°/90° (optional)
Back Plate Up/Down	75°/25°
Leg Plate Up/Down (detachable)	5°/90°
Leg Plate Split (detachable)	180°
Flex/Reflex	205°/105°
Kidney-bridge Elevator UP	110mm 120mm(optional)
Longitudinal Shifting	300mm(optional)
Height	680-940mm 710-1060mm(optional)

Materials	
Table Frame	High-strength carbon steel
Cover	SUS304 Stainless Steel
Accessory Rail	SUS304 Stainless Steel
Column	SUS304 Stainless Steel
Table Top	MDF, X-ray radiolucent
Mattress	PU foam Thickness: 45mm

All optional adjustment parameters (except longitudinal shifting function) must be selected together as a whole

Accessories Specifications

Anesthesia Screen	
Height	570±10mm
Width	620±10mm
Insert Rod Diameter	Φ15±0.5mm

Round Hole Clamp	
Height	58±3mm
Width	60±3mm
Thickness (Lock state)	116±5mm

Body Strap	
Length (Fully bonded)	955±25mm
Width	108±10mm

Arm Rest	
Length	520±10mm
Width	170±10mm

Knee crutch	
Length	345±10mm
Width	230±10mm
Insert Rod Diameter	Φ15±0.2mm

Environmental specifications

Working Environment

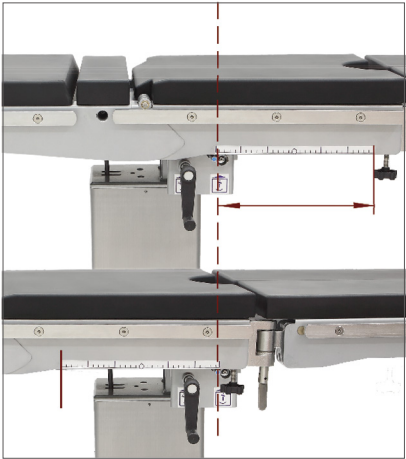
Temperature	5°C ~ 40°C
Relative Humidity	≤80%
Atmospheric Pressure	860hPa ~ 1060hPa

Storage/Transportation Environment

Temperature	-40°C ~ 55°C
Relative Humidity	≤95%
Atmospheric Pressure	500hPa ~ 1060hPa



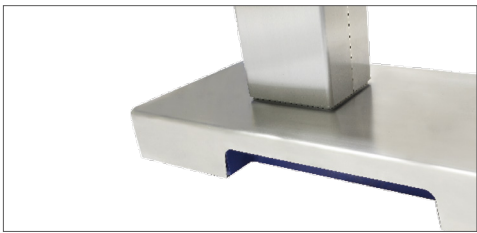
- ②
- Built-in X-ray radiolucent kidney-bridge provides displays requested especially by kidney and gallbladder surgery
 - Max. elevation height up to 110mm



- ③
- Optional longitudinal shifting up to 300mm for free access to C-arm

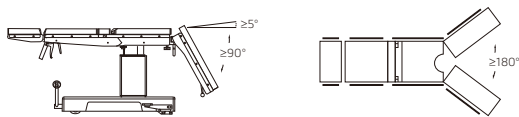
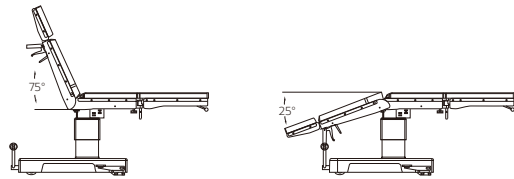
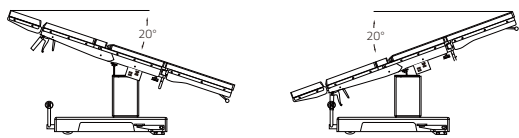
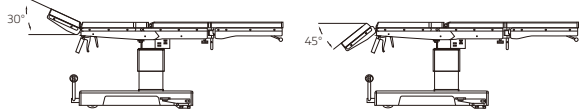
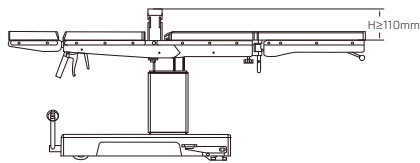
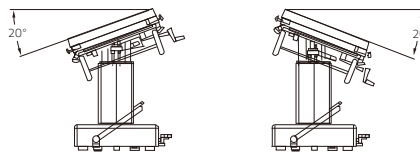
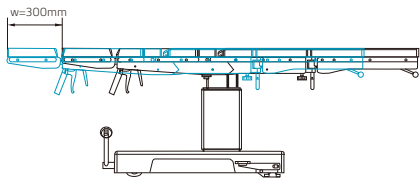
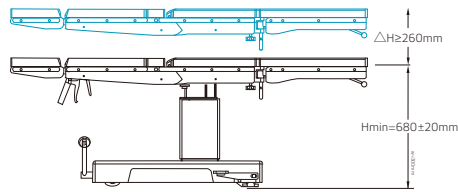


- ④
- Operating table is easy to fix and shift with simple and efficient base-lock system



- ⑤
- Reserved space for feet in base ensures stability and meets the close working requirements of the operating table

ASOT-750 is a versatile operating table with high efficient mechanical-hydraulic stabilization method to ensure precise positioning. It can provide a wide range of positions adjustment which fully meet the needs of different surgeries.



Technical Specifications		
Model	ASOT-750	ASOT-750
	Standard Configuration	Plus Configuration
Table Length (mm)	2020	2020
Table Width (without side rails) (mm)	520	520
Table Height (without mattress) (mm)	680 to 940	680 to 940
Trendelenburg/Reverse	20°/20°	20°/20°
Lateral Tilt (left/right)	20°/20°	20°/20°
Back Plate Up/Down	75°/25°	75°/30°
HeadPlate Up/Down (detachable)	30°/45°	30°/45°
Leg Plate Up/Down (detachable)	5°/90°	5°/90°
Leg Plate Split (detachable)	180°	180°
Flex/Reflex	205° / 105°	205° / 105°
Kidney-bridge Elevator UP (mm)	110	110
Longitudinal Shift (mm)	N/A	300
Weight Capacity (kg)	297Kg	297Kg

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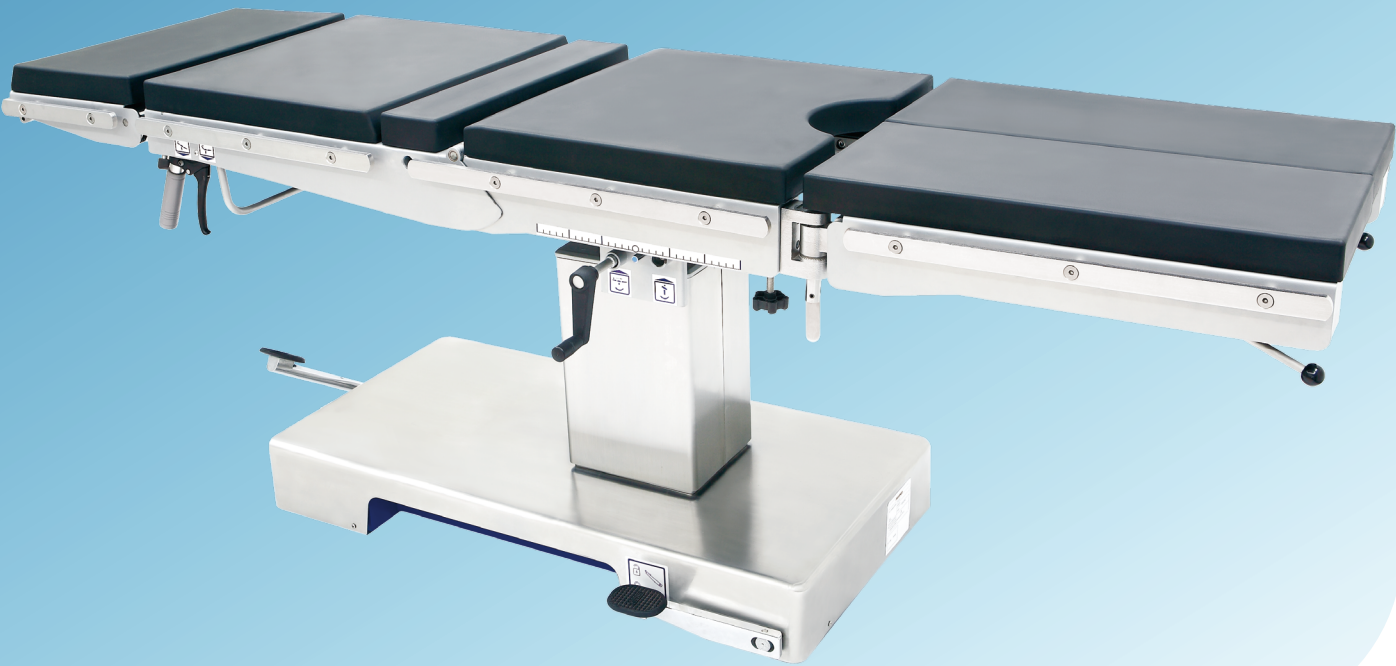
OEM By HEYER Germany

ACIP750-2022.12



ASOT-750

Mechanical Operating Table



- Base cover, central colum and accessories rails are made of 304 stainless steel
- Stable structure design, easy to clean and disinfection

①

- Functions like head plate up and down, trendelenburg and reverse trendelenburg, back plate up and down are all controlled by imported cylinder
- Easy to operate, accurate and stable positioning



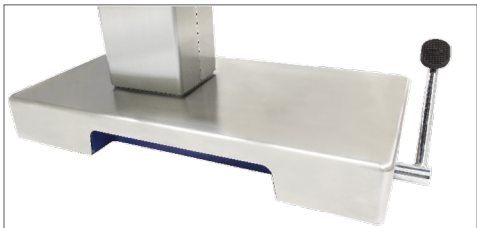
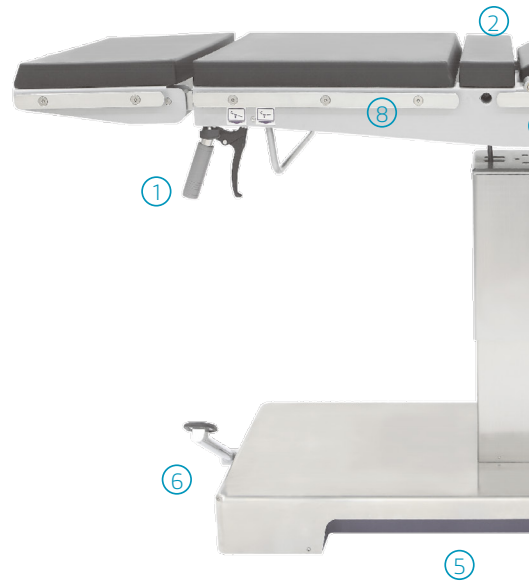
⑧

- Mattress is made of high density PU foam and is waterproof
- High elasticity and comfort
- Removable design, easy to clean and disinfection
- Excellent perspective of X-ray for free access to C-arm



⑦

- X-ray radiolucent table top with built-in X-ray cassette tunnel facilitates X-ray imaging









⑤

- Operating table up and down is controlled by foot-lift pump, an integration structure of oil pump, fuel tank and crank
- The integrated pump provides high stability of tabletop up and down during surgeries and ensures excellent carrying capacity
- Easy to operate, time-saving design











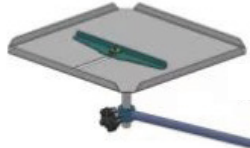
Accessories

- High strength 304 stainless steel
- Strong corrosion resistance, easy to clean and disinfection
- Simple structure, easy to install and disassemble
- Multiple options support multitude body positions and surgical procedures

Standard Accessories

		
Round-hole clamp	Anesthesia screen*	Body strap
		
Arm rest	Lateral support*	Knee crutch*

Optional Accessories

		
Foot plate (notched clamp)**	High position arm holder*	Connection bracket
		
Head rest(connection bracket)***	Head plate(connection bracket)***	Hand operating table*
		
Instrument tray*	Iliac support*	Intervertebral pad
		
Drainage bowl	Infusion frame*	X-Ray Cassette Holder*



Orthopedic traction

Orthopedic traction





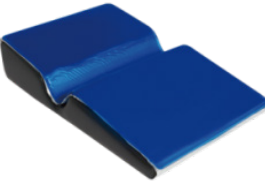


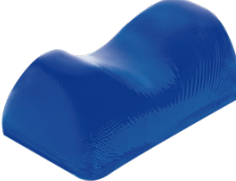
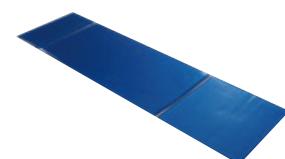
- In line with EU standards
- Suitable for most orthopedic surgeries
- High strength 304 stainless steel
- Structural stability design ensures maximum intraoperative safety
- X-ray radiolucent for free access to C-arm

Noted : * means using together with the round-hole clamp
** means using together with notched clamp
*** means using together with connection bracket

Gel Pad

All gel pads are made of viscoelastic polymer gel. They make patients feeling stable and comfortable during positioning and can be operated in the working environment of -10°C~ 50°C.

- Uniform dispersion and biocompatibility of human skin and tissues to avoid pressure sores
- Easy to clean and disinfect
- X-ray translucent performance for X-ray imaging
- Cost effective and durable

		
Prostrate head pad	Donut head pad	Horseshoe head pad
		
Ophthalmic head pad	Lateral pad	Universal dome shaped pad
		
Contoured arm/Leg pad	Heel pad	Torso section