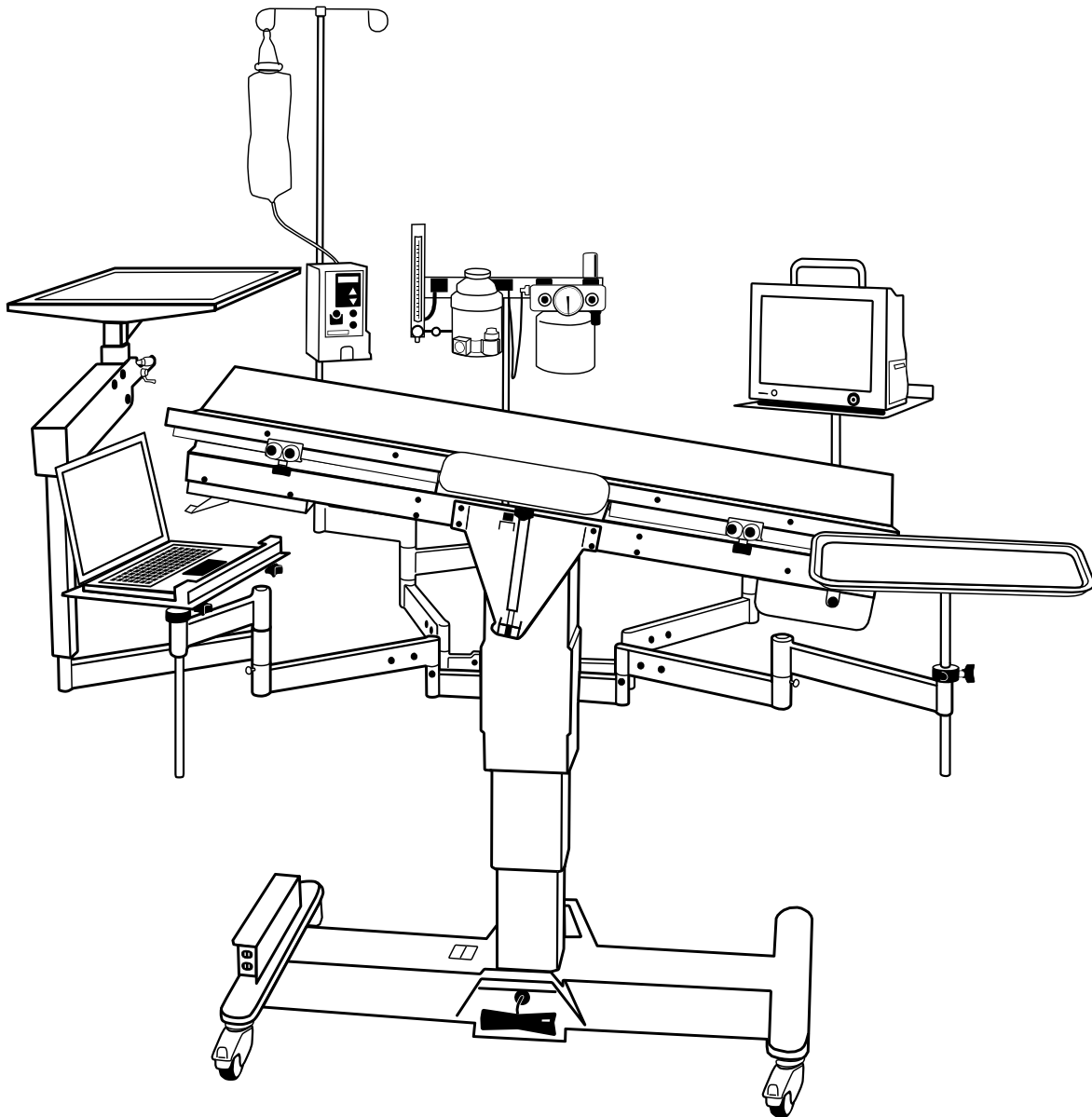


Operator's Manual

Olympic Advanced Surgical Table™

Model 51801, 51802, 51803, 51804

Serial # _____



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About this Manual

This manual contains information on the setup, use and upkeep of the Olympic Advanced Surgical Table™. It should be read in its entirety before first use to assure safe operation and optimal performance.

This Surgical Table has a serial number you will need to reference when seeking technical support. This number is found on the Product Identification Label located directly below the power strip. For future reference, it is recommended you write this serial number on the front of this manual. Additional labels with safety information can be found on the back of the lift column and on the Thermal Heating Control Panel (if equipped with Olympic Thermo-Safe™ Warming System).

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Component Identification

The following illustration demonstrates the key components of the Olympic Advanced Surgical Table™.

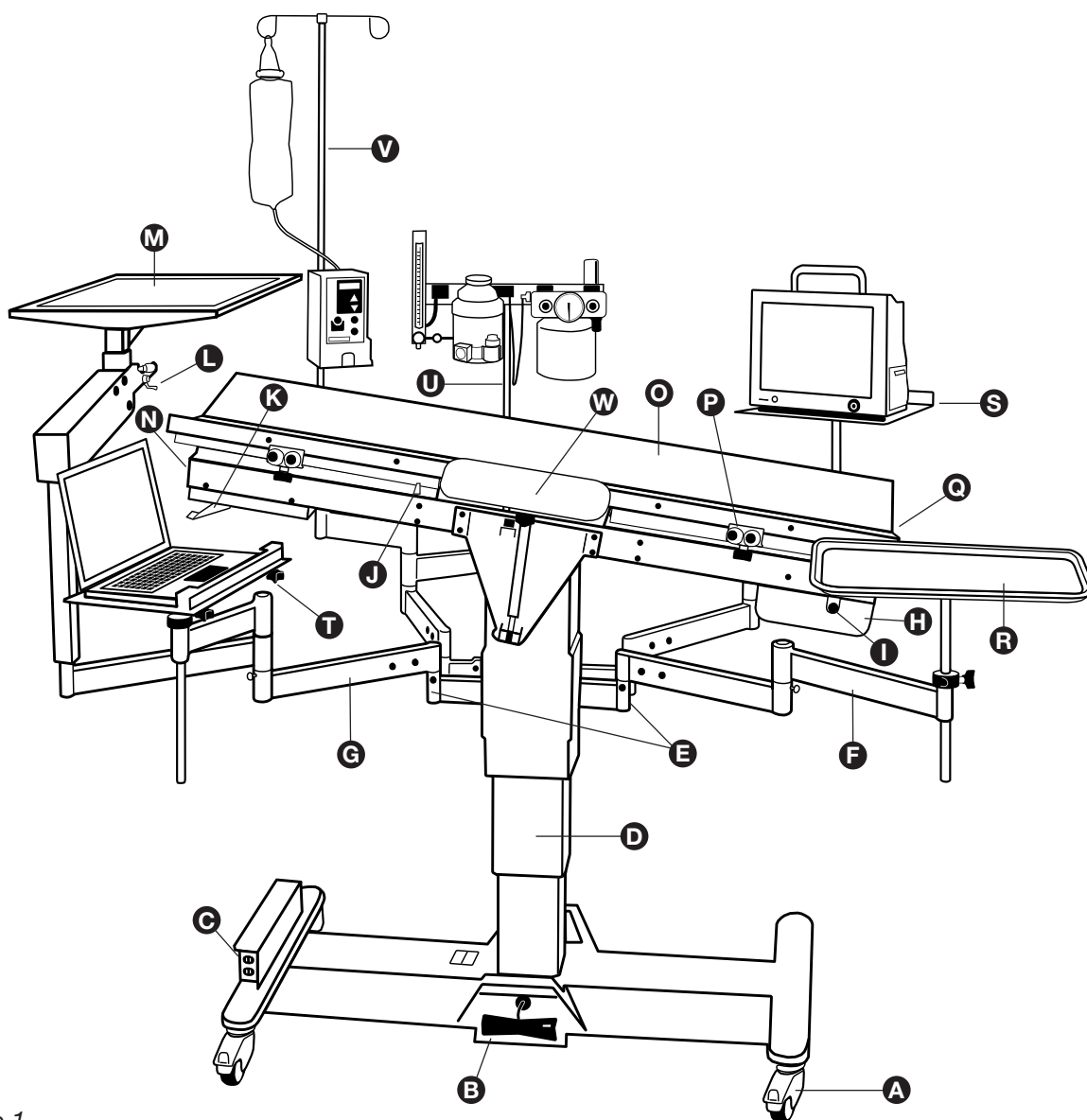


Figure 1

Item	Description	Item	Description
A	Hospital Grade Casters	M	Back Table
B	Height Adjustment Foot Switches (both sides)	N	Thermal Heating Control Panel (optional)
C	Integrated Multi-Outlet Power Strip	O	Stainless Steel V-Top Panels
D	Smooth-Action Lift Column	P	Adjustable Cam Cleats (both sides)
E	Sockets on Column for Swing Arms	Q	Cleaning Channel
F	Standard Swing Arms	R	Height Adjustable Instrument Tray (optional)
G	Adjustable Back Table Swing Arm	S	Swiveling Monitor Tray (optional)
H	Stainless Steel Fluid Collection Pan	T	Swiveling Laptop Tray (optional)
I	Fluid Collection Pan Pull-Pin Knob	U	Anesthesia Equipment Adapter (optional)
J	V-Top Adjustment Lever	V	Adjustable IV Pole (optional)
K	Table Tilt Adjustment Lever	W	Adjustable Arm Rest (optional)
L	Back Table Adjustment Lever		

Introduction

The Olympic Advanced Surgical Table™ provides a complete solution for the modern surgical suite, integrating up to 8 pieces of essential equipment on a height-adjustable center column for greater convenience, efficiency and ergonomic comfort.

The table offers height adjustment from an extra low 29.5" to an extra tall 49". The tabletop can be tilted forward from horizontal to a 25° angle, and each tabletop panel can be tilted up to a 45° angle for dorsal positioning.

The Olympic Advanced Surgical Table™ includes four sockets on the central column designed to hold Olympic Swing Arms (optional). Each Swing Arm features two sockets and can be expanded to include a third socket. The tool-free design allows the sockets to accept nearly any combination of Olympic accessories including a back table, limb holder, angel frame, height-adjustable instrument tray, laptop tray, LED procedure light and IV pole. Adapters are also available to hold most brands of anesthesia equipment. See page 10 for a complete list of Olympic accessory and anesthesia adapter part numbers.

The Olympic Advanced Surgical Table™ features a complete, self-contained drainage system, which collects all the fluids from the table in a removable drain pan. The Olympic Sterile-Clean™ Fluid Collection System allows for easy and complete cleaning between procedures without removing any parts.

The Olympic Advanced Surgical Table™ is available with or without the Olympic Thermo-Safe™ Warming System.

Safety

Please read and follow the instructions in this manual, including all safety instructions and precautions, carefully and completely. The following safety notices are used throughout this manual:

Equipment Alert: Indicates a potentially hazardous situation which could result in equipment damage if not avoided.

Caution: Indicates a potentially hazardous situation which could result in minor or moderate injury if not avoided.

! WARNING !

Indicates a hazardous condition which could result in serious injury if not avoided.

The user should be aware that the Olympic Advanced Surgical Table™ is a powerful machine with moving parts capable of causing injury if proper precautions are not taken. The lift is raised and lowered by means of an electrical actuator, and care must be taken to assure that hands, feet and other body parts are not in the path of the lift mechanism.

Summary of Precautions

Equipment Alerts:

- Do not lift the table by grasping the tabletop as this can result in permanent damage to the unit.
- To avoid damage to swing arms and any accessories mounted on swing arms, assure that nothing is directly under the table top surface before adjusting tilt.
- High-concentration, chlorine bleach disinfectants are known to damage some stainless steel (including that on the Surgical Table). **Do Not** use high-concentration bleach to clean the Olympic Advanced Surgical Table™.
- Hydrogen peroxide solutions are known to damage powder coated (painted) surfaces and should be strictly avoided.
- Do not let any liquid enter the Lift Column, as liquid can damage the lift mechanism and electrical parts.

- Do not let any liquid enter the heater control box (Model 51801 and 51802), as liquid can damage the electrical parts.

Cautions:

- Take care to assure that operator's hands, feet and other body parts are clear of the area where the lift column and swing arms travel when the lift column is being operated or tilt function is being used.
- Do not load patients exceeding 250 pounds on the Surgical Table.
- Always maintain a firm grip on the V-Top Panel while depressing the V-Top Adjustment Lever.
- To prevent the table from tilting suddenly, always maintain a firm grip on the tabletop.
- Patient should be secured with tie-downs while tilting table downward to prevent patient from sliding.
- The Olympic Advanced Surgical Table™ is heavy and requires at least two people to move it. Move the table slowly and carefully, especially over thresholds and uneven flooring.

! WARNING !

- Maximum load per swing arm is 40lbs. Retract all swing arms before moving table. Moving across uneven surfaces requires 2 operators.
- When using high frequency surgical devices or catheters, use nonconductive material to insulate patient from metal surfaces of table.
- To prevent electrical shock or short circuit, be sure to plug the power strip into a Ground Fault Circuit Interrupt (GFCI) Adapter.
- The Olympic Thermo-Safe Warming System™ is designed to deliver a maximum temperature of 95°F to the tabletop surface. Many factors can influence the patient's temperature including the ambient temperature in the room, the addition of insulating materials such as blankets and gels that can trap heat, the use of supplemental warming systems and the weight and overall health of the patient. Safe operation requires continuous monitoring of the patient's temperature.

Unpacking and Setup

Equipment Alert: Do not lift the table by grasping the tabletop as this can result in permanent damage to the unit.

If you suspect concealed shipping damage, please save all packaging and contact Olympic Veterinary immediately at 1-800-789-6867 or send photos and description to service@olyvet.com.

Use Figure 2 for reference in unpacking the Olympic Advanced Surgical Table™.

1. Move the pallet to a level location as close as possible to the intended installation site.
2. Remove the shrink wrap and the cardboard lid, then completely peel off the cardboard shroud. The wood frame can be removed by loosening the #2 Phillips-head screws securing it to the pallet.
3. If your table was ordered with accessories such as swing arms, an instrument tray, etc., you will find a corrugated accessory box strapped to the top of your table. Remove this carton and set it aside until the table has been rolled to its destination. You may find an additional accessory carton attached to the top of the outer box.

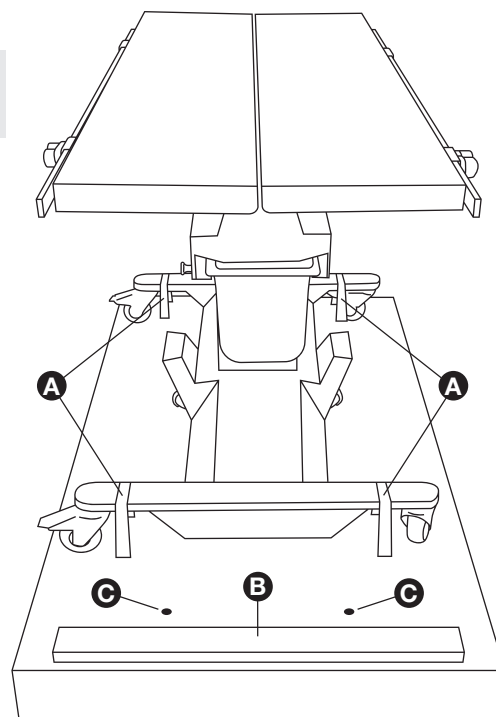


Figure 2

4. Cut and remove the 4 straps **A** securing the table to the pallet.
5. Remove the 2x4 retaining board **B** located in front of the Surgical Table from the floor of the pallet by unscrewing the 2 Phillips-head screws retaining it.
6. Position the two included wood ramps in front of the Surgical Table so that the protruding pin **C** at the end of each ramp drops into the matching hole in the floor of the pallet. Test ramps to assure they are securely attached.
7. Unlock all 4 casters and then slowly lower the table down the ramp until it is on level ground. It can now be rolled to its final destination.
8. Unpack the provided components and purchased accessories.

Assembly

The Surgical Table arrives fully assembled and ready for use. Plug the power cord from the power strip into any grounded wall socket and the lift table and warming functions will be ready for use.

Customization

The Olympic Advanced Surgical Table enables you to create a custom "Surgical Cockpit" for the surgeon and technician. There is no right or wrong way to configure the accessories on your table. The tool-free design makes it easy to switch out components throughout the day to meet changing procedural needs. The following is a suggested starting point. See "Accessory Options" on page 7.

1. Install up to 4 swing arms in the sockets on the central column. Each arm includes 2 sockets. If desired, add up to one additional socket to each arm using an Olympic 12" Socket Doubler.
2. If desired, add the optional armrest to the side of the table where the surgeon will be working. Arm rest slides onto the tie-down rail on either side of the table and locks in place with integrated thumbscrews.
3. Install any combination of Olympic accessories to create a convenient and comfortable work environment. The Olympic Laptop/Monitor Tray and Instrument Tray can be adjusted for height by loosening the thumbscrew on the locking donut, sliding the unit up or down to the desired height and retightening the thumbscrew on the locking donut.
4. An anesthesia machine can be mounted to a swing arm by using an Olympic anesthesia adapter. The following adapters are currently available:

50992 – Olympic Adapter for Vetland SVA-2100-CP, Matrix VMS, Matrix VMS+ and Surgivet CDS 9000

50998 – Olympic Adapter for Eagle Eye Millenium and Matrix VME

Note: Some items such as the laptop tray and the instrument tray are height adjustable using the thumb screw to loosen/tighten the collar around the shaft of each accessory so that it rests on the "knuckles" of the swing arms at the desired height.

Caution: Take care to assure that operator's hands, feet and other body parts are clear of the area where the lift column and swing arms travel when the lift column is being operated or tilt function is being used.

! WARNING !

Maximum load per swing arm is 40lbs. Retract all swing arms before moving table. Moving across uneven surfaces requires 2 operators.

Accessory Options

The Olympic Surgical Table provides a universal platform for creating a custom Surgical Suite. Each of the 4 sockets on the central column will accept a swing arm with 2 sockets. An additional socket can be added using an Olympic 12" Socket Doubler. The following Olympic accessories are designed to drop into these sockets, no tools required (part number list can be found on Page 10):

- Swing Arm with 2 Sockets
- 12" Socket Doubler
- IV Pole
- Laptop/Monitor Tray
- Instrument Tray, 19"x13", height-adjustable
- Instrument Tray, 13"x10", height-adjustable
- LED Procedure Light
- Angel Frame
- Pivoting Armrest
- Adapters for various anesthesia machines
- Locking Swingarm for Back Table + Limb Holder
- Limb Holder
- Adjustable Back Table

Note: The Olympic Instrument Tray is attached to a height-adjustable platform with plastic Velcro® strips. These strips require significant force to attach. Push down firmly along the full length of each Velcro strip until fully seated. The tray can either be cleaned in place between procedures or can serve as a base for nesting additional trays.

Operation

Loading/Unloading Patients

Caution: Do not load patients exceeding 250 pounds on the Surgical Table.

! WARNING !

Be sure the Surgical Table is located on a level surface and that all 4 casters are locked before loading or unloading patients.

The Olympic Advanced Surgical Table™ is designed to facilitate the safe and easy transfer of patients to and from surgery. Following is a recommended patient transfer protocol (please refer to Figure 1 on page 3 for reference):

1. Flatten the table by pressing and holding each of the V-Top Adjustment Levers **J** while firmly gripping the V-Top Panels **O**.
2. Adjust the Table Tilt to horizontal by pressing and holding the Table Tilt Adjustment Lever **K** while firmly gripping the panels **O**.
3. Raise or lower the tabletop to the desired height by pressing and holding either of the Foot Switches **B**.
4. Push the swing arms on one side of the table away from the center of the table to create an unobstructed patient loading zone.
5. Transport the patient from prep on a height-adjustable transport gurney such as the Olympic 2-in-1 Treatment Table™, Olympic 3-in-1 Treatment Table™ or Olympic Versa-Lift™. Position the gurney as close as possible to the Surgical Table, minimizing any gap between the tables. Adjust height to match and lock all 4 casters.
6. Slide the patient across from the transport gurney to the Surgical Table.
7. Follow similar procedure for moving patient to recovery after surgery.

Table Height Adjustment

The height of the Olympic Advanced Surgical Table™ is infinitely adjustable from 29.5" to 49" and may be adjusted at any time during a procedure to provide maximum comfort to the operator or to provide better visualization or patient access.

There are 2 Height Adjustment Foot Switches **B** on the Surgical Table. Step on the Foot Switch on either side to raise or lower the table. Stepping on the **+** side of the switch will raise the table; stepping on the **-** side of the switch will lower the table. There are protective hoods over each foot switch to help repel fluids.

V-Top Dorsal Positioning Adjustment

The Olympic Advanced Surgical Table™ is designed to offer the convenience of an integrated dorsal positioner without the cleaning issues typically associated with such tables (See "Olympic Sterile-Clean Fluid Collection System™" on Page 9).

Each V-Top Panel can be adjusted independently from horizontal to 45°. Depress and hold the V-Top Adjustment Lever **J** while raising or lowering the panel. Releasing the lever will lock the panel in place.

Note: A gas strut provides a power assist when raising the panel. When lowering the panel, it provides gentle resistance to help prevent a sudden drop. When a V-Top Panel is lowered without a patient, the operator needs to apply a gentle downward force.

Caution: Always maintain a firm grip on the V-Top Panel while depressing the V-Top Adjustment Lever.

Trendelenburg Tilt Adjustment

The forward tilt of the Olympic Surgical Table may be adjusted to any angle from horizontal to 25 degrees by pressing and holding the Table Tilt Adjustment Lever **K** while lifting or lowering the end of the table closest to the lever. Releasing the lever will lock the table at the desired tilt angle.

Note: A gas strut provides a power assist when raising the panel. When lowering the top, it provides gentle resistance to help prevent a sudden drop. When a table top is lowered to horizontal without a patient on board, the operator needs to apply a gentle downward force.

Equipment Alert: To avoid damage to swing arms and any accessories mounted on the swing arms, assure that nothing is directly under the table top surface before adjusting tilt.

Caution: To prevent the table from tilting suddenly, always maintain a firm grip on the tabletop.

Patient Tie-down Cleats

2 conveniently-mounted tie-down cleats are mounted on each rail. Each cleat can be individually positioned by loosening the thumbscrew knob and sliding to the desired location.

Caution: Patient should be secured with tie-downs before tilting table downward to prevent patient from sliding.

Olympic Thermo-Safe™ Warming System (Optional)

The Olympic Advanced Surgical Table™ (Model 51801 and 51802) is available with the Olympic Thermo-Safe™ Warming System.

This system provides controlled warming and a clear visual display for optimal patient comfort and thermal regulation. The Olympic Thermo-Safe™ Warming System continuously monitors 6 thermostats on the table surface, temporarily withdrawing power whenever a temperature exceeds 95°.

Note: The Thermo-Safe™ Warming System warms the central 48" of each tabletop, where most of the patient's thermal mass is located. It is normal for the 4.5" band on either end of the table to receive minimal warming.

On/Off Control

The Thermo-Safe™ Warming System is controlled by a single knob on the Thermal Heating Control Panel **(N)**. Turn clockwise until you hear a click and see visual confirmation on the LED display screen. Turn fully counterclockwise to turn off the system.

Adjusting Temperature

The same knob that turns on the Thermo-Safe™ Warming System controls the temperature. As the knob is turned clockwise, the target temperature of the tabletop surface is increased from 75°F to a maximum of 95°F.

*Note: The Control Panel is designed to display **Target Temperature Levels of 1 to 10** rather than the associated Target Temperatures of 70°F to 95°F. This is a safety feature designed to maintain continuous awareness that the Olympic Thermo-Safe™ Warming System is warming the table top surface and **not** providing precise control over the patient's core temperature.*

! WARNING !

The Thermo-safe™ Warming System is designed to deliver a maximum temperature of 95°F to the tabletop surface. Many factors can influence the patient's temperature including the ambient temperature in the room, the addition of insulating materials such as blankets and gels that can trap heat, the use of supplemental warming systems and the weight and overall health of the patient. Safe operation requires continuous monitoring of the patient's temperature.

Power

The Olympic Advanced Surgical Table™ operates on 120V/60Hz line voltage and plugs into any standard wall outlet. A 5-port power strip with a 10' power cord is mounted on the end of the unit. The lift motor is permanently plugged into one of these ports. If your Olympic Advanced Surgical Table™ has a warming system (optional) it occupies a second port. The remaining 4 ports (3 if warming system is present) are available as needed for an LED light and other accessories.

! WARNING !

To prevent electrical shock or short circuit, be sure to plug the power strip into the provided Ground Fault Circuit Interrupt (GFCI).

Moving the Surgical Table

If at any time you wish to move the Surgical Table, disconnect the Power Cord and unlock all four caster brakes. To unlock a caster, step on the brake release lever.

Caution: The Olympic Advanced Surgical Table™ is heavy and requires at least two people to move it. Move the table slowly and carefully, especially over thresholds and uneven flooring.

Cleaning Between Procedures

Your Olympic Advanced Surgical Table™ features the Olympic Sterile-Clean™ Fluid Collection System, a collection of advanced cleaning features designed to reduce cleaning time between procedures and to help you achieve a higher level of sterility. Please refer to Figure 1 on page 3 for reference.

Cleaning the Cleaning Channel

The Cleaning Channel **(C)** located beneath the V-Top Panels **(O)** is a single, continuous, full-visibility fluid channel designed for ease of cleaning and sterility. There are no parts to remove. Simply raise the V-Top Panels to 45° each and tilt the table slightly forward. Insert a clean cloth or sponge in the space between the two V-Top Panels and wipe in a continuous motion towards the Fluid Collection Pan **(H)** to assure the two panels are completely cleared. Then, wipe the Cleaning Channel in a continuous motion towards the Fluid Collection Pan, inspecting closely to assure the surface has been completely cleaned.

Removing the Fluid Collection Pan for cleaning

To remove the Fluid Collection Pan **H**, pull the black Pull-Pin Knob **I** located to one side of the Fluid Collection Pan and slide the pan forward.

To replace the Fluid Collection Pan, slide it back onto its track. The Pull-Pin Knob will automatically re-engage and lock the pan once the pan is aligned correctly. There are 2 pin positions. When the table is flat or moderately tilted forward, insert the pan fully to the second stop. When the table is tilted forward at a higher angle, lock the pin on the first stop. This will help assure that fluids do not cascade off the front of the table.

Stainless steel surfaces should be cleaned and dried between use to prevent iron deposit build up.

Equipment Alert:

- High-concentration, chlorine bleach disinfectants are known to damage some stainless steel (including that on the Surgical Table). **Do Not** use high-concentration bleach to clean the Olympic Advanced Surgical Table™.
- Hydrogen peroxide solutions are known to damage powder coated (painted) surfaces and should be strictly avoided.
- Do not let any liquid enter the Lift Column, as liquid can damage the lift mechanism and electrical parts.
- Do not let any liquid enter the heater control box (Model 51801 and 51802), as liquid can damage the electrical parts.

Maintenance

The Olympic Advanced Surgical Table™ is designed to provide many years of trouble-free performance with minimal servicing. The sealed lift control system does not require any routine maintenance. Olympic recommends a thorough cleaning and inspection of all fasteners and visible pivot points annually.

For any questions about the use or maintenance of the Olympic Advanced Surgical Table™, please call 1-800-789-6768.

Specifications

Olympic Advanced Surgical Table™ – Model 51801, 51804, 51802, 51803

Capacity: 250 pounds with centered load

Power: 120V/60Hz; Warming (optional): 24V DC (low voltage)

V-Top adjustment range: zero to 45 degrees (each side)

Height range: 29.5" to 49"

Table size: 21"W x 57"L Horizontal tilt – zero to 25 degrees

Weight: 275 pounds

Overall maximum dimensions: 26"W x 58.25"L x 49"H

Warming zone (optional): 50"x8", each panel

Ordering Information

51801 – Olympic Advanced Surgical Table, Complete Unit with Thermo-Safe™ Warming System. Includes 4 swing arm sets, 2 Laptop/Monitor Trays, IV Pole, Instrument Tray, Back Table and Arm Rest.

51803 – Olympic Advanced Surgical Table, Complete Unit without Thermo-Safe™ Warming System. Includes 4 swing arm sets, 2 Laptop/Monitor Trays, IV Pole, Instrument Tray, Back Table and Arm Rest.

51804 – Olympic Advanced Surgical Table, Base Unit with Thermo-Safe™ Warming System.

51802 – Olympic Advanced Surgical Table, Base Unit without Thermo-Safe™ Warming System.

Optional Accessories

51086 – Swing Arm with 2 sockets for accessories

50995 – 6” Swing Arm

50996 – 12” Swing Arm

50986 – Special use Swing Arm for mounting some brands of large anesthesia units (please inquire)

51087 – Instrument Tray 13” X 10”, Height-adjustable

51884 – Instrument Tray 19” X 13”, Height-adjustable

51081 – IV Pole

50988 – Laptop/Monitor Support Arm

50970 – Olympic Ultra-Bright LED Procedure Light

50971 – Olympic Advanced LED Procedure Light

50992 – Multi-purpose Adapter for common anesthesia units (Vetland VSA-2100-CP, Matrix VMS, Matrix VMS+ and Surgivet CDS 9000 [Note: Supera M2600 anesthesia unit comes with built-in adapter])

50998 – Multi-purpose Adapter for Eagle Eye Millenium and Matrix VME anesthesia units

51880 – Back Table for Olympic Advanced Surgical Table™

51881 – Armrest for Olympic Advanced Surgical Table™

51882 – Limb Holder for Olympic Advanced Surgical Table™

51883 – Angel Frame for Olympic Advanced Surgical Table™

3-Year Unconditional Warranty

The Olympic Advanced Surgical Table (Model 51801, 51804, 51802, 51803) is unconditionally warranted for a period of three (3) years from the date of invoice.

Olympic Veterinary will elect to repair or replace a defective component without charge within the warranty period. In some cases, at Olympic Veterinary's sole discretion, it may be possible to provide the user with a repair kit, authorizing the user's technical staff to complete the repair.

This warranty is not valid for damage resulting from negligence, accident, unreasonable use, abuse or misuse, exceeding weight limits or altering the product without prior Olympic Veterinary authorization.

Olympic Veterinary expressly disclaims and excludes any liability for consequential, incidental, indirect or punitive damages or financial loss to people or property resulting from any breach of warranty or from the improper operation of this equipment.

This limited warranty is provided to the original purchaser and is not transferable. This constitutes the complete and final agreement for Olympic Veterinary's Olympic Advanced Surgical Table™ (Model 51801, 51804, 51802, 51803).

Contact Us

Olympic Veterinary Corporation, Customer Service

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Fax: (800) 905-0839

Email: Service@OlyVet.com

NOTE: THIS IS NOT THE STREET ADDRESS TO BE USED FOR RMA RETURNS.

Detailed shipping instructions will be provided by customer service when a RMA is issued.