

# T-ReX<sup>10000</sup>

@TRexTentJack

## Instruction Manual



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**FEATURES OF THE PRODUCT**

The T-Rex tent erector is a resourceful tool and wise investment for the tent rental business. it has the capability for erecting pole and frame tents. The T-Rex used correctly is a better way to save time and labor, but most importantly it is the safety of the process.

**SAFETY GUIDELINES**



Read and follow all the safety information, warnings and operation instructions included in this manual before operating this machine. Keep this manual for reference and review.

- Be sure battery the is fully charged before starting operation.
- Do not turn over the T-Rex as battery acid could leak out of the battery causing burns or corrosion.
- The synthetic rope and the sling rigging should be replaced every 3 years.
- Inspect the rigging. **DO NOT** use it if there is any damage.
- While the winch is in operation, keep hands, feet or loose articles clear.



### **CAUTION**

- For your safety, always use hard hats while erecting or breaking down the tents.



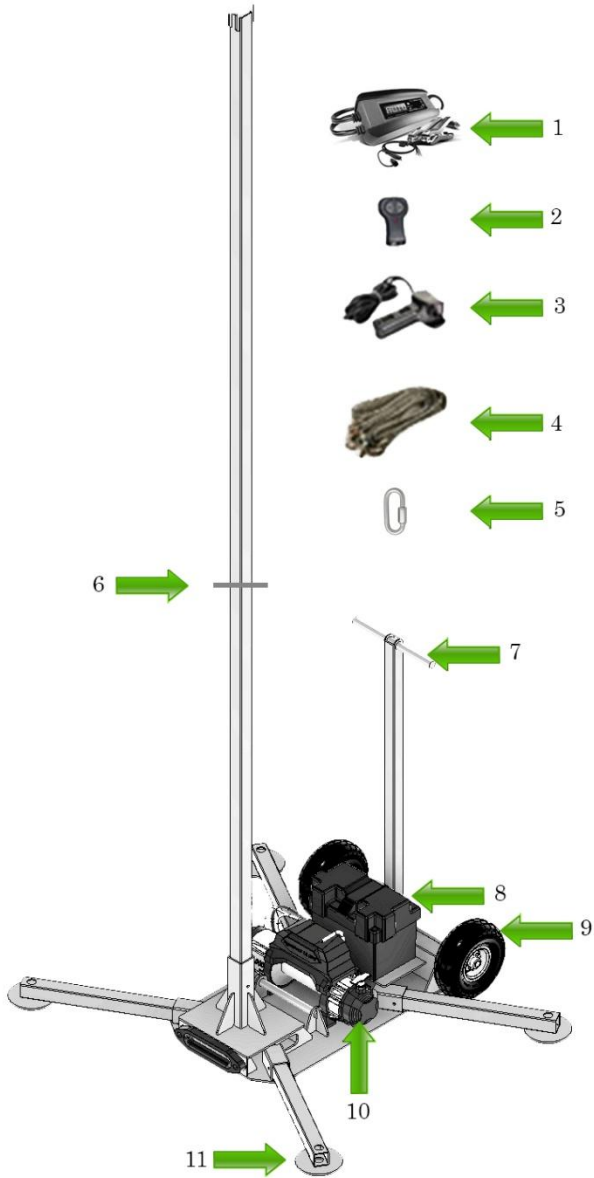
### **DANGER**

- Watch for low power lines while moving the mast. Low power lines could cause shock or death.
- Before staking the T-Rex into the ground, be sure there are no gas, electric or water lines.

## **PRODUCT SPECIFICATIONS**

- Winch 10000 LBS
- 3/8 nylon rope 80' L
- 1 Quick link 1/2"
- 1 wireless remote
- 1 hardwired remote
- Marine Battery cranking amps 845
- Battery maintainer
- 2 Non-flat tires 10"
- 1 Telescopic Mast, 13.5' H, weight 45 LBS
- 4 Outriggers 2'
- 1 sling 2" X 20' with 2 anchor shackles
- Base 20" W X 34" L, weight 340 LBS
- Powder Coated

# MACHINE COMPONENTS



REF	DESCRIPTION	QTY
1	Battery Maintainer	1
2	Wireless Remote	1
3	Hardwired Remote	1
4	2" X 20" sling w/ 2 anchor shackles	1
5	½" Quick link	1
6	13.5' Telescopic Mast	1
7	T-Handle	1
8	Marine Battery cranking amps 845	1
9	Non-flat tires 10"	2
10	Winch 10000 lbs	1
11	2' Outriggers	4

## GENERAL INFORMATION

- o The battery should be charged at the end of each day using the battery maintainer to ensure the battery is ready for use.
- o Always inspect your rigging, check the sling and nylon rope for any damages.
- o Length of the battery charge varies depending on use and colder weather. Typically the battery charge can last up to four weeks before needing a charge. We recommend NOT going more than two weeks without a charge for best, long lasting performance.



**Tips: T-Rex maneuvers easier with the mast in place**

You may remove the T handle from the rear receiver of the T-Rex and insert the handle in the front for easier repositioning.

## OPERATION



**Tips: T-Rex maneuvers easier with the mast in place**

### **A. FRAME TENT (HIP END)**

#### **HORIZONTAL PULL**

- Remove mast from support base, remove both quick link and cletus hook, feed rope under mast support base out front of the T-Rex and connect only the quick link back to the rope.
- Connect the sling to the corner bracket and the opposite end of the sling to the intermediate tee using the anchor shackle.
- Line T-Rex up to the keder rafter and insert the four outriggers. Pull the rope from the winch by unlocking the lever to the OUT position.
- Throw rope over the top of the ridge of the tent. Connect the quick link to the strap of the tent top, feed into the keder rafter.
- Using the wireless remote, press IN and walk across pulling the hip end over the frame.
- When pulling the mid-section over the top of the frame, position the second T-Rex at the end of the keder rafter.
- Use the IN button on the wireless remote and hardwired remote simultaneously in order to get an even pull.

#### **VERTICAL LIFT**

- Switch from horizontal to vertical, remove both quick link and cletus hook, feed rope back through mast support base and lay mast down on the ground.
- Switch lever on winch to OUT position, pull rope twice the length of mast, lay rope onto sheave pulley securing using d-pins, replace mast into the support base and switch back to IN on the winch.
- Line the T-Rex up to the center of the sling, it needs to be up against the frame. Connect the cletus hook to the o-ring. Ensure the four outriggers and mast are secured using the d-pins.
- Press IN on the remotes and this will raise the tent. One person may use one wireless and one hardwired remote to erect the first side of the frame tent. Or sync up to 5 T-Rex machines simultaneously.
- Repeat the same process for the second side, be sure in this case that the T-Rex is 1' away from the frame.



**Tips: T-Rex maneuvers easier with the mast in place**

### **FRAME TENT (GABLE END)**

#### **VERTICAL LIFT**

- Remove mast from support base, lay mast down on the ground, switch lever on winch to OUT position, pull rope twice the length of mast, lay rope onto sheave pulley securing using d-pins, replace mast into the support base and switch back to IN on the winch.
- Connect the sling to the corner bracket and the opposite end of the sling to the intermediate tee using the anchor shackle.
- Line T-Rex up to the center of the sling, it needs to be up against the frame. Connect the cletus hook to the a-ring. Ensure the four outriggers and mast are secured using the d-pins.
- Press IN on the remote and this will raise the tent. One person may use one wireless and one hardwired remotes to erect the first side of the frame tent. Or sync up to 5 T-Rex machines simultaneously.
- Repeat the same process for the second side, be sure in this case the T-Rex is 1' away from the frame.

#### **HORIZONTAL PULL**

- Remove mast from support base, take rope off from the top of the Mast, remove both quick link and cletus hook, feed rope under mast support base out front of the T-Rex and connect only the quick link back to the rope.
- Line T-Rex up to the keder rafter, on this particular case needs to be **10' away from the edge of the tent**, insert the four outriggers.
- Pull the rope from the winch by unlocking the lever to the OUT position.
- Throw rope over the top of the ridge of the tent. Connect the quick link to the strap of the tent top, feed into the keder rafter.
- When pulling the mid-section over the top of the frame, position the second T-Rex at the end of the keder rafter.
- Use the IN button on the wireless remote and hardwired remote simultaneously in order to get an even pull.

## B. EPIC POLE TENT



**Tips: T-Rex maneuvers easier with the mast in place, it is optional when you erect a pole tent.**

- Remove mast from the support base, remove the quick link and cletus hook, slide rope under and through the support base, and connect only the quick link back to the rope, this will be used to attach to the center of the skid plate once in place.
- Set the T-Rex at the edge of tent tops where they are laced together, insert the 4 outriggers and stake through the hole into the ground.
- Switch the lever to OUT position and pull rope under the tent to the other side.
- Connect the quick link to the center pole skid plate, set the bottom of the center pole into the opening using a ratcheted strap.
- Pulled through the center pole openings, ratchet the center pole to the skid plate.
- Repeat the same process with the other center poles, place the 2<sup>nd</sup>. T-Rex to the opposite side of the tent, which will create a crisscross lift of the center poles.
- Press IN on the remotes, one person may use one wireless and one hardwired remote. Or sync up to 5 T-Rex machines using 1 wireless remote. (Keep in mind that you must disengage the drive on the winches in order to have an even pull and to reengage after aligning the T-Rex.) This method will allow one man to lift or lower 2 center poles at once safely.
- This process will be used in lifting and lowering the center poles.
- The skid plate must be left as a support under the tent and for lowering the tent safely to the ground.

## C. LIGHT TOWER

- Simply attach a light fixture to the end of the cletus hook.
- Press IN on the remote to start raising the light.
- Be sure to keep the light **1" below the top of the Mast.**

## D. REMOTES

Please read additional remote pages included with the winch manual.

- Wireless remote:
  - The wireless remote can transmit up to 80'.
  - Has IN and OUT.
  - To turn the wireless remote on, hold the power button for 4 seconds until the red indicator light turns on. After more than 30 minutes of not being used, the wireless remote will turn off automatically.
  
  - Two wireless remotes cannot be used simultaneously to pull the tent top or erect the tent.
  
- Hardwire remote:
  - In order to pull the tent top, we recommend using the hard wire remote only as there is no delay,

## TROUBLE SHOOTING

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SUGGESTED ACTION</b>
Wireless remote not working	Wireless remote will automatically turn off if not used for over 3 minutes.	Hold the power button down for 4 seconds in and out. A red light will illuminate indicating it is ready for use.
Wireless remote started working, but then stopped	Wireless remote will automatically turn off if not used for over 3 minutes, the remote only transmit within 80' of the winch	Hold the power button down for 4 seconds. A red light will illuminate indicating it is ready for use.
When using both T-Rex's, one is outperforming the other	The battery that controls the winch may be weak and this will cause the wireless remote to lose connection.	Charge the battery.
The hardwired remote works in the OUT position, but not IN position.	Hardwired remote may not be completely plugged in the socket causing a poor connection.	Unplug the hardwired remote, then re-connect and make sure the hardwired is pressed firmly in socket.

## **WARRANTY**

- Please Read Electric Winch Manual Included.
- The winch has a 3-year warranty from the winch manufacturer.

## **CONTACT INFORMATION**

### **Technical Support**

Martin Guthrie

252-885-2526 mobile

[www.trextentjack.com](http://www.trextentjack.com)

### **Sales and Service**

Top Tec

800-845-2830

Email: [Sales@TopTecProducts.com](mailto:Sales@TopTecProducts.com)

Serial Number .....

Date of Purchase .....

Location of Purchase \_\_\_\_\_

Saves time and labor  
but most importantly,  
It's the safety of the process.  
...M. Guthrie

