



TIRE SERVICE INTERNATIONAL

6005 Automatic Cycle Feed for STE-M

buyTSI.com - 800.223.4540



Read this manual before operating

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Operating Instructions



- Turn the selector switch to REVERSE to move the motor into position on the tire.



- Approximate blade guide positioning shown on tire.
- Position blade at same starting position as with the manual crank machine.

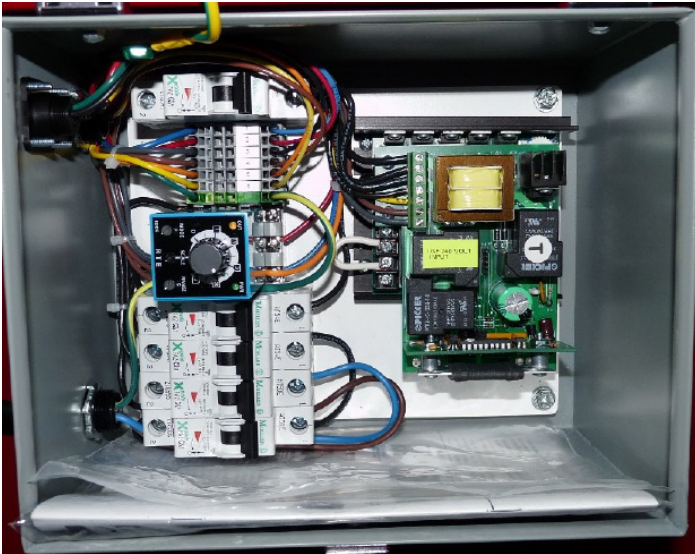


- Squeeze handle switch to start machine operation.
- Engage spray unit mist.
- After tire turns one revolution press JOG button to move blade guide to proper cutting row position.
- Repeat this operation every revolution until complete tire is siped.

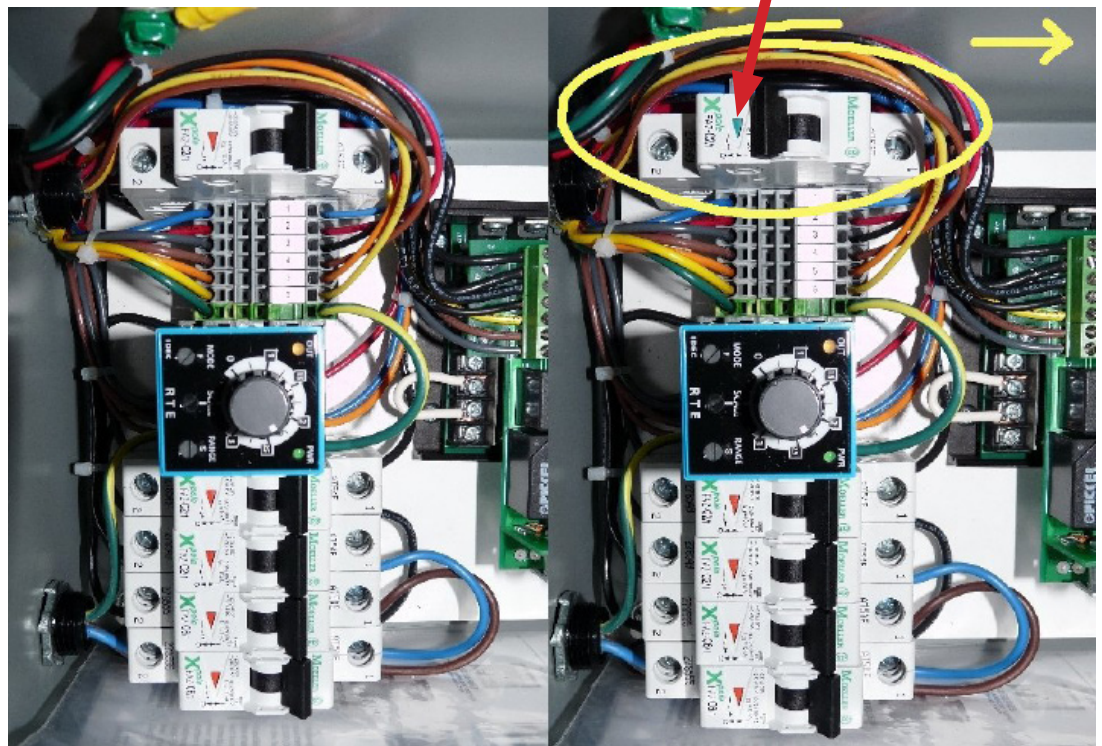
Troubleshooting



Caution: Disconnect power before opening control box



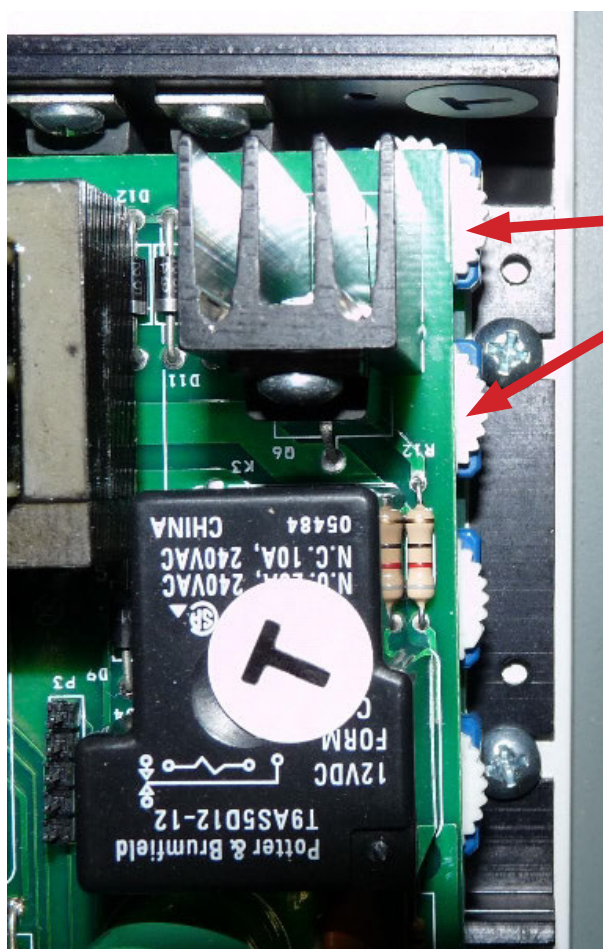
- **NOTE:** Prior to shipping, the electronic components in each control box are factory set, tested and approved for optimum performance.
- If, upon installing a Siper STE-M with an Automatic Cycle Feed (ACF) feature and it fails to work, please review this guideline.
- Disconnect your power source. Open the control box located on the side of the machine.
- Visually check to see if the breaker has tripped (GREEN ARROW).
- Reset the breaker.
- In the figure below, the circuit breaker is tripped (GREEN ARROW circled in yellow).
- Note the position of the toggle switch and the RED arrow changing to GREEN.
- If any breakers 'trip,' flip the toggle and return it to an "ON" position



Operating Instruction



- Reconnect power to the unit and turn "ON."
- Look for a green light indicating the power is ON.
- If the green light is not on, recheck the breakers.
- FYI: The OUT orange light comes on when the unit is in "JOG" mode.
- The dial changes the Jog distance. This too is a pre-set and should not be a factor.



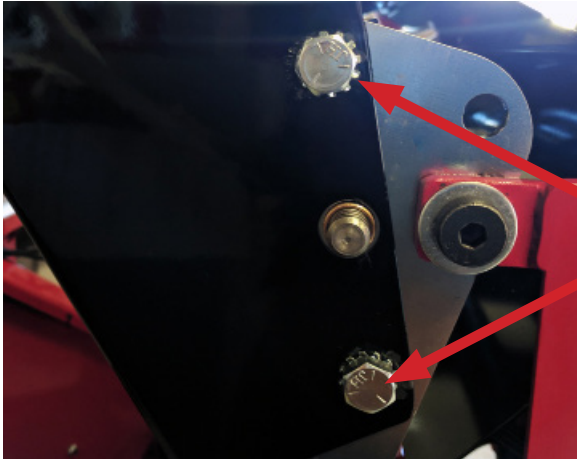
- This photo identifies the PC board in the control box.
- There are four adjustment wheels that are key to setting up the Siper Autofeed.

POWER

PULSE/ SURGE

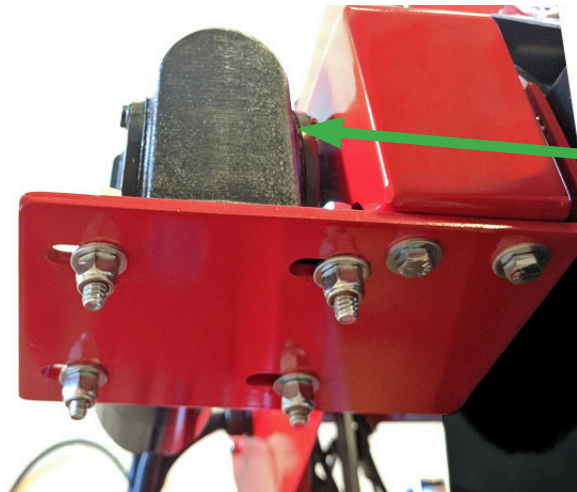
- Only change one of these at a time and ONLY one notch at a time.
- Turn the POWER wheel clockwise one notch.
- It may be necessary to adjust the power setting by as many as 3 notches. Once the gear motor begins operating it may operate intermittently. Turn the PULSE adjustment wheel one notch counter-clockwise. Fine tune this setting one notch at a time.
- When complete close and secure the control box cover.

Repair Parts List



MOTOR GUIDE ADJUSTMENT:

- Occasionally due to machine use and movement the cross feed guide bars may become misaligned causing the right angle motor to pull hard and blow a fuse.
- Unplug the unit.
- Loosen screws and reposition guide bars so they are parallel
- Retighten screws.



MANUAL OPERATION:

- Remove motor by loosening bolts and nuts and replace with the manual crank.

Parts List

	Item Number	Description	Qty
	10869	ACF Decal Forward/Reverse	1
	10870	ACF Jog Decal	1
*	15632	Coupling Cover For Auto Feed	1
	10959-1/2	Coupling, 1/2" Bore Jaw	1
	10959-5/8	Coupling, 5/8" Bore Jaw	1
*	4954	Crank Hand Wheel with set screw	1
	10894	Electric Drive Motor for ACF	1
*	15629	Guard for Auto Feed	1
*	10914	Gusset Motor Bracket	1
	903	HHCS 1/4-20 x 3/4	10
	3478	HHCS 5/16-18 x 1-1/4 Grade 5	4
	10896	HHCS 7/16-20 x 1 Grade 5	2
*	6017	Motor Bracket Weld	1
	214	Nut 1/4-20	8
	566	Nut 5/16-18 Nyloc	4
	12943	Plug, black used on Auto Cycle Feed	1
	10961	Spider LO70	1
	10893	STE-M Control Box 220V	1
	12255	Strain Relief 1/2 npt	3
	10957	Switch, Jog for ACF	1
	10958	Switch, Selector Forward and Reverse for ACF	1
	16016	Timer, Delay Relay Single Shot, 240V AC & DC, Overseas	1
	16014	Timer, Delay Relay Single Shot, 240V AC ..Domestic	1
	445	Washer 1/4 Flat Wrought	26
	5.108	Washer, 7/16", Split lock	2
*	Sub-assembly		

Notes

California Proposition 65

California's Proposition 65 entitles California consumers to special warnings for products that contain chemicals known to the state of California to cause cancer and birth defects or other reproductive harm if those products expose consumers to such chemicals above certain threshold levels.

WARNING: Some of Tire Service International's products can expose you to chemicals including chromium compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Your risk from exposure to these chemicals varies, depending on exposure time. To reduce your exposure, work in a well-ventilated area and with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles. Wash your hands after touching TSI's products.

Warranty and Return Policy

Warranty & Workmanship you can depend on.

With over 30 years of manufacturing experience we maintain the ability to provide competitive prices while employing and manufacturing the majority of our products in the USA. Pride in our workmanship and standing behind each and every product is not just our claim but our uncompromising responsibility.

Tire Service International equipment is warranted to be free from defects in materials and workmanship for a period of one year from the date of original purchase to the original owner. Repair labor is warranted for 90 days from the date of original purchase. Bushings, blades, bearings and normal wear and tear are not covered under warranty. Careless handling, negligence, misuse, abuse, mutilation, improper operation, making unauthorized repairs, additions, and or alterations automatically cancel this warranty and relieves TSI of any obligation. Cheetah tanks claimed to be defective while under warranty will be evaluated at our manufacturing plant and either repaired if possible or exchanged and returned or credit issued to the customer account at our discretion. Damage resulting from dropping the tanks will not receive warranty consideration. Warranty parts need to be returned prepaid to the plant for credit. Any replacement parts shipped from the plant will be shipped at the customer's expense. Machines requiring warranty work must be brought to the manufacturing plant in 201 Chelsea Rd, Monticello, MN or to a repair facility authorized by TSI.

!!WARNING!! Goods returned without an RGA will be refused. A Returned Goods Authorization form must be obtained before returning any material or goods. All non-warranty returns will be subject to a 15% restocking fee plus any additional charges for reconditioning/repacking.

Visit www.buyTSI.com for any additional information. Also be sure to follow us on all the Socials, and subscribe to our YouTube channel for all our product videos.

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