

**Robotic Mowing Solutions**  
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**Evatech TREX 44 Operating Instructions**  
In case of Emergency call 911

**Prior to operating:**

1. Ensure proper PPE is utilized at all times.
2. Check oil level, use 5W-30 motor oil.
3. Check gas level, use 87 octane gasoline.
4. Check & clean air filter
5. Visual walk around to ensure no parts are loose and all nut and bolts are in place.

**Start and Stop Function:**

1. Ensure the mowing deck is manually adjusted to your desired mowing height.
2. Turn the radio controller on, radio voltage should be > 4.3 volts, if less change 4 AA batteries.
3. If radio is beeping pull left joystick to the aft position and reset back to center position.
4. Turn the main switch located in the rear of the brain to the on position. The brain will cycle through circuits by blinking 10 times and turn solid green.
5. To Start push left joystick to the right and engine will start electronically.
6. Once engine is started and you are at the place of mowing pull the left joystick to the aft position, this will engage the clutch to turn the 2 x 22" rotary blades.
7. To stop blades from turning return left joystick back to the center position.
8. For emergency shut down, push left joystick forward or turn off radio. The super brain green light will blink one blink at a time. To reset push left joystick to the left for 5 seconds; also see below #9.
9. If you inadvertently push the left joystick forward and shut down, push the joystick to the left and hold for 5 seconds to reset the super brain. Once the light is steady green, refer to #5 for restarting engine.
10. Shut down: Ensure that radio is turned off and switch on brain is placed in the off position or batteries will drain.

**Super Brain light function codes:**

One Blink – Loss of signal, this will occur when the user moves the left joystick forward.

Two Blinks – Too much current on the left DC motor.

Three Blinks – Too much current on the right DC motor.

Four Blinks – Voltage drop within the electronics.

Five Blinks – Temperature sensor.

Six Blinks – Too much voltage within the electronics.

**Operating replacement parts:**

1 - 30 Amp Standard Automotive Fuse \* 1 - 100 Amp Large Fuse

2 ea. - 32 x ½ in Alternator Belt \* 1 – 71 x ½ in Spindles Belt

2 ea. - 22" rotary moving blade

1 ea. – 12volt DC, 18 Ah battery