



# TS

# ASSEMBLY MANUAL







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## TOOLS REQUIRED FOR ASSEMBLY OF A SINGLE TS UNIT:

-One Phillips screw driver.



-Two 9/16" wrenches.



-Two able bodied persons are required for assembly.



## UNPACKING INSTRUCTIONS

The following items are packaged in the container.

### EQUIPMENT: (single unit TS)

- Vertical frame/post with control console attached.
- Two foot pedals.
- Two quick release hand grips.
- One front curved tubing base and two stable pads with nuts.
- One back straight tubing base.
- One brace, post to back base.
- Two side handrails.
- One metal hood cover / tablet display
- One transformer / 110 volt AC Adapter.

A. (2) Base Bolts 3/8" x 3 3/4" long

B. (4) Base Bolts 3/8" x 5/8" long

C. (3) 3/8" lock nuts

D. (3) Side Hand Rail Bolts 3/8" x 4 1/4" long

E. (1) 3" Hand Rail Spacer

F. (3) 3/8" lock nuts

G. (4) Foot Pedal Bolts 3/8" x 1 1/2"

H. (1) 3/8" lock nut



A.



B.



C.



D.



E.



F.



G.



H.

## **TS VERSACLIMBER SPECIFICATIONS**

### **PHYSICAL SIZE**

Height	7 feet, 10 Inches (2.1 m x 25 cm)
Footprint	42 Inches x 45 Inches (106 cm x 114 cm)
Weight	155 pounds (70 kg)

### **FUNCTIONAL FEATURES**

Pedal Step Height	0 to 20" (0 x 50 cm)
Arm Stroke Length	0 to 20" (0 x 50 cm)
Hydraulic Climb Rate Control	Hydraulic
Force Control	0 To 500 lbs. (226 kg)
Climb Angle	75 Degrees
Vertical Lift Factor (% slope)	96.6 Percent

### **POWER SUPPLY**

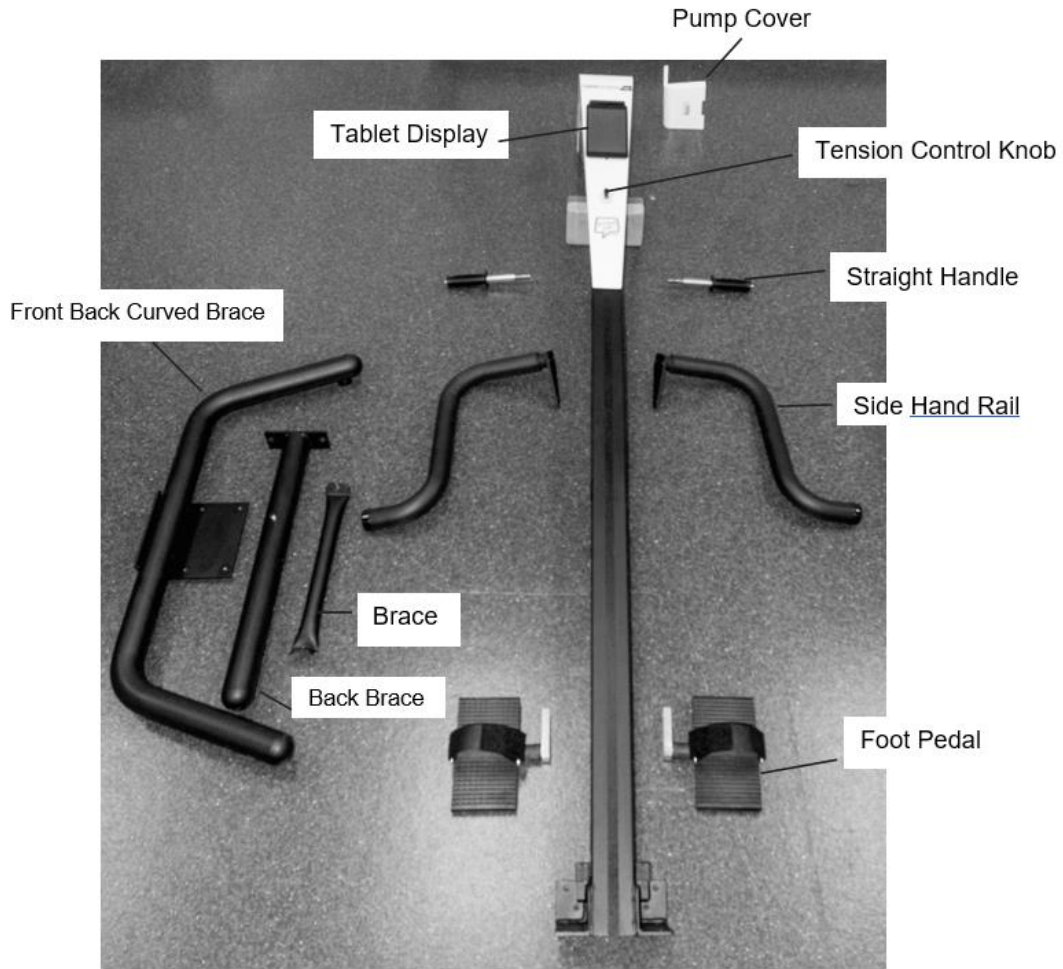
Power Cord	110v
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### **USER ACCOMMODATIONS**

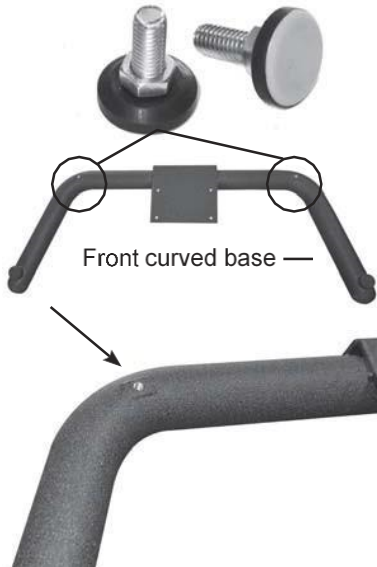
Level of Physical Fitness	Novice To Elite
Climber's Height	4' 2" to 6' 7" (1.21 m x 2.1 m)
Climber's Weight	65 lbs. to 352 lbs. (30 - 160 kg)



## TS PART IDENTIFICATION



1. Screw in two Stabilizer Knobs onto the corners of U base.



2. Locate the threaded inserts on the underside of the front U base at the sections that curve.



3. Make sure stabilizers are screwed all the way into curved base before assembling TS VersaClimber.



4. Screw down knobs until pads are touching floor or just resting on.



5. Once both knobs are set into position, spin the hex nut up until secured at the bottom of the front base tube then tighten firmly with a 9/16" wrench, to lock stabilizer in place.



**6.** Attach the front curved tubular floor brace to the post. Using four hex head bolts  $3/8'' \times 5/8''$  long bolts, screw down until firmly tight.



**7.** Screw in (4) self tightening base bolts.



**8.** Securely TIGHTEN all (4) bolts.



**9.** Lift and hold main post in the vertical upright position.



**10.** Attach back tubular floor brace to post with (2) hex head bolts  $3/8'' \times 3\frac{3}{4}''$  long and (2) lock nuts. **DO NOT TIGHTEN FULLY AT THIS TIME.**



**11.** Attach tubular brace between main post and back tubular floor base with (2)  $3/8''$  lock nuts **DO NOT TIGHTEN FULLY AT THIS TIME.**



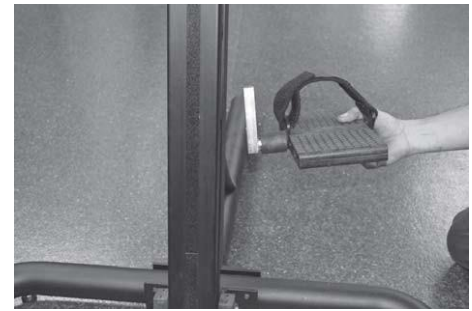
**12.** After tubular brace is in place, go back and **FULLY TIGHTEN** the (2) 3 3/4" long base bolts.



**13.** Then go back and **TIGHTEN FULLY** the TOP lock nut on the tubular brace.



**14.** Next, tighten the **BOTTOM** lock nut on the back brace to complete post assembly.



**15.** Attach foot pedals with "L" shape bracket pointing up, using (2) 3/8" x 1 1/2" long hex head bolts.



**16.** Securely **TIGHTEN** foot pedals.

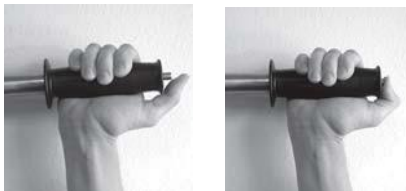
**NOTE:** It is recommended to visually inspect foot pedals and tighten bolts every (2) months and pedal shaft replacement every three years.



**17.** Attach side handrails with (3) hex head bolts 4" long and (3) 3/8" lock nuts.



**18.** Insert 3" long spacer and **FULLY TIGHTEN** all 3 bolts and nuts.



Install quick release handgrips by depressing pin with thumb and inserting into top lug at the upper portion of VersaClimber.



**19.** With the post supported or after VersaClimber is upright, slip pump cover into place. Attach with four Phillips pan head screws 1/4" x 1/4" long. **DO NOT OVER TIGHTEN.**



Plug the transformer into the back of the post and a 110 volt wall socket.

### THE HYDRAULIC SYSTEM

The hydraulic system consists of a heavy duty, reversible gear pump. A flow control valve (black knob) is connected between the input and the output ports. A clear oil fill reservoir is located on top of the pump, at the very top of the climber.

#### NOTE:

The oil in the pump clear pump reservoir always darkens in color and most of the time, turns black in color—this is normal.

#### WARNING NOTICE:

In order to maintain highest safety level of equipment, a regular examination is required for damage and wear. This requires a visual inspection of connectors, cables, chains, sprockets, pedals, handles etc. on a regular basis.

#### NOTICE:

Replace defective components immediately and/or keep equipment out of use until repair is made.

**NOTE:**

**TO MAINTAIN TRAUMA FREE MOTION, IT IS MANDATORY THAT YOU DO NOT, UNDER ANY CIRCUMSTANCES, "BOTTOM OUT" AT THE END OF EACH STROKE. ALSO, DO NOT HIT THE STEP HEIGHT LIMITERS WHEN THEY ARE IN USE.**

**ROLLER AND SLIDE BEARINGS**

There are rollers and slide bearings made from high pressure application moly-disulfide filled nylon on each oscillating bar. The roller bearings are held on with 3/8" shafts and press-on grip rings. The slide bearings are held in place with two 3/8" pins. The slide bearings have lubrication points. This bearing material is expected to be maintenance free for years. The bearings are lightly lubricated at the factory and the wear life and smooth operation of the machine can be assured by lubricating every two months or sooner if required. Lubricate with any good quality synthetic lubricant.

First wipe any excess oil, lint, dirt, etc. from all internal accessible surfaces of the rectangular tubing. Move the bars up and down to allow access to clean the two foot pedal slots and the two hand grip slots. Use paint thinner to remove the oil and lint residue. When clean, wipe or spray a synthetic lubricant on all four internal surfaces of the rectangular tubing.

**PREVENTATIVE MAINTENANCE SCHEDULE**

Daily:

1. Wipe down the main post, base and side rails with a rag and non-solvent, non-ammonia cleaning solution.

Weekly:

1. Hand check quick-release handle bushings, which the handles lock into, on both sides to make sure they are tight.
2. Check oil level in top reservoir, it should be at least 3/4 full--this should never dip below.

**A)** If oil level is low, fill using 80/90 gear oil. Oil level should remain at 3/4 full.

**B)** If you notice the oil has turned dark or black, this is normal.  
Oil never has to be changed.

**NOTE:**

**Never lube the internal tracks with any kind of grease.**

Quarterly:

Wipe off the top & bottom chains and put a very light coat of light grease on chain. Using a toothbrush, or firm paint brush, brush on grease on exposed chain.

This is the ONLY place you will use grease on the VersaClimber.

Questions please call 1.800.237.2271 x226

1. Heart Rate Inc. (H.R.I.) warrants to the original purchaser that the TS is free from defects in material and workmanship under normal use and proper maintenance with a three-year limited warranty subject to the terms and conditions hereafter set forth. Except for the above warranty, it is expressly agreed that NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE or of a particular use nor any warranty of any kind whatsoever express, implied or statutory is made by H.R.I.
2. This warranty does not cover any damage caused misuse, tampering, negligence, accidents, abnormal conditions, lack of adequate maintenance or unauthorized service or alterations to the product.
3. Liability of H.R.I. is limited to either repair or replacement of the defective part or the replacement of the machine at the option of H.R.I. on an exchange basis, with the customer bearing all costs of shipping and handling to and from the factory.
4. Length of Warranty, Parts.

ITEM PARTS REPLACEMENT:

**3 YEAR**

FRAME, HANDRAILS, BASE SUPPORT	3 YEARS
HYDRAULIC MOTOR	3 YEARS

**2 YEAR**

FOOT PEDALS	2 YEARS
HANDLES	2 YEARS
CHAINS AND SPROCKETS	2 YEARS
ROLLERS AND SLIDES	2 YEARS

**1 YEAR**

ELECTRONICS	1 YEAR
HAND GRIP	1 YEAR
FOOT PEDAL STRAPS	1 YEAR
HANDRAIL FOAM COVERS	1 YEAR

5. Length of Warranty, Labor  
During the first year, all labor is covered by the warranty. All labor repairs for warranty and non-warranty parts will be performed at the factory. The cost of shipping to and from the factory is the responsibility of the warranty.
6. This warranty does not cover paint deterioration, discoloration, chipping or rust.
7. After all of the foregoing conditions have been complied with, if H.R.I. shall thereupon attempt repairs and /or replacements which shall for any reason fail, H.R.I. shall be allowed to continue to attempt to remedy any defects for so long a period of time as, In H.R.I. sole judgment, such attempt is justified.
8. The foregoing shall be buyer's sole and exclusive remedy, whether based on tort or otherwise, and H.R.I. shall not be liable for any injuries to persons or property. In no event shall H.R.I. be liable for incidental or consequential damages for commercial losses or for any other loss or damages except as above set forth.
9. This warranty is expressly in lieu of all other warranties, express or implied, and of all other obligations or liabilities on the part of H.R.I. No person, firm or corporation is authorized to assume any other liability on behalf of H.R.I.

Also see warranty on the web: <https://versaclimber.com/warranty/>