

Baxter

PST 500
SURGICAL TABLE



PST 500 SURGICAL TABLE

CLASSIFICATION	
Classification of application part (according to IEC 60601-1)	Type B for the whole operating table Patient discharge current according to Type CF
Degree of protection against electrical shock	Safety class I
Degree of protection against water penetration	IPX4 (All-round splash protection)
Mode of operation	S6 - Continuous operation duty type (DBAB); 2 min ON, 8 min OFF
CONDITIONS FOR OPERATION, STORAGE, TRANSPORT	
Temperature range for operation	+ 10°C to + 40°C 50 °F to 104 °F
Temperature range for storage and transport	-20°C to + 60°C -4°F to 140 °F
Air humidity for operations	20% to 80%
Air humidity for storage and transport	10% to 95%
Atmospheric pressure	540 mbar to 1060 mbar 54 kPa to 106 kPa
ELECTRICAL PARAMETER	
External power supply	100 V -240 V~ 50 / 60 Hz
Main power plug	IEC connection (C14 Plug)
Length of the main power cable	3m / 9.84' for ROW and 5m / 16.4' for USA
Internal power supply	3 rechargeable batteries 12 V / 12 Ah
Charging time	5 hours
Battery duration after charging	5 working days with 8 hours per day
Power consumption	Max. 730 W
Heat emission	ca. 100 kJ/h

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TECHNICAL DETAILS	
OR Tabletop Length	
PST 500 ROW	1070 mm (42.1")
PST 500 US	1180 mm (46.5")
OR Tabletop Width (with Standard Rails)	600 mm (23.6")
OR Tabletop Height (without pad)	598 mm – 1.148 mm ± 5 mm (23.5" – 45.2" ± 0.2")
Dimensions table base (L x W x H) (height from floor to top of table base)	1134 mm x 574 mm x 160 mm ±5 mm (44.65" x 22.6" x 6.3" ± 0.2")
Dimensions of pad	
Pad tabletop PST 500 ROW	965 mm x 545 mm x 90 mm (38" x 21.5" x 3.5")
Pad tabletop PST 5500 US	1065 mm x 545 mm x 90 mm (42" x 21.5" x 3.5")
Maximum load	250 kg (551.2 lbs)
Standard siderail load capacity	
Longitudinal axis	100 Nm
Transverse axis	100 Nm
Break	Floor looks –self leveling system
Wheels	4 rotatable, electoral conductive wheels
Wheel diameter	100 mm (3.9")
Foot clearance (height from floor to bottom of table base)	87 mm (3.5") height
Point load (wheels)	ca. 2400 N
Point load (stamps)	ca. 1800 N
Surface pressure per wheel	9.5 N/mm ² (1338 lbf/in ²)
Surface pressure per stamp	3.6 N/mm ² (522 lbf/in ²)
Recommended cleaning/disinfection agent	<p>Manufacturer / Designation</p> <p>Ecolab Deutschland GmbH / Incidin™ Plus B. Braun Melsungen AG / Melsitt® BODE Chemie GmbH / Bacillol® plus</p> <ul style="list-style-type: none"> - Do not use any abrasive agents for cleaning. - Disinfectant / Cleaners based on the following ingredient groups or a combination of these ingredient groups with quaternary compounds: Aldehydes, Alcohols, Alkylamines. - Disinfectant /cleaners based on halogens and peroxide compounds are not suitable. - Do not use any abrasive agents for disinfection.

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CONTROL INTERFACE

Wired remote control

Remote control PST 500	2071798
Remote control PST 500 U	2070307
Remote control PST 500 D	2072217
Remote control PST 500 D U	2072218

Foot switch PST 500

2072450

Socket for wired remote control and foot switch

Head and foot direction of column head

Wireless remote control

Remote control PST 500 W	2071799
Remote control PST 500 W U	2070308

Receiver for wireless remote control

Infrared

POWER INTERFACE

Power supply socket

Head direction of table base

Adjustment Ranges

	ADJUSTMENT RANGE	SPEED
Lift	598 – 1.148 ±5mm (23.5" – 45,2" ±0,2")	2 cm per sec (0.8" per sec)
Trendelenburg / Reverse Trendelenburg	±35° (±2°)	1.7° per sec
Tilt	±25° (±2°)	1.5° per sec
Trend / Tilt ratio	30° / 25° ±2°	
Longitudinal Slide		
Overall	40 cm (±0.5 cm) (15.75" ±0.2")	
Head end	20 cm (7.9")	26 mm per sec
Foot end	20 cm (7.9")	
Joint back section (Angles relative to seat section)	+ 90° / -90°	4.5° per sec
Joint leg section (Angles relative to seat section)	+ 90° / -105°	4.5° per sec
Zero Position		Simultaneous leveling of all sections

PST 500 SURGICAL TABLE

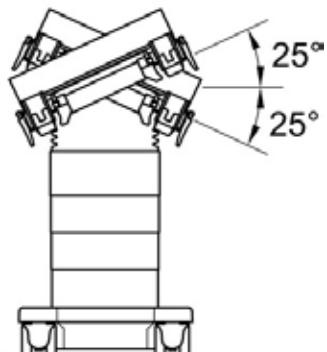
SOUNDS

AUDIBLE SIGNAL	S AT HEAD END OF OR TABLE
1 Ascending tone sequence	The operating table is switched on.
2 Descending tone sequence	The operating table is switched off.
3 Single tone	<ul style="list-style-type: none">• The parking brake on the operating table is being released.• The parking brake on the operating table is being activated.• The end position of the function in question has been reached.• The level position of the function in question has been reached.• A blocked key has been pressed.
4 Double tone	<ul style="list-style-type: none">• The end position of the level position function has been reached.• The end position of a saved position has been reached.• The key has been released.
5 Two pulsing tone sequences intermittently repeating (at an interval of several minutes)	The batteries need to be charged.
6 Three pulsing tone sequences intermittently repeating (at an interval of several minutes)	The batteries are empty, and the operating table will soon switch itself off automatically.
7 Shrill triple tone	An error has occurred.
8 Shrill single tone (during movement, the warning tone sounds repeatedly at intervals of one second)	<p>Warning:</p> <ul style="list-style-type: none">• The left and right leg are traveling towards each other.• Emergency mode is being activated.• Movement is taking place in the operating table's emergency mode.• Movement is taking place during an error state.

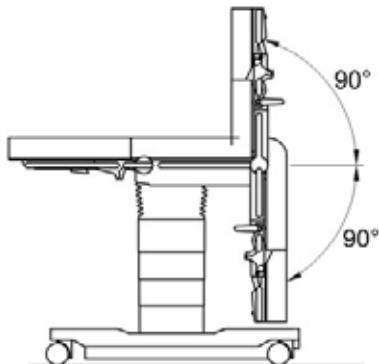
*The operating table has a simple to use coupling system with a mechanical code. Connecting the wrong component is impossible.

PST 500 SURGICAL TABLE

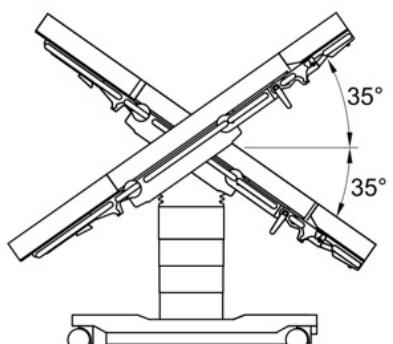
OVERVIEW ADJUSTMENT RANGES



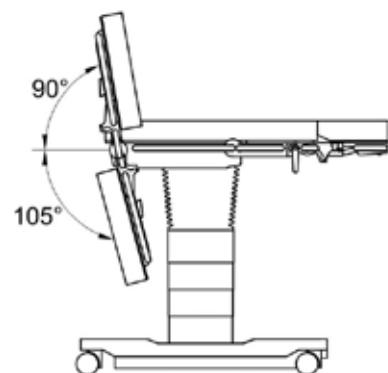
TILTING



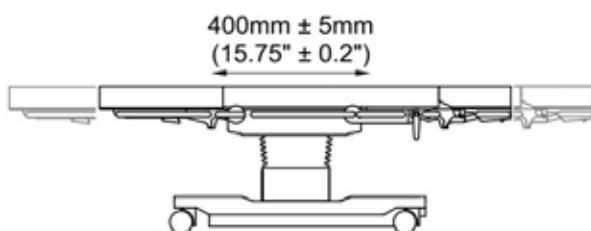
ADJUSTMENT BACK SECTION



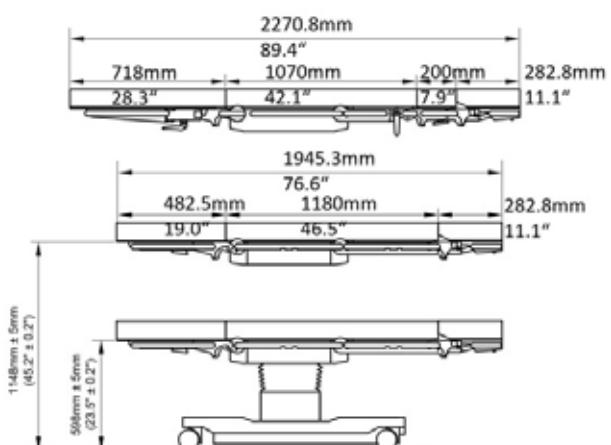
TRENDELENBURG / REVERSE
TRENDELENBURG



ADJUSTMENT LEG SECTION



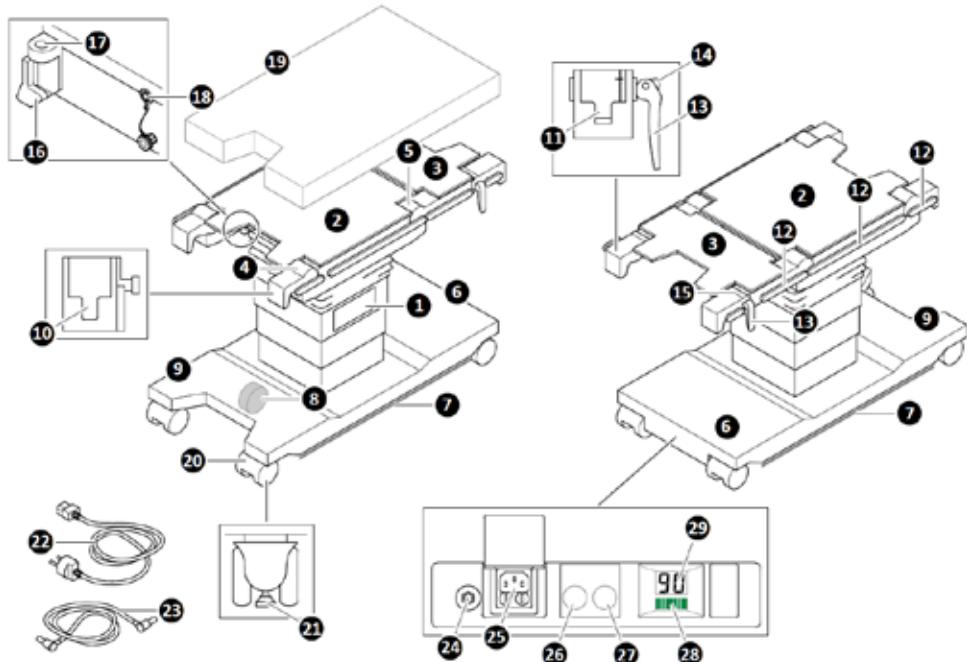
LONGITUDINAL SLIDE



HEIGHT ADJUSTMENT

PST 500 SURGICAL TABLE

TABLE OVERVIEW – PST 500 ROW

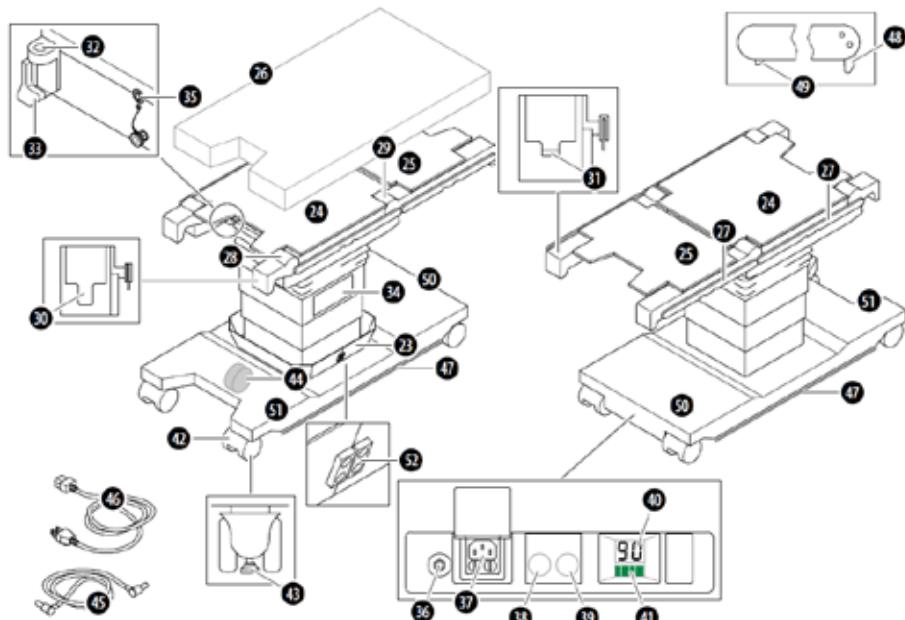


1	Column keypad
2	Seat section
3	Back section
4	Leg section joint, motorized
5	Back section joint, motorized
6	Head end of the operating table
7	LED strip (indirect floor lighting)
8	Directional movement wheel
9	Foot end of operating table
10	Hook coupling point – L
11	Hook coupling point – M
12	Siderail
13	Handle for the manual upper back section joint (not for US version)
14	Release button (not for US version)

15	Upper back section joint, manually adjustable (not for US version)
16	Bearing for the extension adapter
17	Insertion aperture for extension adapter
18	Control unit connector socket (head and foot end)
19	Pads
20	Wheel
21	Parking brake (jack prop)
22	Main power cable
23	Equipotential bonding cable
24	Equipotential bonding cable connector pin
25	Connector socket for power cable
26	Shutdown key (operating table reset)
27	Emergency unlock key
28	Display for battery status
29	Display for error codes

PST 500 SURGICAL TABLE

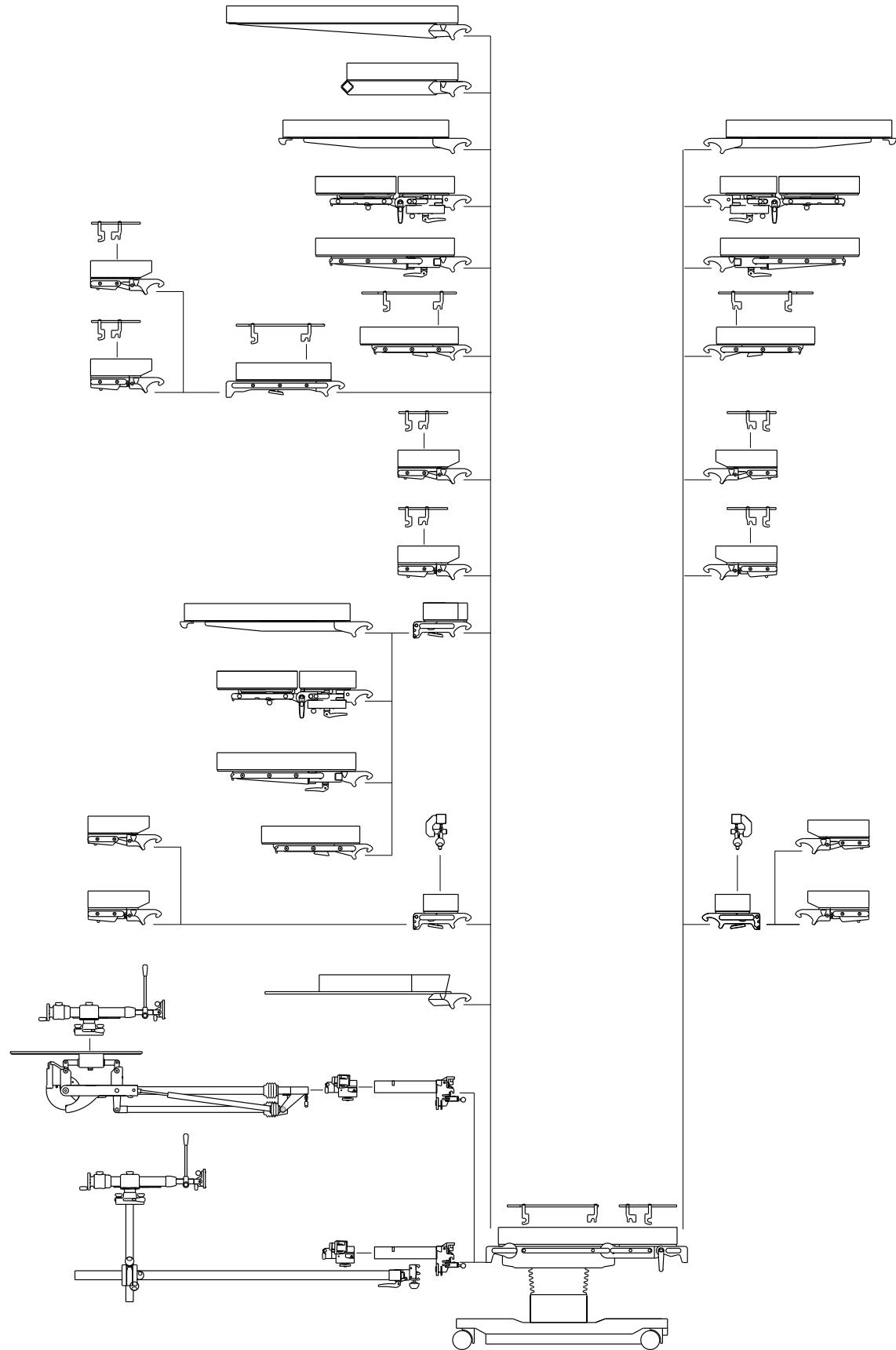
TABLE OVERVIEW – PST 500 U



23	Cladding Protection
24	Seat Section
25	Back Section
26	Pads
27	Siderail
28	Leg section joint, motorized
29	Back section joint, motorized
30	Coupling point for support L
31	Coupling point for support S
32	Insertion aperture for extension adapter (optional)
33	Bearing for the extension adapter (optional)
34	Column keypad
35	Control unit connector socket with cover (head and foot end)
36	Equipotential bonding cable connector pin
37	Connector socket for power cable

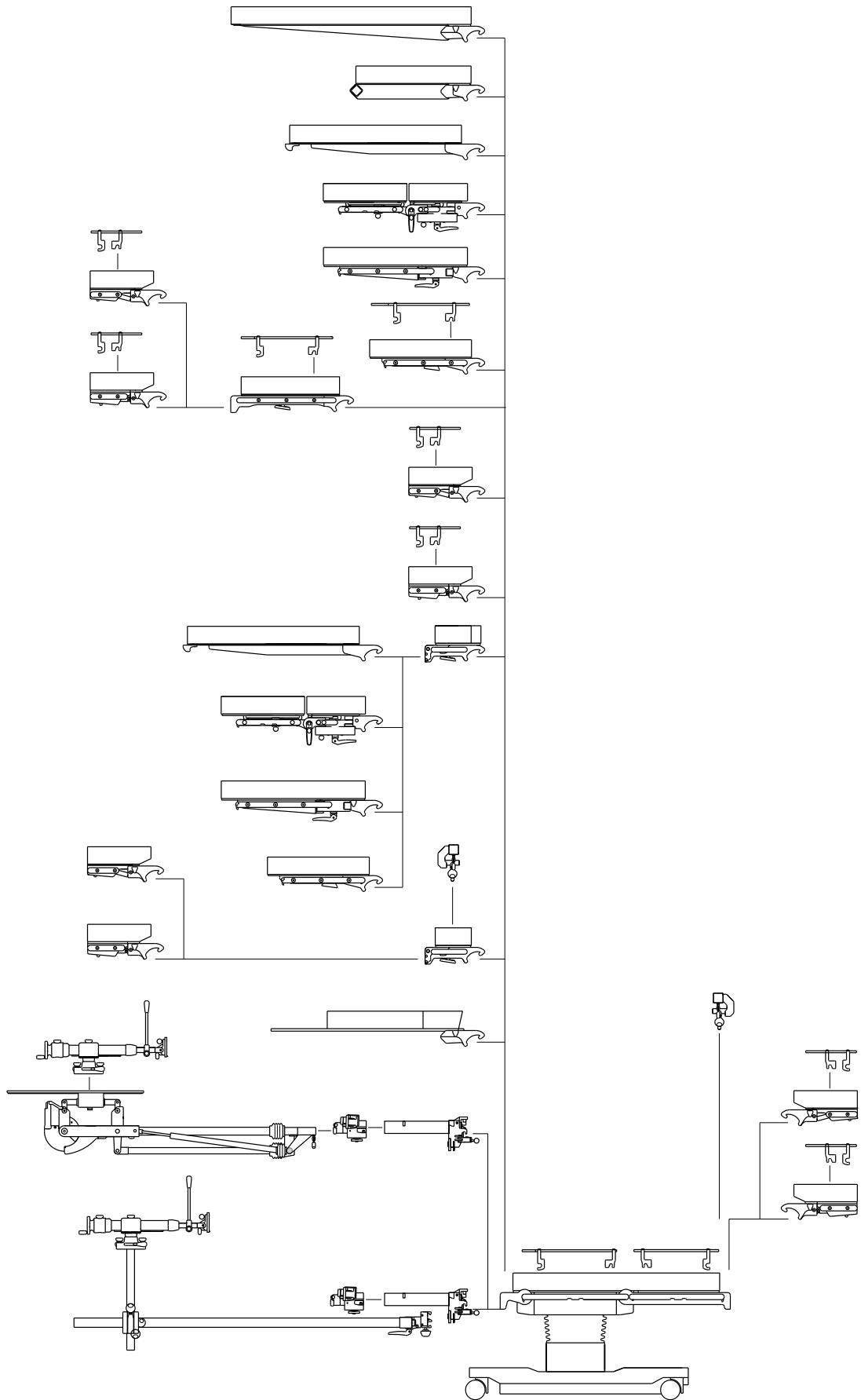
38	Shutdown key (operating table reset)
39	Emergency unlock key (release the parking brake on the operating table)
40	Display for error codes
41	Display for battery status
42	Wheel
43	Parking brake
44	5th Wheel
45	Equipotential bonding cable
46	Main power cable
47	LED strip (indirect floor lighting)
48	Lever (acts as a securing device and prevents accessories from slipping from the siderail)
49	Stop (acts as a securing device and prevents accessories from slipping from the siderail)
50	Head end of the operating table
51	Foot end of the operating table
52	Magnet

PST 500 SURGICAL TABLE



PST 500 SURGICAL TABLE

COMPATIBLE COMPONENTS & ACCESSORIES – PST 500 U



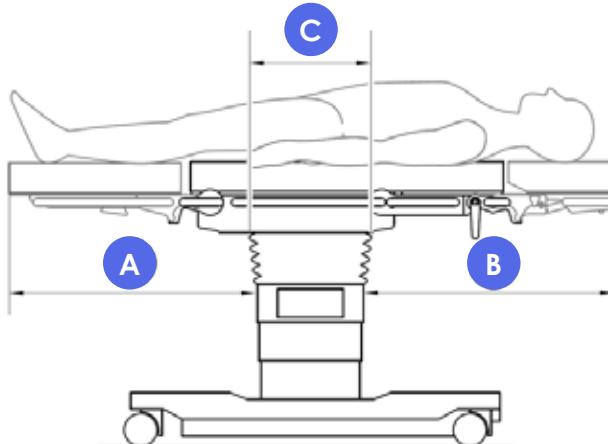
PST 500 SURGICAL TABLE

RADIOLUCENT AREAS*

	FOOT END (A)	HEAD END (B)
PST 500	<ul style="list-style-type: none">• Leg section one-part light with pelvic extension: 1579 mm (62.2")• Leg section two-parts spreadable with pelvic extension: 1396 mm (55")• Leg section four-parts with pelvic extension: 1476 mm (58.1")• Leg section one-part with pelvic extension: 1161 mm (45.7")• Leg section one-part: 961 mm (37.8")• Universal section: 1004 mm (39.5")• Pelvic extension: 624 mm (24.6")	<ul style="list-style-type: none">• Head section: 952 mm (37.5")• Head section and upper back section: 1152 mm (45.4")• Reverse with leg section one-part: 1151 mm (45.3")• Reverse with leg section two-parts spreadable: 1385 mm (54.5")• Reverse with leg section four-parts: 1465 mm (57.7")• Reverse with leg section one-part light: 1568 mm (61.7")
PST 500 U	<ul style="list-style-type: none">• Tabletop segment carbon 1200: 1561 mm (61.5")• Tabletop segment carbon 600: 929 mm (36.6")	<ul style="list-style-type: none">• Head section: (1062 mm (41.8")

*The dimensions of the radiolucent areas are stated at maximum longitudinal travel of the operating tabletop.

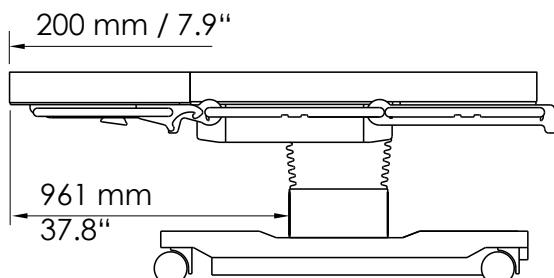
The tabletop is fully radiolucent between the struts. The X-ray region (A)/(B) on the operating tabletop is the region between the struts of the end of the section segment to the cladding of the operating table column. The column area (C) is radiopaque.



PST 500 SURGICAL TABLE

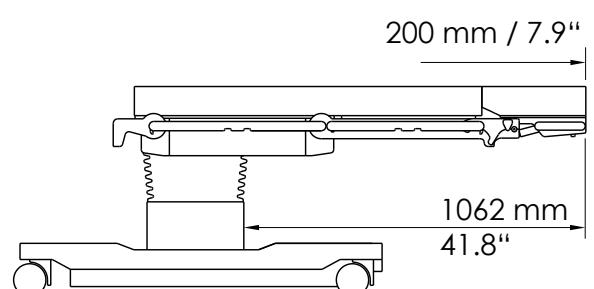
RADIOLUCENT AREAS – PST 500 U

LONGITUDINAL SLIDE TO FOOT END

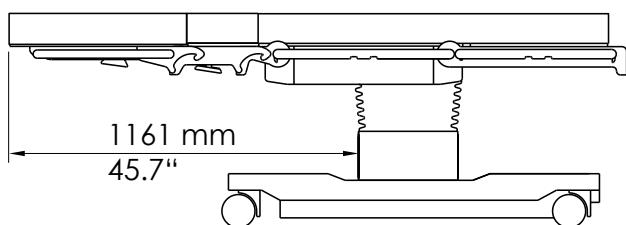


Leg Section One-part

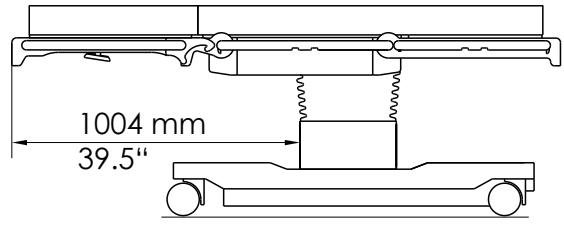
LONGITUDINAL SLIDE TO HEAD END



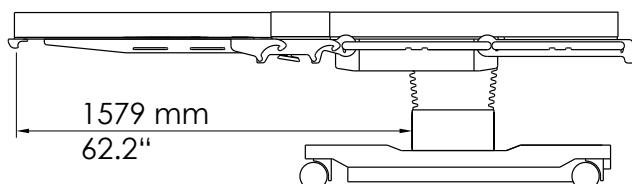
Head Section Single / Double-joint



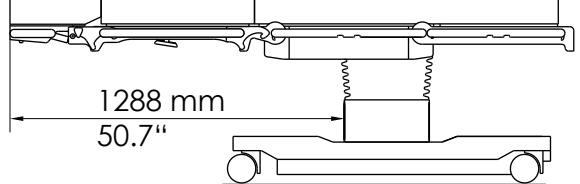
Leg Section One-part and Pelvic Extension



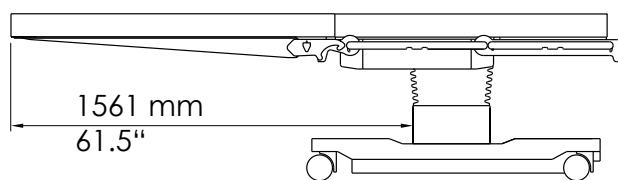
Universal Section



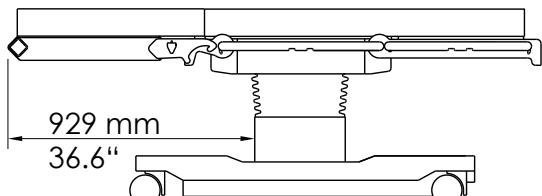
Leg Section One-part Light and Pelvic Extension



Universal Section and Head Section



Tabletop Segment Carbon 1200

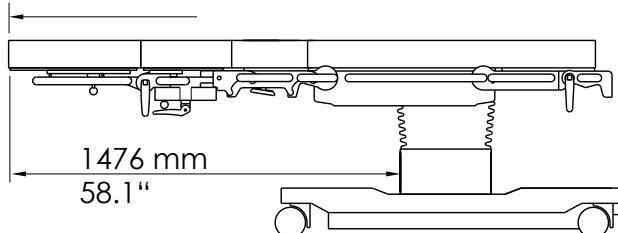


Tabletop Segment Carbon 600

PST 500 SURGICAL TABLE

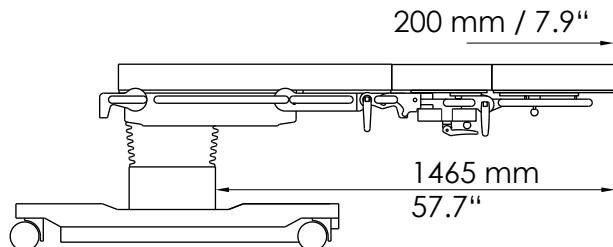
RADIOLUCENT AREAS – PST 500 Rest of World (ROW)

LONGITUDINAL SLIDE TO FOOT END

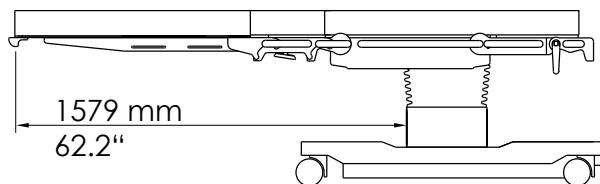


Leg Section Four-Parts Spreadable and Pelvic Extension, for PST 500 / 500U

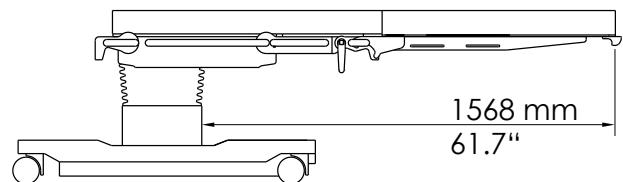
LONGITUDINAL SLIDE TO HEAD END



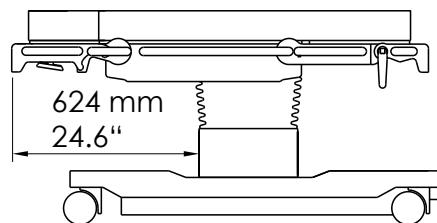
Reverse Orientation with Leg Section Four-Parts Spreadable, for PST 500



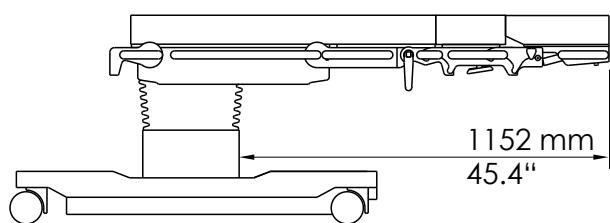
Leg Section One-Part Light and Pelvic Extension, for PST 500 / 500U



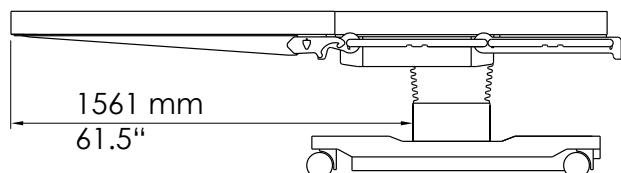
Reverse Orientation with Leg Section One-Part Light, for PST 500



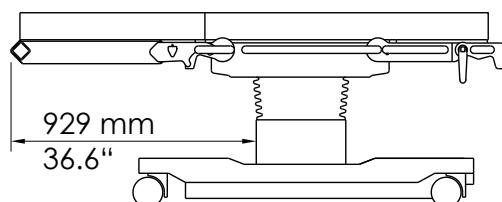
Pelvic extension for PST 500 / 500U



PST 500 with Head Section and Upper Back Section, for PST 500



Tabletop Segment Carbon 1200 for PST 500 / 500U



Tabletop Segment Carbon 600, for PST 500 / 500U

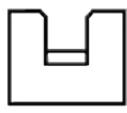
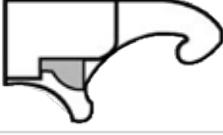
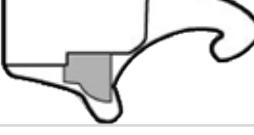
PST 500 SURGICAL TABLE

LED LIGHT MESSAGING SYSTEM

DISPLAY	STATUS	MEANING	ACTION
	The LED Strips on the running gear flash green.	The parking brake on the operating table has been activated and the jack props on the wheels are extended. After completing the function, the LED strip lights up green for a further approximately 3 seconds and then goes out.	No action required.
	The LED Strips on the running gear flash yellow.	The parking brake on the operating table has been released and the jack props on the wheels are retracted. After completing the function, the LED strip lights up yellow for a further approximately 3 seconds and then goes out.	No action required.
	The LED strips on the running gear flash red. A Sound 6 can also be heard.	The batteries are empty, and the operating table will soon switch itself off automatically. Electrical functions are severely limited.	Connect the operating table to the external power supply so that the batteries can be charged.
	The LED strips on the running gear light up red for 3 seconds. A Sound 7 can also be heard.	An error has occurred with the operating table. The operating table can only be used to a limited degree.	Notify Technical Customer Service.
	The LED strips on the running gear flash yellow 3 times. A sound 7 can also be heard.	The operating table is not braked and any function key has been pressed.	Some of the operating table's functions are blocked when the operating table is not braked. First enable the parking brake on the operating table and then press the function key. The operating table must only be used for surgical interventions when it is braked.
	The LED strips on the running gear light up solid white.	The floor lighting is switched on.	No action required If necessary, switch the floor lighting off.

PST 500 SURGICAL TABLE

COUPLING POINT

FIXING POINT			TABLE VERSION	CODING
S	M	L	PST 500	Head side M Leg side L
			PST 500 U	Head side S Leg side L
				
	X	X	X	
		X	X	
			X	

The PST 500 surgical table features a short or long lower back section. The coupling site on the lower back section is different for each version. The long back section of PST 500 U is equipped with S coding. The short lower back section of PST 500 is equipped with the M coding.

PST 500 SURGICAL TABLE

COMPATIBLE COMPONENTS & ACCESSORIES

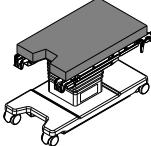
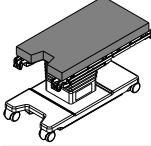
Abbreviations

B: Balanced pads

U: Version for USA

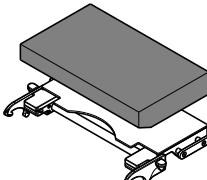
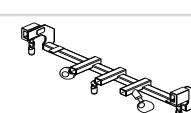
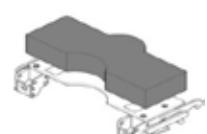
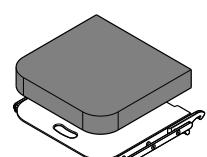
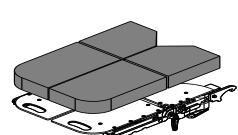
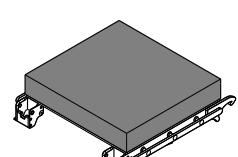
W: Wireless remote

D: With Display

PRODUCT	PRODUCT DESCRIPTION	MATERIAL-NO.
	PST 500	4080100
	Pad two-parts tabletop H B	1909814
	Or	Or
	Pad seat section H B	2072452
	Pad back section H B	2072453
	PST 500 U	4080300
	Pad PST 500 H B U	2072451
	Remote Control PST 500	2071798
	Remote Control PST 500 U	2070307
	Remote Control PST 500 W	2071799
	Remote Control PST 500 W U	2070308
	Remote Control PST 500 D	2072217
	Remote Control PST 500 D U	2072218
	Charging unit mobile AC TS7500	1557243
	Access Line C7 for charging unit	1836117
	Footswitch PST 500	2072450

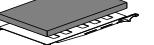
PST 500 SURGICAL TABLE

COMPATIBLE COMPONENTS & ACCESSORIES

PRODUCT	PRODUCT DESCRIPTION	MATERIAL-NO.
	Head section double joint H V	1850955
	Head section double joint H U V	1853828
	Head section double joint H J V	1850957
	Head section single joint H V	1850951
	Head section single joint H U V	1769761
	Head section single joint H J V	1850953
	Pad head section H B	1764878
	Adapter for head positioning	1739994
	Upper back section H V	1909812
	Upper back section H V U	1909813
	Upper back section H V J	1951368
	Pad for upper back section H B	1909831
	Pelvic extension H V	1909817
	Pelvic extension H V U	1909820
	Pelvic extension H V J	1951369
	Pad pelvic extension H B	1909818
	Pad pelvic extension H BU	1909819
	Leg section one-part H V	1850959
	Leg section one-part H U V	1739969
	Leg section one-part H J V	1850971
	Pad leg section one-part H B	1756392
	Leg section four parts H V	1850994
	Leg section four parts H U V	1853829
	Leg section four parts H J V	1850996
	Pad leg section four parts H B	1851579
	Universal section H V	2072444
	Universal section H V U	2072445
	Universal section H V J	2072446
	Universal section H V UK	2072447
	Pad universal section H B	2072448

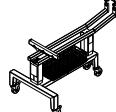
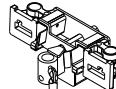
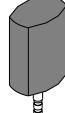
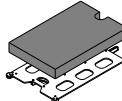
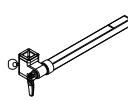
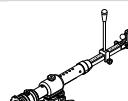
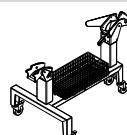
PST 500 SURGICAL TABLE

COMPATIBLE COMPONENTS & ACCESSORIES

PRODUCT	PRODUCT DESCRIPTION	MATERIAL-NO.
	Leg section two parts spreadable H V	1850979
	Leg section two parts spreadable H U V	1739991
	Leg section two parts spreadable H J V	1850981
	Pad leg section two parts H B	1809671
	Leg section one-part light H V	2012543
	Pad leg section one-part light H B	1783522
	Tabletop segment Carbon 1200 H V	1850989
	Pad TTS Carbon one-part B	1873466
	Tabletop segment Carbon 600 H V	1739992
	Pad TTS Carbon 600 H B	1770133
	Shoulder Chair H	2009875
	Shoulder Chair H with connection holder	2065800
	X-Ray Top Set PST 500	2072442
	X-Ray Top Set PST 500 U	2072443
	Pad PST 500 H B U	2072451
	Pad two-part tabletop H B	1909814
	Pad seat section H B	2072452
	Pad back section H B	2072453

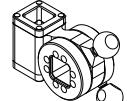
PST 500 SURGICAL TABLE

EXTENSION UNIT – STANDARD ACCESSORIES

PRODUCT	PRODUCT DESCRIPTION	MATERIAL-NO.
	Docking trolley extension unit	1867129
	Extension adapter TS7000	1850992
	Universal support	1876707
	Supporting pad hip B	1880218
	Supporting pad universal B	1880217
	Angle pad TS7000 B	1886332
	Counter traction post 150	1612706
	Transfer leg section	1876708
	Pad transfer leg section B	1880219
	Double joint strut, pair	1574734
	Extension strut medium	1597668
	Extension strut long	1597669
	Adapter spindle traction mechanism	1593159
	Spindle traction mechanism FR	1881967
	Traction boot	1574733
	Traction boot children	1610541
	Docking trolley MIS hip device	1867128

PST 500 SURGICAL TABLE

EXTENSION UNIT – STANDARD ACCESSORIES

PRODUCT	PRODUCT DESCRIPTION	MATERIAL-NO.
	MIS-Hip- Aggregate	1574732
	Extension joint strut X-RAY, pair	1574735
	Adapter extension strut X-RAY	1593158
	Counter traction post X-RAY	1574731

COMPATIBLE PRODUCT – DIMENSIONS & WEIGHT

PRODUCT	DIMENSION (L x W x H)	
Head section double joint	389 x 625 x 95 mm (15.3" x 24.6" x 3.7")	7 kg (15.4 lb)
Head section single joint	385 x 625 x 92 mm (15.1" x 24.6" x 3.6")	5 kg (11.0 lb)
Pad for head section	325 x 545 x 90 mm (12.8" x 21.4" x 3.5")	-
Upper back section	306 x 601 x 100 mm (12.0" x 23.6" x 3.9")	5 kg (11.0 lb)
Pad for upper back section	185 x 545 x 90 mm (7.28" x 21.46" x 3.54")	-
Pelvic extension	306 x 601 x 100 mm (12.0" x 23.6" x 3.9")	5 kg (11.0 lb)
Pad pelvic extension	235 x 545 x 90 mm (9.2" x 21.4" x 3.5")	-
Adapter for head positioning	130 x 620 x 160 mm (5.1" x 24.4" x 6.3")	3 kg (6.6 lb)
Leg section one-part	615 x 600 x 89 mm (24.2" x 23.6" x 3.5")	6 kg (13.2 lb)
Pad leg section one-part	522 x 545 x 90 mm (20.5" x 21.4" x 3.5")	-
Leg section two parts spreadable	820 x 292 mm (32.2" x 11.5")	5.9 kg (13.0 lb) per side
Pad leg section two parts	739 x 253 x 909 mm (29.0" x 9.9" x 35.7") per side	-

PST 500 SURGICAL TABLE

COMPATIBLE PRODUCT – DIMENSIONS & WEIGHT

PRODUCT	DIMENSION (L x W x H)	
Leg section four parts spreadable	Swivel Segment: 405.5 x 280 x 161 mm (15.9" x 11.0" x 6.3") Lower Leg Segment: 468.5 x 280 x 89 mm (18.4" x 11.0" x 3.5")	Swivel Segment: 5.5 kg (21.1 lb) Lower Leg Segment: 3.5 kg (7.7 lb)
Pad leg section four parts	Swivel segment: 300 x 258 x 90 mm (11.8" x 10.1" x 3.5") Lower leg segment: 428 x 258 x 90 mm (16.8" x 10.1" x 3.5")	-
Leg section one-part light	1020 x 560 x 86 mm (40.1" x 22.0" x 3.3")	6 kg (13.2 lb)
Pad leg section one-part light	885 x 545 x 90 mm (34.8" x 21.4" x 3.5")	-
tabletop segment Carbon 1200	1300 x 620 x 90 mm (51.1" x 24.4" x 3.5")	9.2 kg (20.2 lb)
Pad TTS Carbon one-part	1219 x 545 x 90 mm (47.9" x 21.4" x 3.5")	-
tabletop segment Carbon 600	690 x 620 x 90 mm (27.1" x 24.4" x 3.5")	8.1 kg (17.8 lb)
Pad TTS Carbon 600	590 x 545 x 90 mm (23.2" x 21.4" x 3.5")	-
Shoulder chair	965 x 660 x 229 mm / ±1.3 cm (38" x 26" x 9" / ±0.5")	11.3 kg ±0.2 kg (25 lb ±0.5 lb)
Transfer leg section	886 x 542 x 68 mm (34.8" x 21.3" x 2.6")	5.8 kg (12.7 lb)
Pad transfer leg section	775 x 500 x 90 mm (30.5" x 19.6" x 3.5")	-
Universal section	525 x 600 x 89 mm (20.7" x 23.6" x 3.5")	8 kg (17.6 lb)
Pad universal section	505 x 545 x 90 mm (19.9" x 21.4" x 3.5")	-

For more information please contact your local Baxter representative.

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