

# ELITE Auto Manual Flex

## USER MANUAL



Auto Manual Flexion Table



Child Stationary



Stationary



Pump Control Elevation



Electric Elevation



Manual Flex



Automatic Flex



Automatic Manual Flex



High Low



High Low & Elevation



High Low Flex



Therapy / Massage

22 John Street  
Hagersville, Ontario  
Canada  
NOA-1H0  
1-800-689-4730  
[www.elite-chirotables.com](http://www.elite-chirotables.com)

Serial Number	
Model	AUTO-MAN-FLEX
Date	

ELITE Manufacturing, ©2009, All rights Reserved

22 John Street ✉ Hagersville, ON NOA-1H0 ✉ 1 800 689•4730, fax 905 768•0822 ✉ [www.elite-chirotables.com](http://www.elite-chirotables.com)

# Contents

<b>1</b>	<i>Safety Instructions</i>	<i>1</i>
	Important Notice . . . . .	1
	Electrical Safety Instructions . . . . .	1
<b>2</b>	<i>Drops &amp; Cushions</i>	<i>2</i>
	Drops . . . . .	2
	Elevate Cushion & Ankle Rest. . . . .	2
<b>3</b>	<i>Headpiece</i>	<i>3</i>
	Standard Headpiece . . . . .	3
	Headpiece - Adjusting the Position . . . . .	4
	Headpiece Optional Dual Drop - How to use the Toggle Drop . . . . .	5
	Headpiece Optional Dual Drop - How to use the Forward Motion Drop . . . . .	7
	HP-Flex Headpiece . . . . .	9
	HP-Flex-L Headpiece . . . . .	10
	Installing the Paper Roller . . . . .	10
<b>4</b>	<i>Thoracic Breakaway</i>	<i>11</i>
	Thoracic Breakaway - How to release the breakaway . . . . .	11
	Thoracic Breakaway - How to use the drop . . . . .	13
<b>5</b>	<i>Automatic Manual Flexion Table</i>	<i>15</i>
	Table Overview . . . . .	17
	Convert to Manual Flexion - Overview . . . . .	18
	Convert to Automatic Flexion - Overview . . . . .	18
	Convert to Automatic Flexion - Step By Step . . . . .	19
	Convert to Manual Flexion - Step By Step . . . . .	20
	Manual Flexion Function - Step By Step . . . . .	21
	Table Elevation (optional) . . . . .	22
	Table Lateral Flex . . . . .	22
	Table Distraction (optional) . . . . .	23
	Installing Flex Straps . . . . .	23
	Table Specifications . . . . .	23

# Contents

---

<b>6</b>	<i>Table Maintenance &amp; Support</i>	24
	Part List . . . . .	24
	All Models . . . . .	24
	Automatic Flexion Model Only . . . . .	24
	Maintenance & Care Tips. . . . .	25
	Control Box Fuse Replacement . . . . .	26

---

<b>7</b>	<i>Warranty</i>	27
	Return Policy . . . . .	27

# 1 Safety Instructions

Please study the Safety Instructions and all Operating Instructions in this manual before operating your new ELITE table. Failure to follow these instructions may result in injury to you or your patient.

## Important Notice

Doctors and patients must keep hands, fingers and feet clear and away when the table is raised or lowered. Injury could ensue.

Patients hands should be kept on the Arm Rest.

Do not allow patients to get on or off table when table is raising or lowering

Patients should get on or off table when table is at it's lowest position, and all motion ceased.

Never leave table unattended, or in operation with patients or children present

## Electrical Safety Instructions

If your table is equipped with an electric motor, connect the table only to an outlet which is grounded and connected to a properly fused or breaker-controlled circuit.

Make certain all electrical cords are in good condition.

Power cords have to be away from all pinch points or moving parts, especially EA Electric Elevation Table, High Low, and High Low Elevation Table and Flex table.

# 2 Drops & Cushions

For controls on the main portion of the table, headpiece excluded.

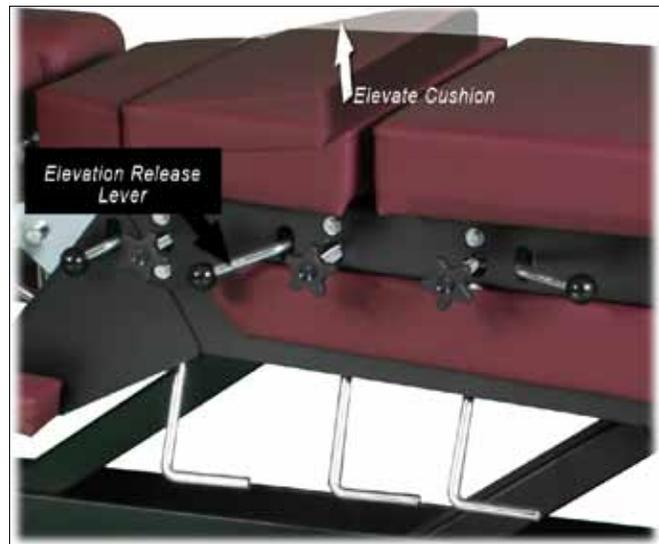
## Drops

Drop tension is adjusted by turning the drop tension adjust knob. Turn clockwise to tighten or counter-clockwise to loosen.



## Elevate Cushion & Ankle Rest

Elevation of the cushion or ankle rest sections is achieved by placing fingers beneath cushion frame and lifting to desired angle. To return cushion or ankle rest to normal horizontal position, pull up on the cushion elevation release lever.



**Tension adjustments are very sensitive.**

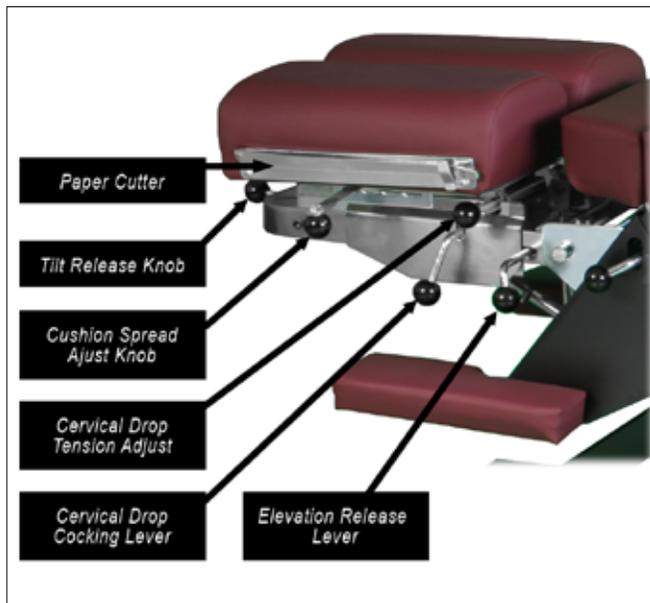
**Recommended: Half turn and test for desired drop pressure.**

# 3 Headpiece

Elite tables can be ordered with a variety of different headrests.

## Standard Headpiece

Our standard multidirectional headpiece includes tilt, elevation and spread. The headpiece also contains a cervical drop either forward motion oriented or straight down motion.



### Paper Cutter

Use the Paper Cutter to cleanly tear/cut the headrest paper.

### Tilt Release Knob

To raise the headpiece to the desired angle pull up on the headpiece bracket until desired tilt is reached. To lower the headpiece tilt press the Tilt release knob and move headpiece to desired angle.

### Cushion Spread Adjust Knob

Lift knob slightly and move forward or backward to achieve desired cushion spread.

### Cervical Drop Tension Adjust

Turn knob clockwise to tighten drop tension, counter-clockwise to decrease tension.

### Cervical Drop Cocking Lever

Push down lever to cock the drop.

### Elevation Release Lever

To lower rear headpiece cushion, pull up and release. To raise rear side of headpiece, place hands under both sides of the face cushion base and raise to desired height.

## Headpiece - Adjusting the Position

The following illustrates the various position adjustments for the standard headpiece.

1. Neutral Position



2. Push knob in



3. Tilt down



4. Headpiece tilted down



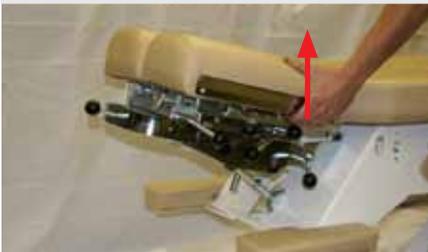
5. Grasp bar and tilt up



6. Headpiece tilted up



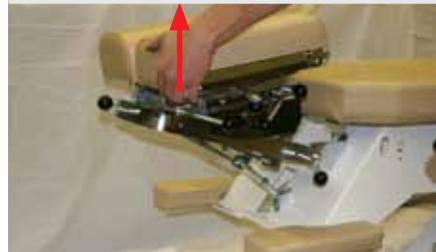
7. Raise back side of headrest



8. Headrest back side raised



9. Raise front of headrest



10. Headrest elevated



11. Lower rear of headrest



12. Headrest rear lowered



13. Lower front of headrest



14. Release knob



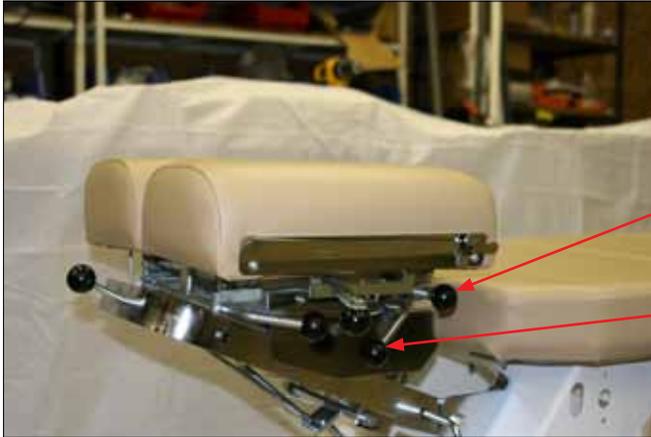
15. Headrest back in neutral position



## Headpiece Optional Dual Drop - How to use the Toggle Drop

Our optional dual drop headpiece has both forward motion oriented and straight down motion.

The following illustrates how to perform a toggle drop.



### Toggle Drop (Straight) - Start

To perform a forward motion drop follow these steps.

Adjust the drop tension to desired setting. Turn knob clockwise to increase drop tension and counter clock wise to decrease tension.

Once the desired tension is set you will use the toggle drop cocking lever.



### Toggle Drop - Cocking Lever

Grasp the toggle drop cocking lever.



### Toggle Drop - Cocking the Drop

Pull the lever towards you to cock the drop.



**Toggle Drop - Deploying the drop**

Once the drop has been cocked push in a forward motion and the drop will release.

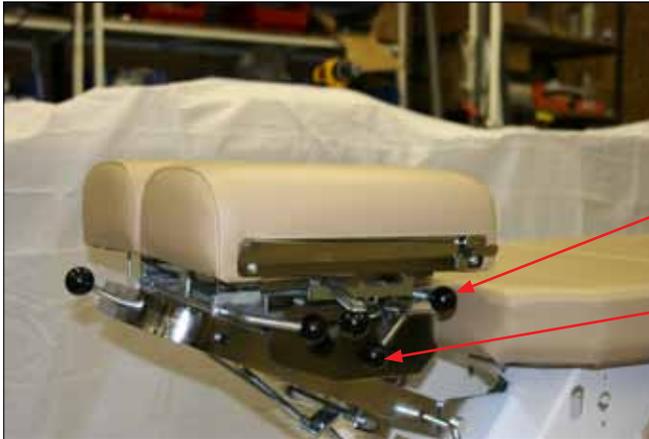


**Toggle Drop - Deployed Drop**

Headpiece will drop to the un-cocked position.

## Headpiece Optional Dual Drop - How to use the Forward Motion Drop

The following illustrates how to perform a forward motion drop.



### Forward Motion Drop - Start

To perform a forward motion drop follow these steps.

Adjust the drop tension to desired setting. Turn knob clockwise to increase drop tension and counter clock wise to decrease tension.

Once the desired tension is set you will use the toggle drop cocking lever.



### Forward Motion Drop - Cocking Lever

Grasp the toggle drop cocking lever.



### Forward Motion Drop - Cocking the Drop

Pull the lever towards you to cock the drop.



**Forward Motion Drop - Cocking Lever**

Next Grasp the forward motion drop cocking lever.



**Forward Motion Drop -Cocking the Drop**

Push the lever forward to cock the drop.



**Forward Motion Drop - Deploying the drop**

Once the drop has been cocked push in a forward motion and the drop will release.



**Forward Motion Drop - Deployed Drop**

Headpiece will drop to the un-cocked position.

## HP-Flex Headpiece

Our new flexion/distraction headpiece includes all the features of our standard multidirectional headpiece including flexion motions (long axis traction and flexion). In the illustrations to follow the flex handle has been removed to simplify the diagrams. In practice to use the flexion features the flex handle must be inserted into the flexion headpiece. Furthermore the flex headpiece straps must also be utilized.

Please view the standard headpiece instructions for operations of standard features.

### Long Axis Traction

With the patient on the table insert the flexion handle and secure the flexion straps. Then following proper procedures use the flexion handle to perform long axis traction.



### Flexion

With the patient on the table insert the flexion handle and secure the flexion straps. Then following proper procedures use the flexion handle to perform flexion.



### Elevation

The headpiece can be elevated and lowered.



## HP-Flex-L Headpiece

Our flexion/distraction and long axis traction headpiece includes all the features of our standard multidirectional headpiece and the HP-Flex headpiece and also includes lateral flexion.

Please view the standard headpiece instructions and HP-Flex instruction for operation details.

### Lateral Flexion

With the patient on the table insert the flexion handle and secure the flexion straps. Then following proper procedures use the flexion handle to perform lateral flexion.



## Installing the Paper Roller

The following illustrates how to install the paper roller on the headrest.



# 4 Thoracic Breakaway

Elite tables can be ordered with an optional breakaway thoracic section. The Illustration shows a breakaway with optional drop in breakaway.

## Thoracic Breakaway - How to release the breakaway

The following illustrates how to use the thoracic breakaway.



### Breakaway - release knob

The tension for the breakaway can be adjusted by rotating the tension adjustment knob clockwise to increase, or counter clockwise to reduce the amount of tension.

The breakaway release knob is shown here in the locked position.



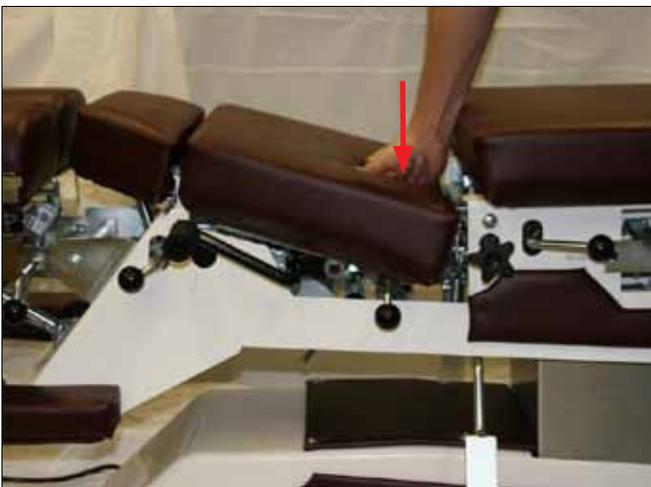
### Breakaway - releasing the breakaway

Push the breakaway release knob towards the front of the table to release the breakaway



### **Breakaway - Released**

Once the release knob has been pushed forward the breakaway will be released.



### **Breakaway - Testing the breakaway**

Shown here the breakaway in action.

## Thoracic Breakaway - How to use the drop

The following illustrates how to use the optional drop in the thoracic breakaway.



### Breakaway - Lock the Breakaway

Push the breakaway release knob towards the back of the table to lock the breakaway. Once locked the cushion will not breakaway and will be ready to perform drops.



### Breakaway - Drop Cocking Handle

To perform a drop follow these steps.

Adjust the drop tension to desired setting. Turn knob clockwise to increase drop tension and counter clock wise to decrease tension.



### Breakaway - Cocking the Drop

Locate the drop cocking handle and push down to cock the drop.



**Breakaway - Drop Cocked**

Shown here is the drop in the cocked position



**Breakaway - Deploying the drop**

Once the drop has been cocked push in a downward motion and the drop will release.



**Breakaway - Deployed Drop**

The thoracic cushion will drop to the un-cocked position.

# 5 Automatic Manual Flexion Table

## Control Box

The Automatic & Manual Flex table has a digital control box that is used to operate the tables Automatic flexion features. There are two modes of operation. Timed flexion where the flexion action will run for a period of time, or manual operation where the chiropractor controls the length of the operation. The control box also has a dial for selecting the flexion speed of the table.



### Timed Operation - Automatic Flexion:

1. Switch the 'Timer or Manual' toggle to 'Timer'
2. Switch the 'On & Off Switch' to 'On'
3. Select 'Mode' to the desired units of time, either seconds, minutes or hours. Most common usage would be minutes.
4. Set the amount of time using the 'Increase & Decrease' buttons. Remember that the time displayed on the digital display is in the units specified by the lights beside the mode button (seconds, minutes or hours).
5. Adjust the flexion speed of the table by turning the 'Speed Dial'.
6. Push the Start button to begin flexion, and the Stop button to end the Flexion.

### Manual Operation - Automatic Flexion

1. Switch the 'Timer or Manual' toggle to 'Manual'
2. Adjust the flexion speed of the table by turning the 'Speed Dial'.
3. Switch the 'On & Off Switch' to 'On' and the Flexion action will begin.
4. To stop the Flexion action switch the 'On & Off Switch' to 'Off'

### Safe Operation

The speed control dial of the “ELITE FLEXION CONTROL” is not considered a safe way to isolate the movement of the table. Anytime a patient is entering or existing from the table, power to the drive motor must be removed. This is done by placing the controller’s “ON/OFF” switch into the “OFF” position. If this switch should become damaged or faulty, over the expected life span of the unit, the controller must be removed from service.

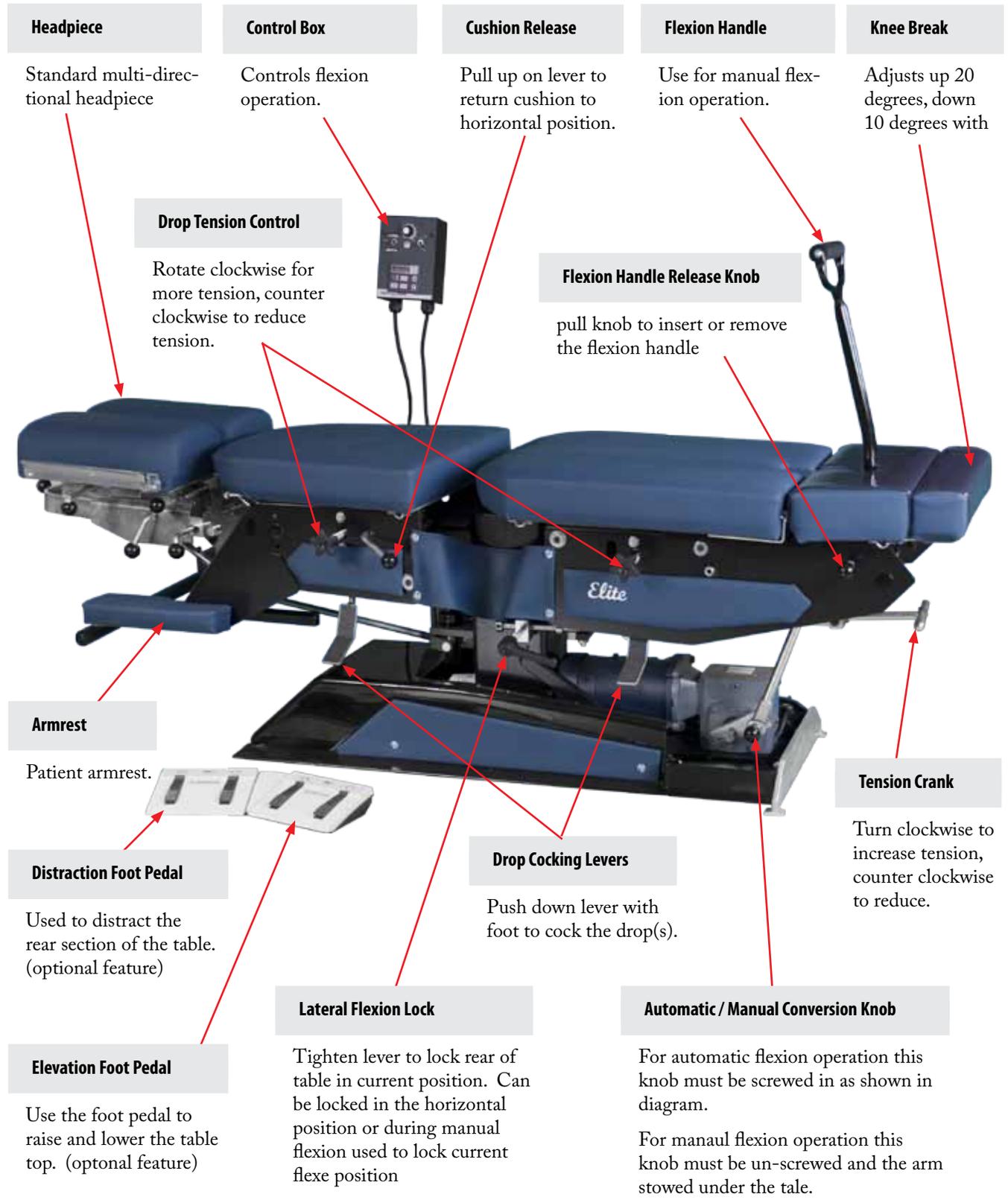
Setting the speed control dial to zero to inhibit bed movement while not in use may cause early component failure and presents a safety hazard. The controller’s “ON/OFF” switch must be placed into the “OFF” position anytime the bed movement function is not required.

If you perform any mechanical adjustments to the drive motor link assembly or any electrical service to motor or drive controller, **ALL POWER MUST BE REMOVED TO THE CONTROLLER.** This can be done by unplugging the drive controller from its power source and allowing a few minutes for the controller to discharge any stored power before performing any service work.

### Safe Operation Explained:

The “ELITE FLEXION CONTROL” is a high quality, simple to use, motor speed regulator best suited where applications do not require an exact speed set point. These controllers have a +/- 5% error factored into their speed regulation. This error can be magnified at the consumer’s location as voltage fluctuates from area to area. At the high end, this will cause the drive motor to either not reach maximum RPM speed or go slightly above it, all within the motor’s operational specs. The same could be found at the low end of the motor’s RPM range. This is within normal functionality for this application.

# Table Overview



## Convert to Manual Flexion - Overview

To convert from Automatic Flexion operation to Manual Flexion operation follow these steps.

### Automatic to Manual Conversion

1. Make sure the Control Box on/off switch is switched in the off position and the table is unplugged.
2. Unscrew the 'Automatic / Manual Conversion knob' and stow the handle under the table as shown in the diagram below.
3. Insert the Flexion Handle



## Convert to Automatic Flexion - Overview

To convert from Manual Flexion operation to Automatic Flexion operation follow these steps.

### Manual to Automatic Conversion

1. Grasp the 'Automatic / Manual Conversion bar' stow under the table and attach it to the motor flexion bracket as shown in the diagram above
2. Remove the flexion handle
3. Set the control box to either manual or timed flexion operation and start the flexion motion.



## Convert to Automatic Flexion - Step By Step

To convert from Manual Flexion operation to Automatic Flexion operation follow these steps.

### Step #1

Remove the flexion bar from the clip under the table.



### Step #2

Move the arm to the flexion motor attachment bracket.



### Step #3

Remove the knob from the storage location by turning counter clockwise.



### Step #4

Now that you have the knob secure the flexion bar to the motor bracket with the knob by turning clockwise.



### Step #5

Turn the knob clockwise until the knob secured tight.



### Step #6

The table is now ready for automatic flexion operation.



## Convert to Manual Flexion - Step By Step

To convert from Automatic Flexion operation to Manual Flexion operation follow these steps.

### Step #1

Unscrew the 'Automatic / Manual Conversion knob' from the flexion motor bracket.



### Step #4

The knob shown here has been set in the storage location by turning clockwise.



### Step #2

Turn the knob counter clockwise until you can remove the knob. Then store the knob as shown in step #2.



### Step #5

Store the automatic flexion bar underneath the table. There is a holder that the bar will clip into



### Step #3

Store the knob you have just unscrewed on the storage location on the side of the table



### Step #6

Once the flexion bar has been clipped in the storage location then the table is ready for manual flexion.



## Manual Flexion Function - Step By Step

The following illustrates the steps used to perform manual flexion. The flexion tension can be set at the rear of the table by a crank or if your table as the optional electric tension adjustment then you can use a foot pedal to adjust the tension.

1. Table in locked position



2. Loosen flex lock



3. Flex down



4. Grasp the lateral flex lock



5. Loosen lateral flex lock



6. Table un-locked



7. Able to perform figure 8 (ROM)



8. Flexed down and left



9. Flexed down and right



10. Grasp flex lock



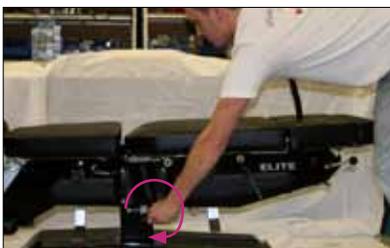
11. Tighten flex lock



12. Grasp lateral flex lock



13. Tighten lateral flex lock



14. Pull flexion bar release knob



15. Remove flexion handle



## Table Elevation (optional)

If your table is equipped with the table elevation feature then you are able to control the height of the table with the tap of a footswitch.

**Table Lowered**



**Table Raised**



## Table Lateral Flex

Your table is able to flex laterally at the front and back of the table.

**Table Front & Back Flexed Right**



**Table Front & Back Flexed Left**



## Table Distraction (optional)

If your table is equipped with the electrical distraction then you can distract the rear of the table.

**Table Distracted**



**Table Not in Distracted Position**



## Installing Flex Straps

Flex straps are clipped into the loops under the cushions as shown in the following illustration.



## Table Specifications

Automatic Manual Flex	
Weight	408 lbs / 185 kg
Weight Skidded	458 lbs / 207 kg
Weight Crated	608 lbs / 275 kg

# 6 Table Maintenance & Support

ELITE Chiropractic tables have been called “The Work-house of the Industry” and while we stand behind the superior function and low maintenance needs of each model, replacement parts are available should they be required.

## Part List

Minimum shipping orders apply to all parts ordered. For further information please contact your ELITE Chiropractic table dealer or ELITE Manufacturing, 1-800-689-4730.

## All Models

1. Drop springs (1 for each drop)
2. Steel drop ball (2 for each drop)
3. Cervical drop tension rod with knob
4. Thoracic / Lumbar / pelvic tension rod with knob
5. Drop Tension control rod receptacle
6. Thoracic drop assembly
7. Lumbar drop assembly
8. Pelvic drop assembly
9. Headrest with cervical drop (complete)
10. Headrest paper cutter assembly
11. Headrest paper holder assembly
12. Headrest paper roller (wood)
13. Drop cocking foot pedal
14. Clevis pins (large)
15. Clevis pin (small)
16. Clevis cotter pins
17. Elevation Motor
18. Foot switch

## Automatic Flexion Model Only

19. Flexion Handle
20. Flexion Motor
21. Digital Control Box

## Maintenance & Care Tips

### Upholstery Care

To prolong the life of upholstery (Whisper, Burkshire & leather) we recommend regularly wiping cushions with a damp cloth containing a mild soap and water solution.

### Locating the Serial Number

The serial number is located at the back of the table as shown in the illustrations bellow. You will need this number when making inquires to ELITE customer support.



### Moving Your Table

We recommend having two people move the table. One person at each end of the table. The following will illustrate the proper location to lift the table. Please be aware that the tables are heavy so only attempt moving the tables if you are comfortable with the weight.

The person lifting from the front of the table should push the headrest **Tilt Release Knob** in to lock the upward motion of the headrest. When you apply upward force the headrest should not move



The person lifting from the back of the table should lift holding onto the handles as shown bellow.



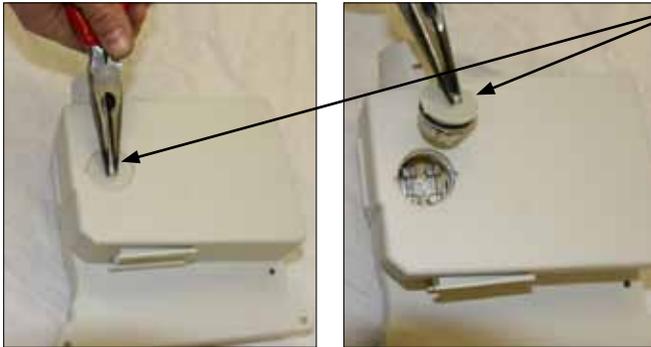
## Control Box Fuse Replacement

If a your table has a motor that is not functioning properly then the first step to performed is to replace the fuses in the control box. Follow the steps outlined below.



### Control Box Location

Unplug your table from the wall outlet and then locate the Control Box by tilting the table as shown and laying it down on it's side. Then look for the grey box that has the power cable running to it.



### Opening the Fuse Compartment

Using needle nose pliers pull the fuse box plug out of the Control Box.

\*Note - You should leave the Control Box in the table (as shown in the previous photo), the photo's used here show a control box that has been removed from the table for clarity of illustration.



### Replacing the Fuses

You will find two spare fuses in the plug that you just removed.

Replace the two fuses in the control box with the spares from the plug. Once this is complete put the plug back into the control box. Then stand the table upright again and plug it back into the wall outlet. You can now try using your table again to see if it has resolved the problem.

NOTE: If you have already used the spares fuses previously then you will have to contact ELITE to order new fuses.

# 7 Warranty

All products (and parts thereof), manufactured and sold by Elite Manufacturing (1180396 Ontario, Inc.) are warranted to be free from defects in material and workmanship for a period of two years from the date of shipment.

If notice of claim is made within the warranty period, Elite Manufacturing will repair or replace, at its option, the product or part which is defective.

The customer must obtain prior authorization from Elite Manufacturing to return defective parts or to have repairs performed by non-Elite personnel (exclusive of authorized Elite dealers). Labour charges to remove or replace defective parts are not covered by this warranty.

Defective conditions caused by misuse, abuse, acts of God, accidents, abnormal use or stress, modifications or any other matter unrelated to Elite Manufacturing and beyond its reasonable control are not covered.

In no event shall Elite Manufacturing (or its agents) be liable for loss of use, revenue, or profit or for indirect consequential damages.

Upholstery materials and fabric are not warranted under this agreement. We suggest prolong life of upholstery can be obtained by regular wiping cushions with a damp cloth containing a mild soap and water solution.

## Return Policy

### ELITE MANUFACTURING

#### Division of 1180396 Ontario Inc.

1. Any order placed with us but cancelled in writing prior to shipping by us will be given a full credit (refund).
2. Any goods that have been shipped or are in the process of shipping by us will be subject to a 20% restocking charge plus any shipping costs incurred by us for shipment out and return of such goods.
3. On any returned goods, we reserve the right to inspect same prior to credit (refund) and any damage of defects or missing items from the goods will incur charges in addition to the restocking charge and freight charges.
4. If Elite has received payment from customer, Elite will refund the difference to our customer after any of the above charges.