

Shredfast SF 200 Preventive Maintenance

(TO BE USED AS A GUIDE ONLY)

Shredfast advises all customers to Lock and Tag Out equipment before performing any service or maintenance. This is a requirement of the Occupational Health and Safety Act of 1970 (29CFR1910). It is the responsibility of you as the employer/owner to formulate and implement a lock and tag procedure to assure a safe place to work for your employees. ZERO MECHANICAL STATE of the equipment must be enforced at all times when maintenance or inspections of the units are being performed. Serious bodily injury or death may result if a lock and tag procedure is not implemented together with damage to the equipment. If further technical assistance is required please feel free to contact Shredfast Service Department at 1-800-299-8437. We offer these services free of charge to our customers.

Weekly Maintenance Equipment & Components

- Clean and sweep out all paper material that may be residing inside the storage and shredder compartments.
- Check to ensure all bolts, nuts and fasteners are tight.
- Ensure chain tension on the Rail Lift System (RLS) is within manufacturer specifications.
- Check to make sure the windscreen is in place and in good working order
- Ensure the Rail Lift System or Lift Arm components are operating smoothly.
- Make sure all electrical components are operating properly.
- Ensure hydraulic fluid levels are within manufacturer specifications.
- Check the shredder screen rotor and hammers for foreign material lodged or wrapped.
- Ensure all portable fire extinguishers are fully charged. The indicator should be in the green portion of the gauge.
- Check the drive belt tension, belts should only have a maximum deflection of 3/4" at 15-18 lb. pressure. If tension exceeds this the belts need to be adjusted.
- Hammer/Pin condition (max. 1/4" play, vertical movements make sure there are no cracks, breaks or excessive movement in hammers).
- On board fire system tank is full with 30% Ethylene Glycol Antifreeze mix to 70% water. Depending on area this mixture can change.
- Inspect the dust collection system; empty and clean out bag daily.
- Clean dust off of top of shredder tub.

Grease

1-2 pumps with hand grease gun every week, when equipment is in use. Use Schaeffer Micron Moly 221 Ultra Premium or equivalent. **(WHEN PERFORMING WEEKLY MAINTENANCE GREASE GUN SHOULD BE EASY TO PUMP OTHERWISE GREASELINE DAMAGE WILL OCCUR).**

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|--|---|
| <input type="checkbox"/> Drivelines | <input type="checkbox"/> Fan bearings (2) zerks |
| <input type="checkbox"/> <input type="checkbox"/> Hydraulics (3) Zerks | <input type="checkbox"/> Flywheel grease zerk |
| <input type="checkbox"/> <input type="checkbox"/> Shredder (3) Zerks | <input type="checkbox"/> Output gear box shaft |
| <input type="checkbox"/> Auger left rear | <input type="checkbox"/> Input gear box shaft |
| <input type="checkbox"/> Auger middle rear | <input type="checkbox"/> Lower |
| <input type="checkbox"/> Auger right rear | <input type="checkbox"/> Tip pivot |
| <input type="checkbox"/> Auger left front | <input type="checkbox"/> Lift arm bushing front |
| <input type="checkbox"/> Auger middle front | <input type="checkbox"/> Lift cylinder top |
| <input type="checkbox"/> Auger right front | <input type="checkbox"/> Oil level (1) rotor bearings (2) fill until oil reaches the top of inspection port |
| <input type="checkbox"/> Lift cylinder lower | <input type="checkbox"/> Hydraulic oil fluid level is at recommended level (middle of sight gage) |
| <input type="checkbox"/> Lift arm bushing rear | |
| <input type="checkbox"/> Upper drive bearing #1 | |
| <input type="checkbox"/> Upper drive bearing #2 | |

*****NOTE: Always consult with the operator owner manual before ever operating, repairing, servicing or conducting maintenance to the unit. *****

Shredfast SF 200

Quick Start

(TO BE USED AS A GUIDE ONLY)

Start Up Procedures

With Standard Transmission on Mack CH612 body same as 100.

With Standard Transmission and Split Shaft PTO's some changes.

- 1) Set parking brake.
- 2) Depress clutch fully.
- 3) Put transmission in any gear.
- 4) Activate shredder and hydraulic switches.
- 5) Return transmission to neutral.
- 6) Release clutch slowly.
- 7) Engage cruise control and set.
- 8) When RPM's stabilize, activate gage switch.

With Split Shaft PTO's and 4th gear loc-up switch on dash and Automatic Transmission (Sterling Acterra)

- 1) Set parking brake fully (**make sure it is out completely**).
- 2) From the control panel, ensure emergency shut down control is pulled out.
- 3) Ensure fan hydraulic control is in the "ON" position.
- 4) Revert back to the cab.
- 5) Apply brakes with peddle and hold.
- 6) Activate hydraulics and shredder switches.
- 7) Select "D" for Drive on the Transmission, #6 will appear.
- 8) Activate 4th gear loc-up switch, #4 will appear.
- 9) Release brake peddle, RPM's will ramp up. If grinding occurs turn off PTO and hydraulic switches, put transmission back in neutral, repeat steps 5-8.
- 10) When RPM's stabilize (about 4 seconds) activate gage switch and strobes.

Shut Down Procedures

- 1) Depress brake peddle.
- 2) Select "N" on Transmission for neutral.
- 3) Turn off gage switch.
- 4) Turn off hydraulic and shredder switches.

Unloading Procedures and Cold Weather Warm Up

At the Control Panel turn fan lever to ON and pull OUT Emergency shut off.

- 1) Set parking brake fully.
- 2) Depress brake peddle and hold.
- 3) Activate hydraulics switch.
- 4) Select "D" for Drive on Transmission, #6 will appear.
- 5) Activate 4th gear loc-up, #4 will appear.
- 6) Release brake peddle, RPM's will ramp up. If grinding occurs, turn off PTO and hydraulic switches; put transmission back in neutral, repeat steps 2-5.

**IF YOUR TRUCK DOES NOT HAVE THE SAME SET OF SWITCHES DESCRIBED ABOVE
PLEASE CONTACT SHREDFAST FOR EARLY MODEL SET-UP**

THEY ARE THE:

Mack Freedom chassis

Mack Standard Shift CH612 with Automatic

Some Internationals

These chassis could indicate earlier or different set-up's

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If you have any questions, please call Shredfast Service Department at: 1-800-299-8437