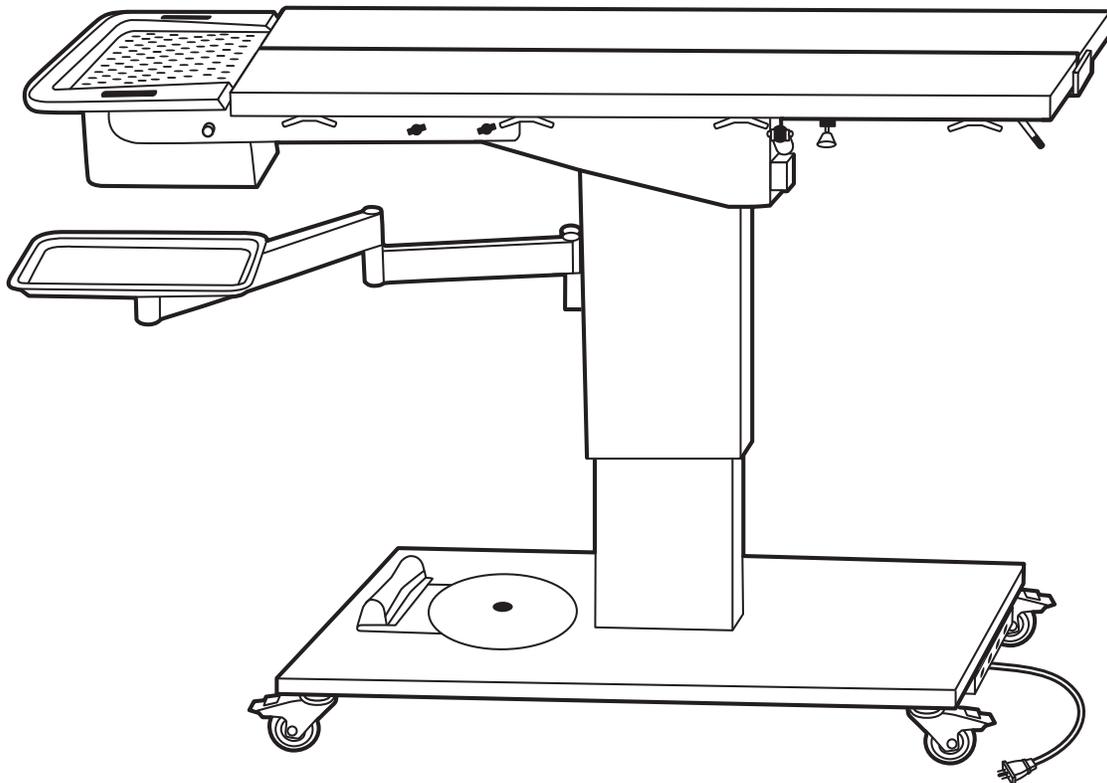


Owner's Manual

# Olympic Dental Table™

Model 50901, 50903, 50905

Serial # \_\_\_\_\_



9311 SE 36th Street, Unit 220  
Mercer Island, WA 98040

**Phone:** 800-789-6867 • **Fax** 206-905-0839

**Web:** [www.OlympicVeterinary.com](http://www.OlympicVeterinary.com)

**Email:** [Info@OlyVet.com](mailto:Info@OlyVet.com)

# About this Manual

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

This Dental Table has a serial number you will need to reference when seeking technical support. This is stamped on the bottom right corner of the Product Identification Label, which is located at the end of the table top. For future reference, it is recommended you write this serial number on the front of this manual.

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# Component Identification

The following illustration demonstrates the key components of the Dental Table.

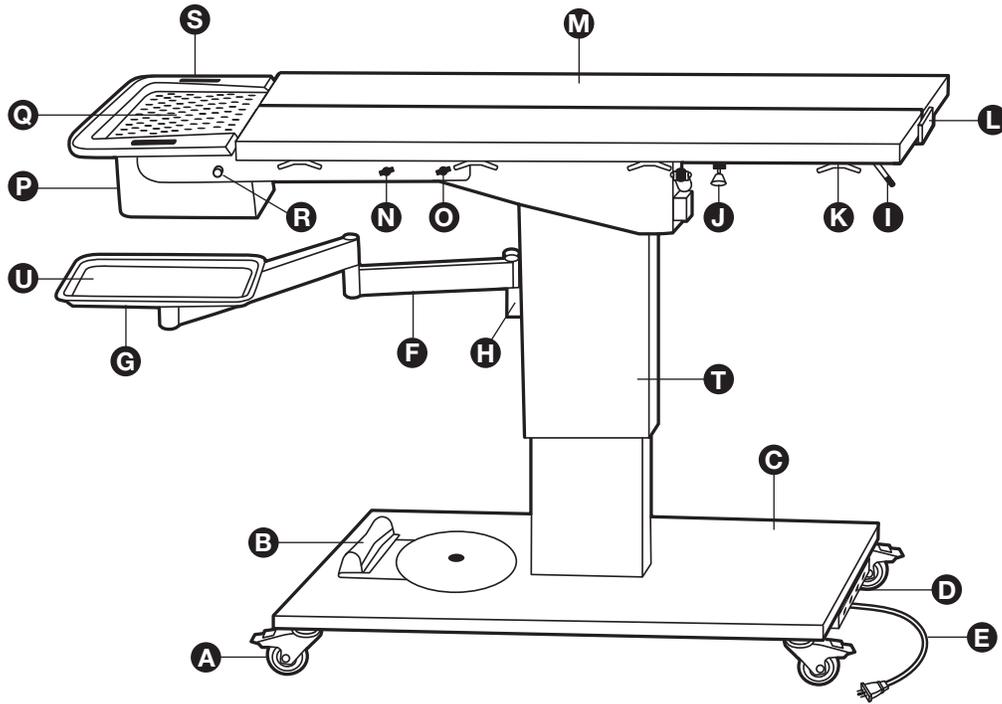


Figure 1

Item	Description	Item	Description
<b>A</b>	Braking Casters	<b>L</b>	Drain Trough
<b>B</b>	Swivelling Foot switch	<b>M</b>	Table Top Panels
<b>C</b>	Mounting Platform for Compressor	<b>N</b>	Front Head Support Thumbscrews
<b>D</b>	Power Strip	<b>O</b>	Rear Head Support Thumbscrews
<b>E</b>	Power Cord	<b>P</b>	Removable Drain Pan
<b>F</b>	2-Socket Swing arm	<b>Q</b>	Dental Screen
<b>G</b>	Instrument Tray Mounting Plate	<b>R</b>	Drain Pan Retention Knob
<b>H</b>	Central Column Mounting Sockets	<b>S</b>	Head Support
<b>I</b>	Tilt Lever	<b>T</b>	Lift Column
<b>J</b>	V-Positioner Lock Levers	<b>U</b>	Stainless Steel Instrument Tray
<b>K</b>	Tie-down Cleats		

## Introduction

The Olympic Dental Table is a fully adjustable dental table designed to provide better patient presentation, save time and improve operator comfort.

The Dental Table is adjustable in three ways to meet the ergonomic needs of the operator: table is height adjustable from 29" to 41". Table Top can be tilted down to a maximum of 10 degrees for drainage. Each Table Top panel can be lifted up to 45 degrees for dorsal positioning.

The Dental Table includes two sockets on the central column designed to hold Olympic Swing Arms (optional). Each Swing Arm includes two sockets that can accommodate most anesthesia machines and dental units (with special adapters available through Olympic) or Olympic plug-in accessories including a height-adjustable Instrument Tray, a Laptop Arm, an LED Exam Light and an IV Pole.

The Olympic Dental Table also has a complete, self-contained drainage system, which collects any fluids from the Table top as well as fluids passing through the Dental Screen in a removable Drain Pan located under the Head Support.

## Safety

Please read and follow the instructions in this manual, including all safety instructions and precautions, carefully and completely.

The user should be aware that the Dental 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 routinely be taken to assure that hands, feet and other body parts are not in the path of the lift mechanism.

**Caution: Do not use the Dental Table for patients weighing more than 250 pounds.**

## Unpacking and Setup

**Warning: The Olympic Dental Table is heavy and requires at least 2 people to unpack and move in order to avoid injury to staff or damage to the product.**

**Caution: Do not lift the table by grasping the table top as this can result in permanent damage to the unit.**

**Note: If you suspect concealed shipping damage, please save all packaging and contact Olympic Veterinary immediately at 1-800-789-6867.**

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.
3. Cut the 2 tie-down straps securing the cardboard carton to the table top and set the carton aside until the table has been rolled to its final destination.
4. The table is bolted to the floor of the pallet with 4 L-shaped brackets **A** secured by 12 hex head screws. Remove all 12 screws using the included Hex Head Wrench.

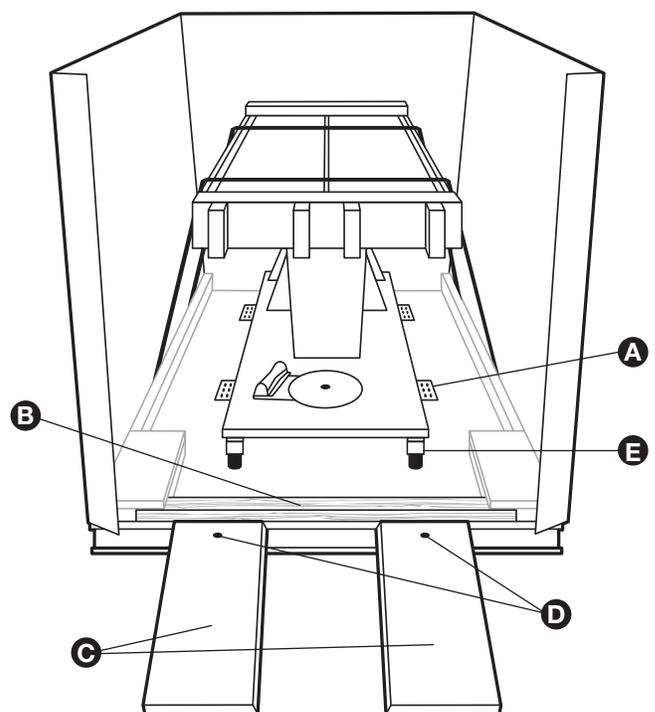


Figure 2

5. Remove the 2x4 retaining board **B** located in front of the dental table from the floor of the pallet by sliding it out of the slotted enclosure.
6. Position the two included wood ramps **C** in front of the dental table so that the protruding pin **D** at the end of each ramp drops into the matching hole in the floor of the pallet. Test ramp to assure it is securely attached.
7. Unlock all 4 casters **E** 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. Attach the provided components.

**Note:** Once table is fully assembled, inspect it carefully for signs of damage and check all connections for tightness. Please report any claims regarding initial manufacturing quality within 10 days of receiving product.

## Assembly

### Installing the Head Support and Dental Tray

1. Remove the Head Support **S** from the inner carton. Slide its two extension arms fully onto the Head Support mounting rails located just under the table top, then install and tighten the 4 black thumb screws to rigidly connect the head support to the Dental Table. Care should be taken to hand tighten these thumb screws **N** and **O** fully.
2. Slide the Removable Drain Pan **P** onto the track beneath the funnel shaped portion of the Head Support **S**. When fully engaged, the black pull knob on the right side of the Drain Pan will snap into place automatically.
3. Place the Dental Screen **Q** on top of the funnel shaped portion of the Head Support **S**.

### Installing the Optional Instrument Tray

1. Locate the Instrument Tray Mounting Plate **G**. You'll see that the top surface of this plate is covered in Velcro. Locate the included stainless steel Size B Instrument Tray **U**. The bottom of this tray is covered in Velcro and should now be pressed firmly against the Velcro on the mounting plate to create a solid connection.
2. Insert the Instrument Tray Mounting Plate **G** into any Swing Arm Socket and tighten collar to desired height.

**Note:** The Velcro-affixed B-Tray is designed to remain permanently attached to the mounting plate and to serve as a base on which removable B-Trays can be nested and removed for cleaning. Plastic Velcro material must be pressed firmly to fully engage.

### Add Additional Olympic Accessories

The Olympic Dental Table provides a universal platform for creating a custom Dental Cockpit. The toolless drop-in sockets permit quick changes to best meet the needs of each care provider, and Olympic offers a wide range of accessories that can be added on at any time, including:

- Heavy Duty IV Pole
- LED Exam Light with Flexible Arm
- Laptop Computer Support Arm

Ordering information can be found on Page 9.

### Add Dental Unit or Anesthesia Machine

The Olympic Dental Table will accommodate many popular brands of dental equipment including: Supera, Kruuse, Surgi-Vet, iM3, Vetland and Dentalaire. Some installations will require a special adapter available from Olympic. Please call 1-800-789-6867 for details.

## Quick-Start Instructions

**Note:** This section is intended for use only after you have read and familiarized yourself with the entire contents of this manual. Refer to Figure 1 for component identification.

1. Lock all 4 casters **A**.
2. Plug the Power Cord **E** into a suitable 120V/60Hz grounded wall outlet.
3. With the table top flattened and horizontal, and the table set to a comfortable height, place the patient on the center of the table top with its head over the Head Support **S**.
4. Turn the Swivelling Foot switch **B** to the desired location and adjust height.
5. Adjust a V-Table panel to desired angle for dorsal positioning by depressing and holding the V-Positioner Lock Lever **J** while raising the panel to the desired angle. Releasing the lever will lock the panel in place. To flatten a V-Positioner panel, depress and hold the lever while firmly gripping the panel, slowly lowering the panel until level.
6. Tie patient down using the provided Tie-down Cleats.
7. The tilt of the Olympic Dental Table may be adjusted to any angle up to 10 degrees by pressing on the Tilt Lever **I** while simultaneously lifting or lowering the end of the table closest to the lever. Releasing the lever will lock the table at the desired tilt angle.

**Caution:** To avoid damage to the Instrument Tray **U** while tilting the table top down, make sure it is not directly beneath the Removable Drain Pan **P**.

**Caution:** To prevent the table from tilting suddenly, always maintain a firm grip on the table top while depressing the Tilt Lever.

8. Move the Instrument Tray to the desired location and place a clean instrument tray (size 'B') onto the permanently installed base tray.
9. When done, empty any collected fluids from the Removable Drain Pan **P**. To remove the pan, pull on the Retention Knob **R** while sliding the pan out on its track. You may also wish to remove the Drain Trough **L** from under the table top for cleaning.

## Operation

### Loading/Unloading Patients

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

**Caution:** Do not use the Dental Table for patients weighing more than 250 pounds.

1. Press the V-Positioner Lock Levers **J** and while firmly gripping the panels, slowly lower until flattened.
2. Raise or lower the table top to the desired height for loading a patient by pressing and holding the indicator on the Foot Switch **B**.
3. Place the patient on the center of the table with its head over the Head Support **S**.
4. Proceed with additional table adjustments. When a procedure is completed, the table should be returned to a horizontal position with its 2 table V-panels flattened before removing the patient.

### Height Adjustment

The height of the Olympic Dental Table is infinitely adjustable from 29" to 41" and may be adjusted at any time during a procedure to provide maximum comfort to the operator or to provide better visualization or access.

The Foot Switch **B** is mounted on a swivel for easy access from either side, or from the back of the table. Simply move the swivel with your foot until the Foot Switch is directly in front of you, then step on the foot control to raise or lower the table.

## V-Table Dorsal Positioning Adjustment

The table top on your Olympic Dental Table consists of two panels, each hinged at the center of the table. Adjust the V-Table panels to the desired angle for dorsal positioning by depressing and holding each V-Positioner Lock Lever **I** while raising the panel to the desired angle. Releasing the lever will lock the panel in place. To flatten a V-Positioner panel, depress and hold the lever while firmly gripping the panel, slowly lowering the panel until level. The two panels are designed to operate independently and each can be adjusted to any angle up to 45 degrees.

## Tie-down Cleats

Mounted beneath each panel are 4 conveniently located Tie-down Cleats **K**.

**Caution: To avoid patient sliding when table is tilted, Tie-Downs should be used.**

## Table Tilt Adjustment

The tilt of the Olympic Dental Table may be adjusted to any angle up to 10 degrees by pressing on the Tilt Lever **I** while simultaneously lifting or lowering the end of the table closest to the lever. Releasing the lever will lock the table at the desired tilt angle.

**Caution: To avoid damage to the instrument tray **G** when tilting the table top, make sure the tray is not directly beneath the Removable Drain Pan **P**.**

**Caution: To prevent the table from tilting suddenly, always maintain a firm grip on the table top while depressing the Tilt Lever.**

## Instrument Tray Adjustment

The Instrument Tray travels up and down with the table top so that it is always at the same height relative to the table surface. A double-arm design permits the user to move the tray to any desired location on either side of the table. A height-adjustment latch permits the user to adjust the height of the tray relative to the table.

The Velcro-affixed B-Tray is intended to remain in place permanently. Any standard size B-Tray will nest snugly in this tray and can be removed between procedures for cleaning.

## Power

The Olympic Dental Table operates off suitable 120V/60Hz line voltage. A 5 port power strip with a 10' power cord is mounted on the end of the unit under the base plate **D**. The lift's motor is permanently plugged into one of these ports. The other 4 ports are available as needed.

## Moving the Dental Table

If at any time you wish to move the Dental Table, disconnect the Power Cord **E** and unlock all four caster brakes. To unlock a caster, step on the brake release lever. When the caster is locked, a red window will be visible on the caster.

**CAUTION: The Olympic Dental Table is heavy and requires at least two people to move it. Move the table slowly and carefully.**

## Cleaning

**Removing the trough **L** for cleaning.** The trough may be removed either from the rear of the table or from the front. To remove from the front, loosen the 4 head support thumbscrews **N** and **O**, tilt the head support assembly **S** down slightly, then lift the trough out of the retention clip at the rear of the unit and slide it forward.

**Removing the Drain Pan **P** for cleaning.** The Drain Pan support arms can be removed for occasional cleaning. Unscrew and remove the 4 black knobs on both arms to remove the arms. After cleaning, replace the arms and screw the knobs back in.

**All stainless steel surfaces** can be cleaned with soap and water and ordinary disinfectants.

**All painted surfaces, the Base, Lift Column, and Foot Switch** can be cleaned with soap and water and ordinary disinfectant.

**CAUTION: Do not let any liquid enter the Lift Column, as liquid can damage the lift mechanism and electrical parts.**

**CAUTION: Make sure that knobs are cinched down as tightly as possible to prevent any movement.**

## Routine Maintenance

Stainless steel surfaces should be cleaned and dried between use to prevent iron deposit build up. The Dental Table requires no other routine maintenance.

**For any questions about the use or maintenance of the Dental Table, please call 1-800-789-6768.**

## Specifications

### Olympic Dental Table – Model 50901, 50903

Capacity – 250 pounds with centered load

Table size – 21"W x 50"L

Headrest size – 21"W x 12"L

Overall maximum dimensions – 21"W x 62"L x 29"H

Height range – 29" to 41"

V-positioner range – zero to 45 degrees (each side)

Horizontal tilt – zero to 10 degrees

Casters – 4 in-line locking

Power – 120V/60Hz

Weight – 275 pounds

## Ordering Information

**50901** – Olympic Dental Table with 1 Swing Arm with 2 sockets for accessories. Includes 1 Instrument Tray.

**50903** – Olympic Dental Table with 2 Swing Arms with 2 sockets for accessories on each arm. Includes 2 Instrument Trays.

**50905** – Olympic Dental Table complete with 2 Swing Arms with 2 sockets for accessories on each arm. Includes 2 Instrument Trays, IV Pole and Exam Light.

### Optional Accessories

**50985** – Compressor Cart for Olympic Dental Table.

**50986** – Special use Swing Arm for Olympic Dental Table for mounting some brands of large anesthesia units. Please inquire.

**50987** – LED Exam Light with Flexible Arm for Olympic Dental Table and Hi-Lo Wet Table.

**50988** – Laptop Computer Support Arm for Olympic Dental Table or Hi-Lo Wet Table.

**51081** – IV Pole for Olympic Dental Table or Olympic Hi-Lo Wet Table.

**51086** – Swing Arm with 2 sockets for accessories for Olympic Dental Table or Hi-Lo Wet Table.

**51087** – Height-adjustable Instrument Tray for Olympic Dental Table or Hi-Lo Wet Table.

## 3-Year Unconditional Warranty

The Olympic Dental Table (model 50901, 50903, 50905) 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. The charge for shipping the defective component is the responsibility of the buyer and must be accompanied by an RMA number. The shipping charge to return the component to the buyer is the responsibility of Olympic Veterinary, Inc. 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. In such cases, the labor cost shall be the sole responsibility of the user.

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 Dental Table (model 50901, 50903, 50905).

## Contact Us

### Olympic Veterinary Corporation, Customer Service

9311 SE 36th Street, Unit 220  
Mercer Island, WA 98040

**Phone:** (800) 789-6867

**Fax:** (800) 905-0839

**Email:** [info@OlyVet.com](mailto:info@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.