

Robotic Mowing Solutions
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Evatech Hybrid GOAT Robot 22 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. Approximate runtime on full tank of gas is 1 hour.
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, if controller is beeping change 4 AA batteries in radio controller.
3. Turn the main switch located in the rear of the brain to the on position. The brain will cycle through circuits and turn solid green.
4. To Start push the left joystick to the right and engine will start electronically. The GOAT 22 can also be started by manually pulling the rope starter connected to the flywheel.
5. For emergency shut down, push left joystick forward or turn off radio. The brain green light will blink one blink at a time. To reset push left joystick to the left for 5 seconds; also see below #7.
6. If you inadvertently push the left joystick and shut down, push the joystick to the left and hold for 5 seconds to reset the brain. Once the green light is steady green, refer to #4 for restarting engine.
7. Alternate emergency shut down is to turn off radio controller or manually turn off switch on brain.
8. Shut down: Ensure that radio is turned off and switch on brain is placed in the off position or batteries will drain.

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:

2 ea. - 40 Amp Standard Automotive Fuses.

1 - 22" rotary mowing blade.

2 ea. – 12volt DC, 9 Ah battery run in series.

2 ea. – 24volt electronic motors.